

Service Manual

General Description

Adjustment Procedures

Block / Schematic Diagrams

Exploded Views / Parts List

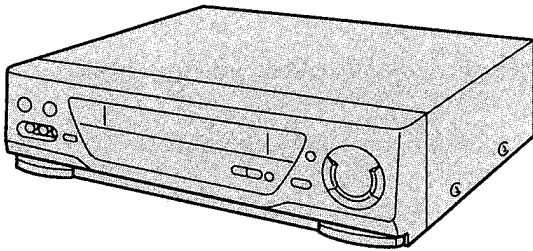
Video Cassette Recorder

Panasonic **VHS**
PAL

Hi-Fi HQ

NV-HD625 EG/EGH
EGM/B/EC

K-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: 21 watts (NV-HD625EG/EGH/EGM) 22 watts (NV-HD625B/EC)			INPUT: EURO AV (AV1, AV2) Connector (21 pin) More than -6 dBV (500 mV), 10 k Ω AUDIO IN (AV3) Connector (Phone type) More than -10 dBV (316mV), 47k Ω		
RECORDING SYSTEM	2 rotary heads, helical scanning system			TAPE SPEED	OUTPUT: AUDIO OUT Connector (Phono type) -6 dBV (500 mV), Less than 1 k Ω EURO AV (AV1, AV2) Connector (21 pin) -6 dBV (500 mV), Less than 1 k Ω	
	PAL				SP: 23.39 mm/s LP: 11.695 mm/s Record/Playback Time: SP: 4 hours with 240 min. type tape LP: 8 hours with 240 min. type tape FF/REW Time: 2.5 min. with 180 min. type tape	
TV TUNER SYSTEM	NV-HD625 EG/EGH/EGM	VHF I : CHN1—CHS10 VHF III : CHE5—CHS41 (PAL/SECAM B) UHF: CH21—CH69 (PAL/SECAM G) 75 Ω terminated	OPERATING TEMPERATURE		5°C—40°C	
	NV-HD625B	UHF: CH21—CH69 (PAL I) 75 Ω terminated				OPERATING HUMIDITY
	NV-HD625EC	VHF I : CHE2—CHS3 VHF II : CHM1—CHM9 VHF III : CHM10—CHU2 VHF H: CHU3—CHS41 (PAL/SECAM B) UHF: CH21—CH69 (PAL/SECAM G) 75 Ω terminated		DIMENSIONS		
RF OUT SYSTEM	NV-HD625EG/ EGH/EGM/EC	UHF: CH21-CH69 (PAL/SECAM G) 71±3dB μ , 75 Ω terminated	WEIGHT		4.6 kg	
	NV-HD625B	UHF: CH21-CH69 (PAL I) 71±3 dB μ , 75 Ω terminated				STANDARD ACCESSORIES
VIDEO	HEADS: 4 rotary heads 1 pair for recording and playback (L-R heads) 1 pair for trick play (L'-R' heads)		OUTPUT: EURO AV (AV1, AV2) Connector (21 pin) 1.0 Vp-p, 75 Ω unbalanced			
	INPUT: EURO AV (AV1, AV2) Connector (21 pin) 1.0 Vp-p, 75 Ω unbalanced VIDEO IN (AV3) Connector (Phone type) 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.

INTRODUCTION

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

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

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

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

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

Section 4 contains exploded views and parts list.

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

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

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

Please refer to the service manual for K-Mechanism Chassis. (Order No. VRD9307M131)

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

Model No.	NV-HD625EG	NV-HD625EGH	NV-HD625EGM	NV-HD625B	NV-HD625EC
Indication Mark	(A)	(B)	(C)	(D)	(E)

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SECTION 1 GENERAL DESCRIPTIONS

1-1. SERVICE INFORMATION

1-1-1. CHANNEL MEMORY IC INITIALIZATION

When replacing the memory IC7704, its IC should be initialized.

Note:1) It should be performed before tuning.

2) Meaning of "INITIALIZATION" is to make dependency in different models and to distinguish between different features.

How to set the Model Code.

Key operation	FIP Display	TV Monitor
Press the FF and EJECT keys.	0 00 0	None
Press the FF and EJECT keys in twice.	2 00 00	None
Press the EJECT keys for 3 seconds.	2 00	None
Press the CH UP key in twice.	2 2 00	None
Press the Power key.	2 2:00 ↑flashing	Service Mode (See Fig. S2)
Set the Model Code by using 10-key on the Remote Controller Unit. (See Fig. S1)	2 2:00 ↑flashing	Service Mode (See Fig. S2)
(For cancell) Press the Power key.	2 2 00	None
Press the FF and EJECT key several times until normal display.	10:00	None

Model	Code No.
NV-HD625EG/EGH/EGM	129
NV-HD625B	137
NV-HD625EC	133

Fig. S1 Model Code

Service	
Version: OSD	BAAA0.33
TIMER	V6AJ2. 0
Pos for time reference:	NONE
Last error code:	01
Model code:	129
Clock adjust:	+ 0
VPS/PDC default:	ON depend

Fig. S2 Sample of Service Mode OSD

Caution:

Since the "Clock adjust" and "VPS/PDC default" are future expansion, do not change the initial setting.

1-1-2. SERVICE POSITION

A. 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.

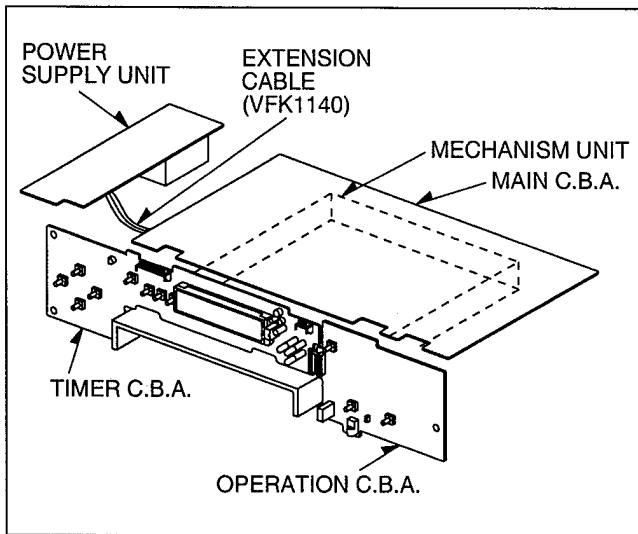


Fig. S3

B. MECHANISM SERVICE POSITION

When servicing the K-Mechanism, take out the mechanism from the MAIN C.B.A. and connect Extension Cable (VFK0889) between the loading-motor connector and P2001 as shown below. In this position, the following services are possible.

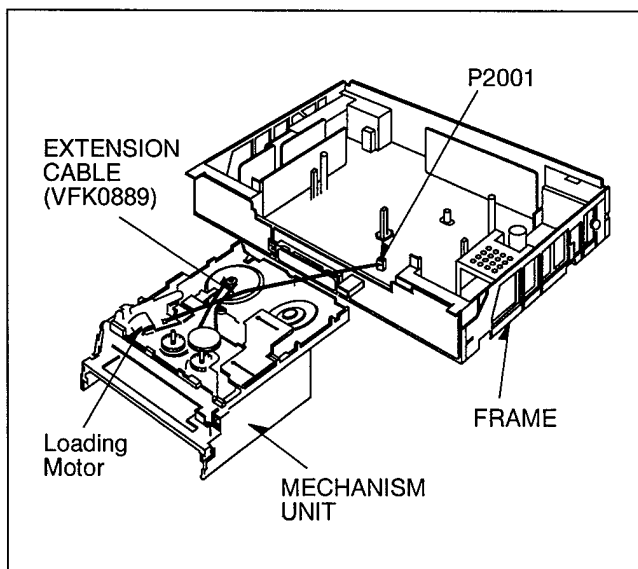


Fig. S4

B-1. CHECKING OF LOADING/UNLOADING OPERATION

There are 3 methods for manual operation of loading/unloading operation as follows.

1. HAND OPERATION

- 1) Turn the Worm Gear or the Worm Wheel Gear (Remove the Loading Motor Unit) manually.

2. BATTERY OPERATION

- 1) Remove the Extension Cable (VFK0889).
- 2) Connect the Battery (Manganese-Type R6 (AA) 3pcs./+4.5V) to the Loading Motor terminals.

3. SERVICE INFORMATION DISPLAY OPERATION

- 1) Set the Service Information Display mode. Press the FF and EJECT buttons.
- 2) Press the FF and EJECT buttons.
- 3) In the Service Mode 7, the Loading Motor rotates for Loading operation when the "PLAY" button is pressed. The Loading Motor rotates for unloading operation when the "STOP" button is pressed.

Remark:

Use the "SERVICE INFORMATION DISPLAY" mode for a final check of mechanism movement.

B-2. CHECKING OF REEL GEARS OPERATION

- 1) Move the mechanism to "PLAY" position by loading operation. (Refer to B-1)
- 2) Turn the Capstan Rotor Unit to check movement of reel gears.

1-1-3. CYLINDER UNIT REPLACEMENT

A. CYLINDER UNIT REPLACEMENT

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

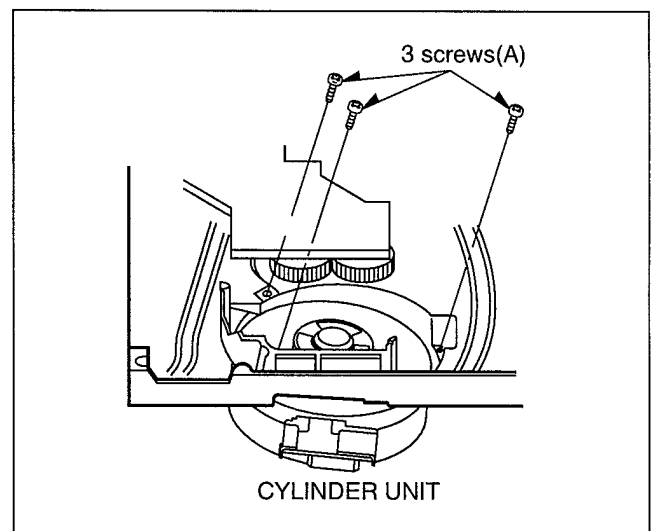


Fig. S5

B. UPPER CYLINDER DISASSEMBLY

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

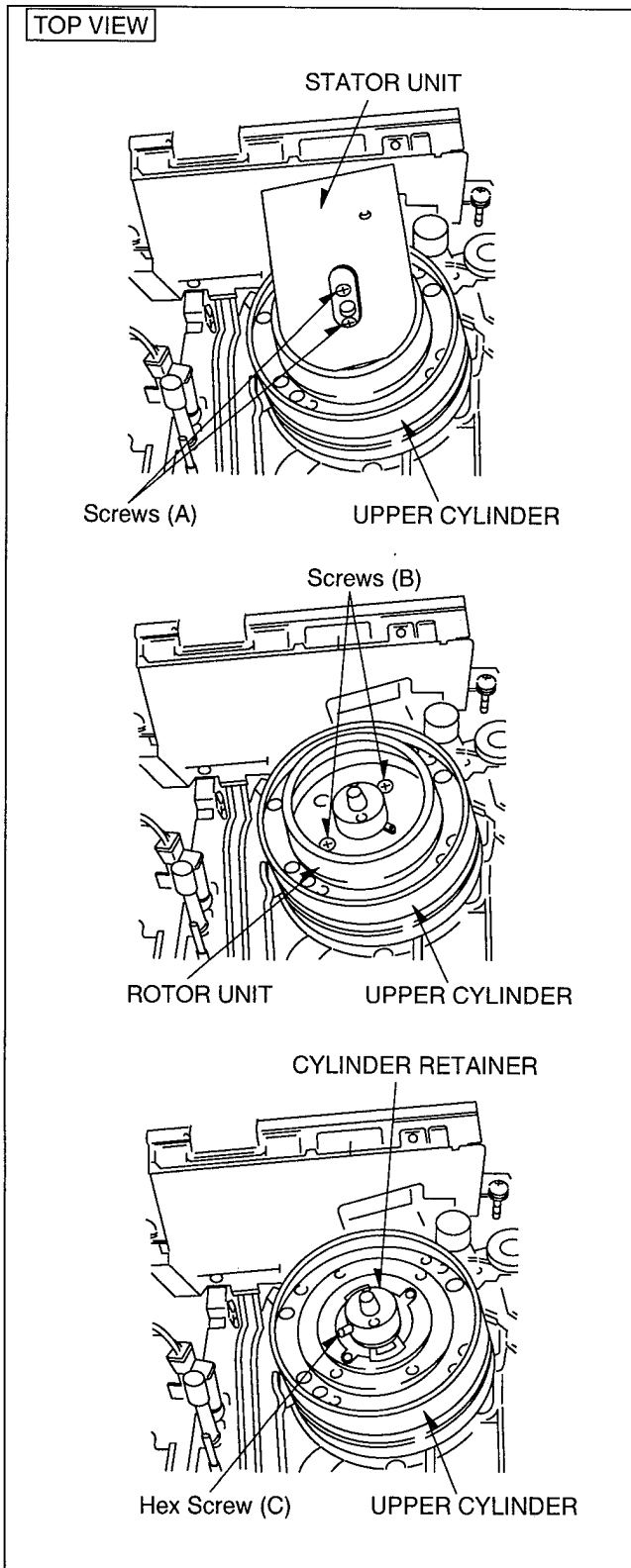


Fig. S6

C. UPPER CYLINDER ASSEMBLY

When reassembling, perform the steps in the reverse order.

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

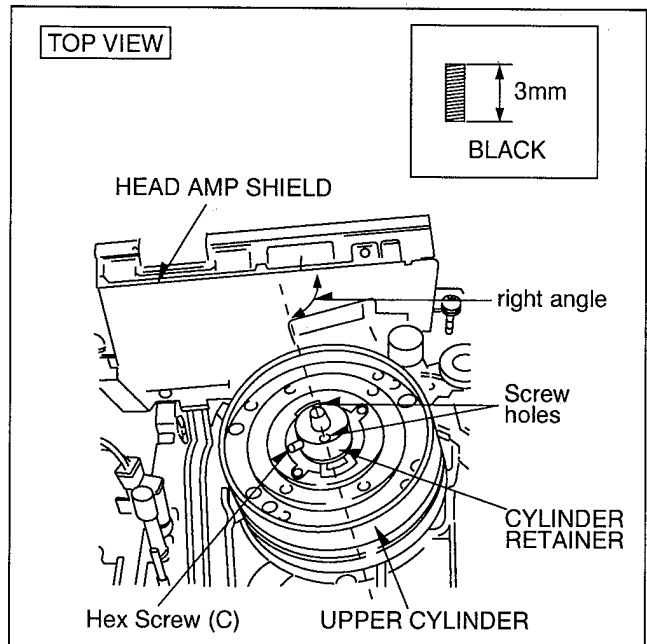


Fig. S7

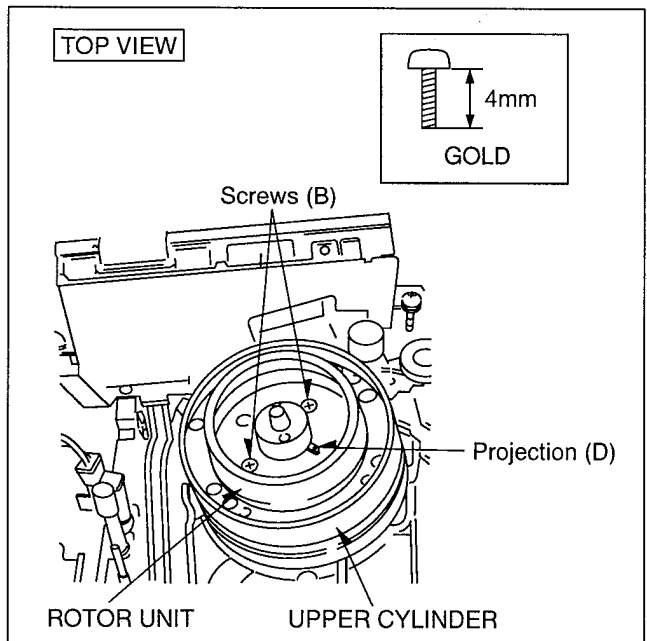


Fig. S8

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

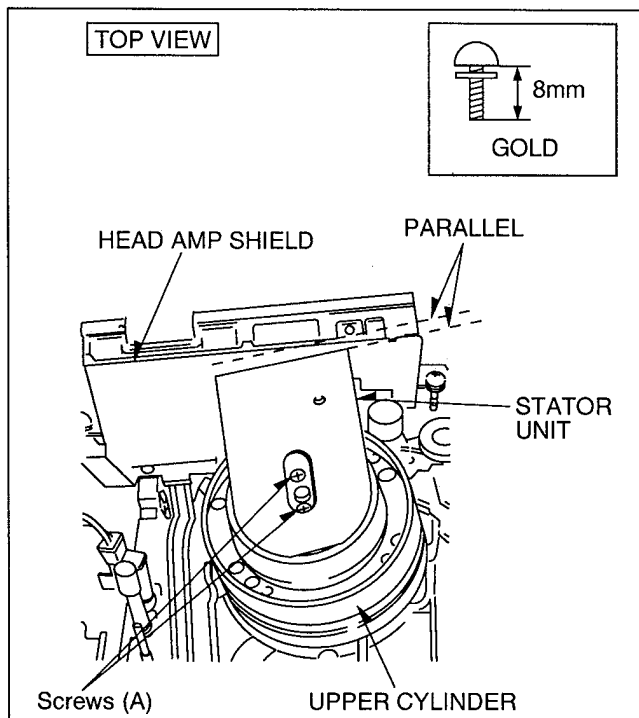


Fig. S9

1-1-4. FLAT CARD CABLE INSTLLATION

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

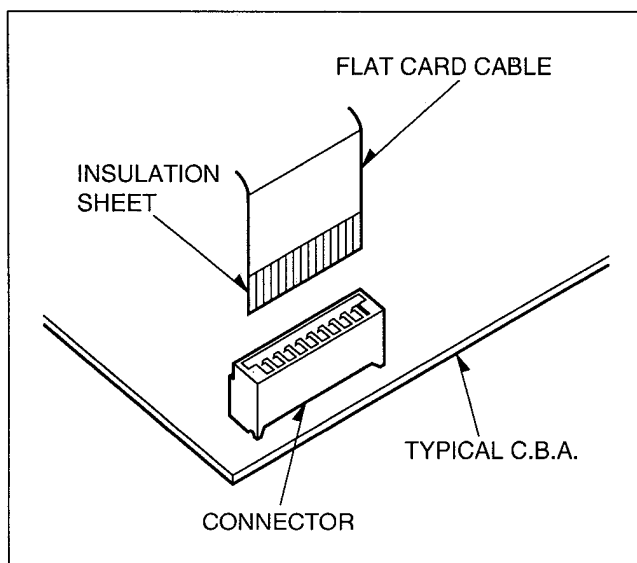


Fig. S10

1-1-5. CAPSTAN STATOR UNIT ASSEMBLY

When replacing the Capstan Stator Unit, the Centre Fixing Tool (VFK0851) must be used to fix the centre of Capstan Stator Unit.

Method:

- 1) Place the Capstan Stator Unit into position.
- 2) Loosely tighten the 3 screws.
- 3) Insert the Centre Fixing Tool (VFK0851) as shown below.
- 4) Tighten the 3 screws.
- 5) Remove the Centre Fixing Tool.

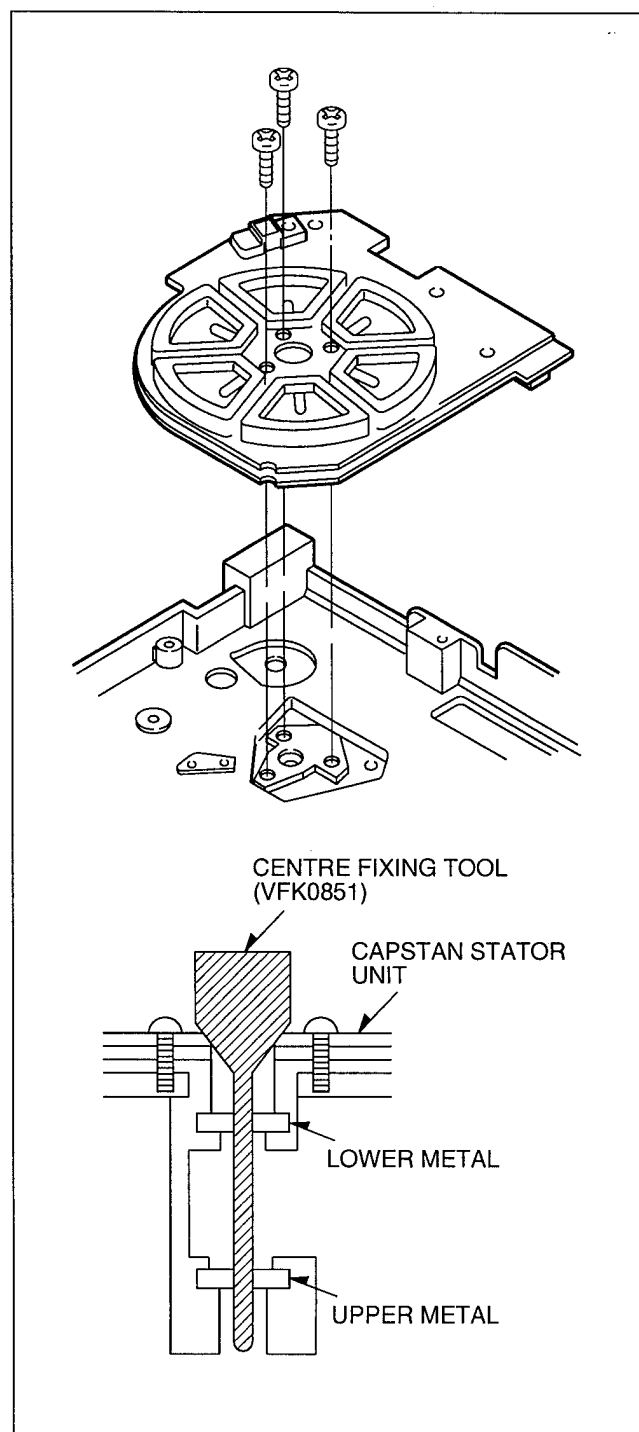


Fig. S11

1-1-6. EJECT OPERATION

The main cam gear rotates in the direction of the arrow. The projection (B) of the carriage connection gear engages with the recession (A) of the main cam gear. The carriage connection gear rotates in the direction of the arrow to perform the Eject operation.

<NOTE>

If the Eject operation is performed without the cassette carriage installed while repairing or making the mechanical phase alignment, the main cam gear will not engage with the carriage connection gear and will not rotate. To perform the Eject operation with the cassette carriage not installed, it is necessary to rotate the carriage connection gear by hand in the direction of the arrow.

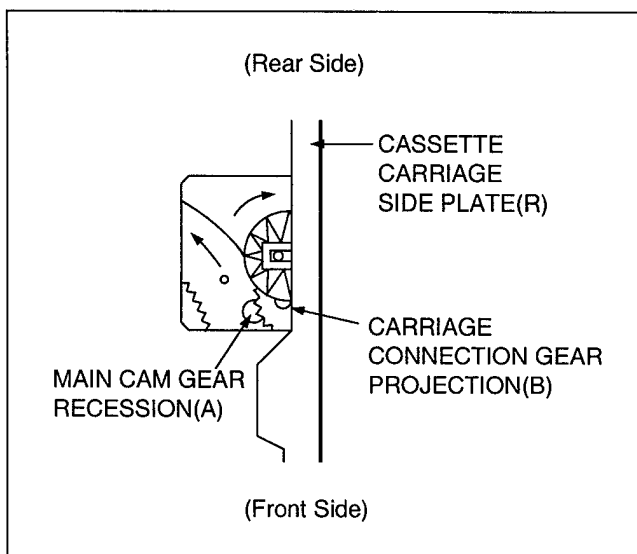


Fig. S12 Top View of Eject Operation

1-1-7. TAKE-UP PHOTO SENSOR OPERATION

Note the following matters for Take-up Photo Sensor Operation.

- 1) While servicing of the K-Mechanism, the unit will not operate properly if a strong light (ex, Fluorescent light, Spot light) falls on the Take-up Photo Sensor. In this case, cover the Take-up Photo Sensor to prevent the light from falling on it.
- 2) While servicing of the K-Mechanism with "Power On" and without cassette tape inserted, the Unit does not operate properly.

1-1-8. REMOVAL OF THE CASSETTE TAPE

If the electrical circuit is defective and the action of unloading and front unloading do not work properly, it is possible to remove the cassette manually. There are 2 methods of removing the cassette.

1. HAND OPERATION

- 1) Take out the mechanism from MAIN C.B.A.
- 2) Turn the Worm Gear manually, moving the Loading Post to the unloaded position.
- 3) Turn the Capstan Rotor Unit clockwise to take up the tape.
- 4) Turn the Worm Gear again to eject the cassette.

2. BATTERY OPERATION

- 1) Take out the mechanism from Main C.B.A.
- 2) Connect the Battery (Manganes-Type R6 (AA) 3pcs./ +4.5V) to the Loading Motor terminals as shown below.
- 3) After moving the Loading Post to the unloaded position, disconnect the battery to stop the motor.
- 4) Turn the Capstan Rotor Unit to clockwise to take up the tape.
- 5) Reconnect the battery to eject the cassette.

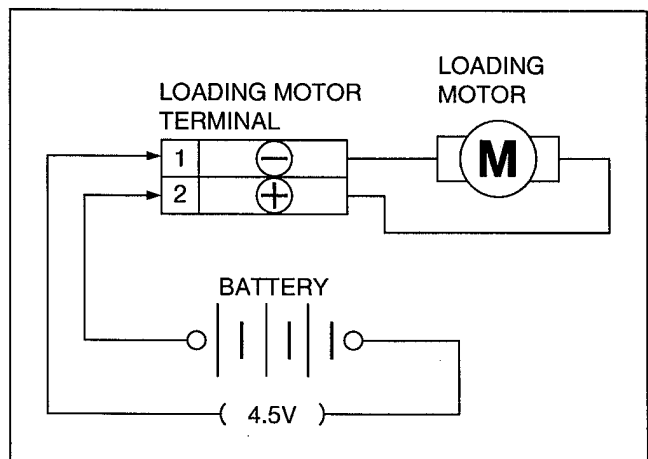


Fig. S13

If the cassette tape can not be removed by the above 2 methods, remove it by the following method.

- 1) Remove the Top Panel.
- 2) Remove the Front Panel Unit.
- 3) Lift up the Pinch Arm after removing spring.
- 4) Push the P5 Arm and remove the cassette tape from tape transportation (P1, P2, P3 and P5 Posts).
- 5) Turn the Capstan Rotor Unit to take up the tape.
- 6) Remove 1 screw from the Side Plate (R) Unit to disconnect the Rack Gear from the Carriage Connection Gear.
- 7) Take out the cassette tape from the Cassette Compartment.

1-2. SELF-TEST INDICATION DISPLAY

This VTR has a self-diagnosis and display function. If the VTR detects trouble during installation or during use, one of the following Fault Indication Codes will automatically appear in the VTR display. Fault Indication codes are displayed in the form of a single English letter followed by two numbers, as for example "H01".

- Note:1. The indication "U" is displayed on the FIP while power remains on.
2. Otherwise, the indication "H" or "F" is displayed on the FIP, and the power is automatically turned off. When the power is turned on again, the Fault Indication Code will disappear and the unit will return to normal display mode (either clock or counter).

3. This Fault Indication Code will be stored in the Timer microprocessor even with the AC plug disconnected.

The two-digit number portion of the stored Fault Indication Code can be redisplayed in the FIP's "second" display position (the last 2 digits on the light) by placing the unit in Service Mode Number 2 when turning on Service Information Display as for example "01" or "02" etc.

If a second error occurs, only the most recent error will be displayed and stored.

4. To erase the stored Fault Indication Code data, Press the FF and EJECT buttons for 5 seconds.

<FIP>		
INDICATION	CAUSE	REMEDY/CHECK
U 10	Dew formation.	Wait until the indication disappears.
H 01	After cylinder lock is detected, the cylinder does not start rotating again even after tape unloading.	Check the cylinder-motor drive circuit.
H 02	Cassette tape is not wound up during tape unloading except Eject mode.	Check the capstan-motor drive circuit.
F 03	Mechanism locks during mode transition except Eject mode.	1. Check the loading-motor drive circuit. 2. Check the mechanism phase alignment. 3. Check the Mode Switch.
F 04	Mechanism locks during tape unloading.	1. Check the loading-motor drive circuit. 2. Check the mechanism phase alignment.
F 05	Cassette tape is not wound up during tape unloading in Eject mode.	1. Check the capstan-motor drive circuit. 2. Check the Supply/Take-up reel pulse.
F 06	Mechanism locks after tape unloading in Eject mode.	1. Check the loading-motor drive circuit. 2. Check the mechanism phase alignment for Cassette Holder Unit.
F 07	Rec power voltage does not appear in Rec mode.	Check the Rec power supply circuit.
F 08	Rec power voltage appears except Rec mode.	Check the Rec power supply circuit.
F 09	No serial clock transmission between IC6001 and IC7501.	Check the serial clock circuit.

Fig. T1 Self-Test Indication Display

1-3. SERVICE INFORMATION DISPLAY

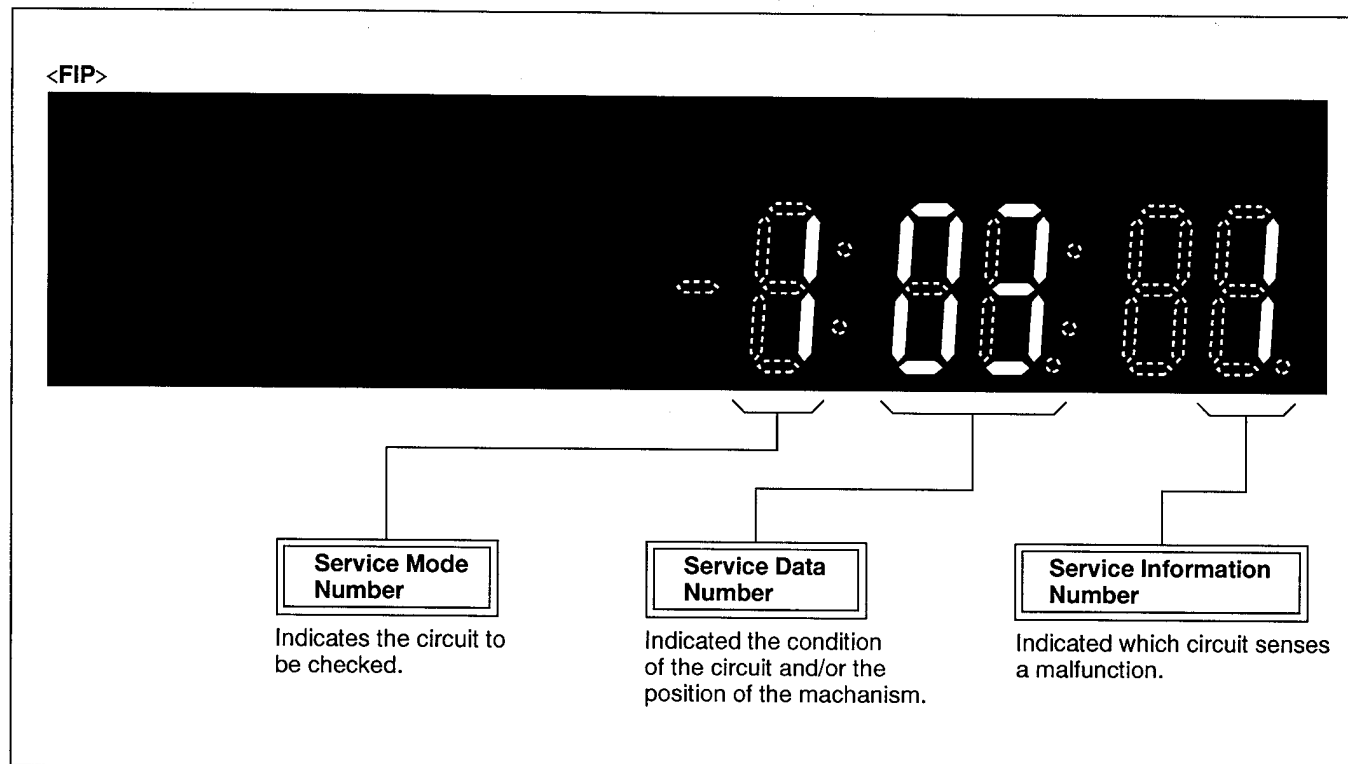


Fig. D1 Service Information Display

1-3-1. Purpose of Service Information Display

This information aids trouble shooting by indicating the source of the malfunction. The service mode number & service data number are used by the technician during repair while the service information can be used by the consumer to diagnose malfunctions allowing the technician to provide a more accurate repair cost estimate and reduce repair time.

MODE 1 : Checks tape protection circuit
MODE 2 : Checks tape transport mechanism
MODE 3 : Checks mode switching operation
MODE 4 : Checks control buttons
MODE 5 : Checks capstan motor
MODE 6 : Checks cylinder motor
MODE 7 : Checks loading/unloading operation

The second and third digits are service data which indicate the condition of the circuit or mechanism being checked.

1-3-2. Turning on Service Information Display

- (1) Press the FF and EJECT buttons.

In the Service Information Display, there are four digits divided into 3 functions.

The first digit indicates which of the 7 service modes that the unit is currently in.

The fourth digit is the service Information display. It is to be used by the consumer to help determine the source of a malfunction. The service information display operates independently of the service modes and stores the fault indication in memory for as long as AC power is not supplied.

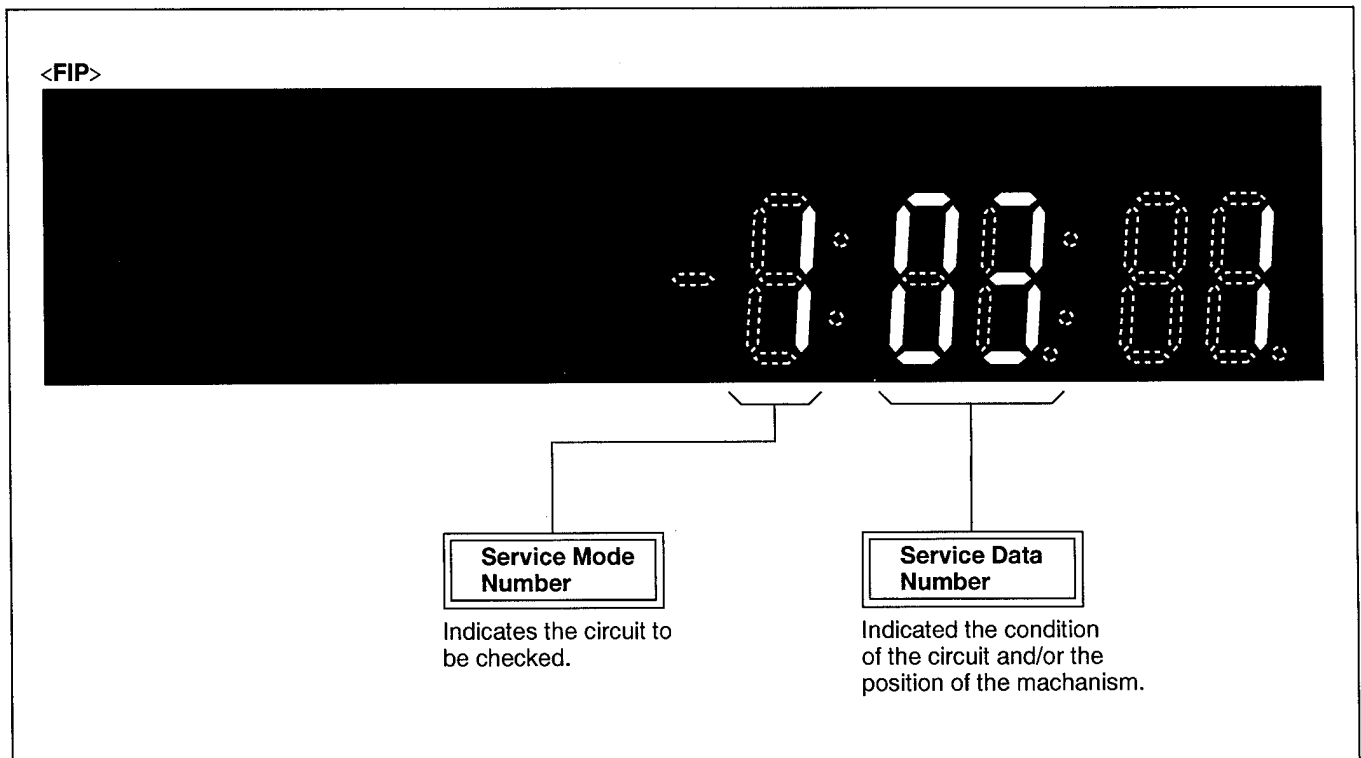


Fig. D2 Service Mode Number and Service Data Number on S.I.D.

- (1) Turn on Service Information Display.
- (2) To change Service Modes press the FF and EJECT buttons simultaneously.
- (3) **Mode 1**: Checks that the Sensor LED, Supply & Take-up Sensor circuits check the circuits by blocking the light from the Sensor LED to either or both Supply & Take-up Sensors. When the light is blocked to both sensors, "00" should be indicated on the service data number. When the light is blocked to the supply sensor, "01" should be indicated.
- (4) **Mode 2**: Checks the mode switch circuit while indicating mechanism position. Service Data Numbers indicate the position of the mode switch and thereby the mechanism position.
- (5) **Mode 3**: Checks that mode switch circuit operations have been completed. Service Data Number should indicate "00" after each mechanism operation is completed.
- (6) **Mode 4**: Checks the operation circuit. Indicates if IC6001 receives the operating commands from the mode buttons and/or remote controller.

- (7) **Mode 5**: Checks the capstan motor circuit. Indicates if the IC6001 has received the command to rotate the capstan motor.
- (8) **Mode 6**: Checks the cylinder motor circuit. IC6001 has received the command to rotate the cylinder motor.
- (9) **Mode 7**: Checks the Loading/Unloading Operation. The Loading Motor rotates for loading operation when the "PLAY" button is pressed. The Loading Motor rotates for unloading operation when the "STOP" button is pressed. This mode can be displayed indefinitely until the OPERATE button is pressed.

<NOTE>
Refer to Fig. D5 for details of Service Data Numbers.

1-3-4. Service Information Number

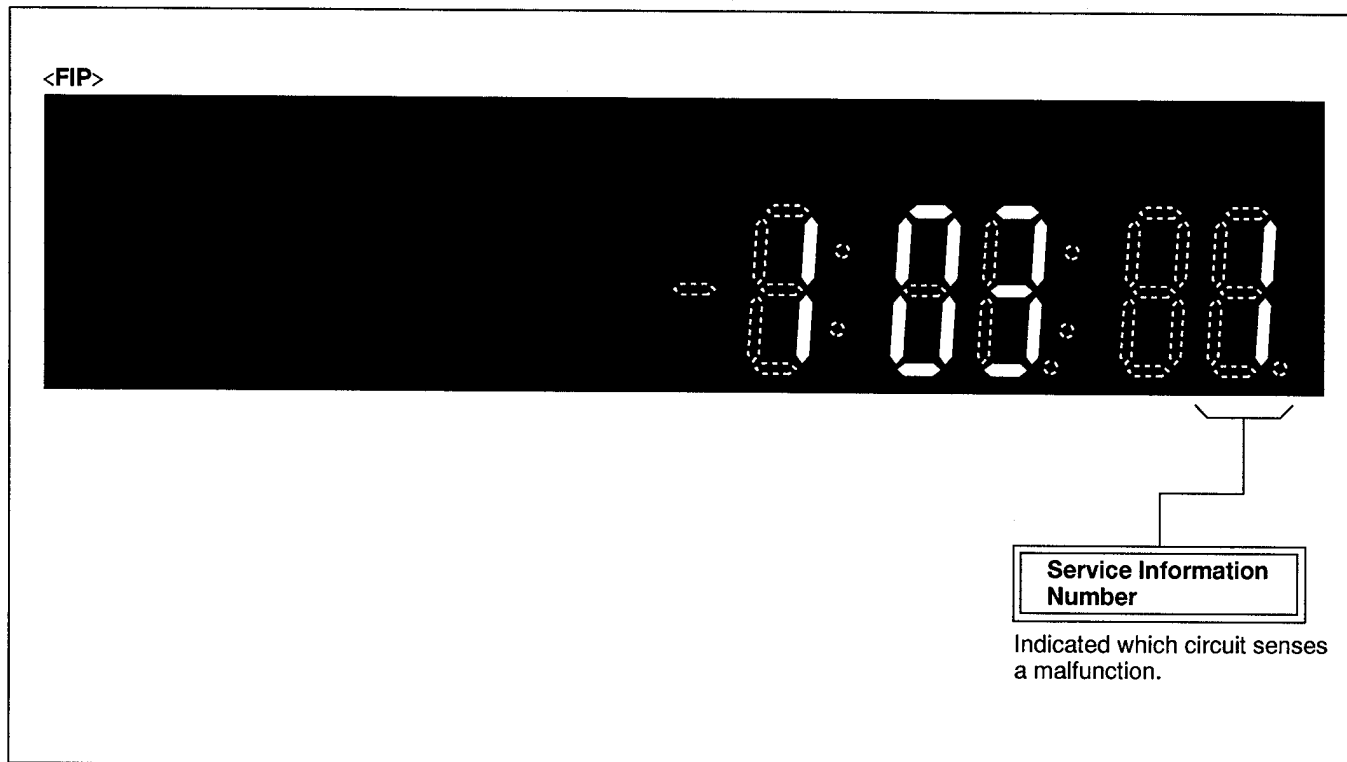


Fig. D3 Service Information Number on S.I.D.

Refer to Fig. D4 for details of Service Information Number.

Note:

The Service Information Number display is independent of the service mode display.

The Service Information Number will be stored as long as AC power is not supplied. (It can be displayed in the Service Mode 2.)

If a second error occurs, only the most recent error will be displayed.

Service Information Number	Malfunction
0	Normal (No problem)
1	Cylinder stop
2	Tape reel stop
3	Stop at position other than 4 or 6
4	Stop during unloading
5	Faulty capstan rotation
6	Stop during Cassette-In/Eject operation

Fig. D4 Detail Service Information Numbers

Service mode Number	Note for checking Service Data Numbers	Service Data Numbers	Indication	Remarks
1		00	No light detected at either sensor.	Tape not required.
		01	Tape Beginning. Light to Supply Photo Sensor is blocked.	
		02	Tape End. Light to Take-up Photo Sensor is blocked.	
		03	Light detected at both sensors.	
2		00	EJECT	Tape Required. *1: STOP; The Pinch Roller is on the capstan motor shaft. *2: STOP; The Pinch Roller is off the capstan motor shaft. Refer to Fig. D7 to Check mechanism Position and timing.
		01	Cassette-down	
		02	REV, REV SLOW	
		03	Loading/Unloading	
		04	PLAY/REC, STILL/PAUSE, CUE, FWD SLOW, STOP3 *1	
		05	STOP *2	
		06	FF/REW	
3	Disregard service data displayed until mechanism operation is completed. Then the display should indicate "00".	07	Intermediate position	Tape Required.
		00	Any display other than "00" indicates a fault in the mode switch circuit or system.	
4	Display only when the operating button is pressed.	Refer to Fig. D6		Tape not required.
5	Left digit only, disregard Right digit display.	01 Left Right Digit Digit	8, 9, u, A, -, n, L, and no display indicate that the Capstan motor "PLAY" command received by IC6001.	Tape required. If a symbol other than those listed is displayed, a malfunction in that circuit is indicated.
	Right digit only, disregard left digit display.	07 Left Right Digit Digit	1, 2, 3, 4, 5, 6, 7, indicate that the Capstan motor "CUE, FF, Forward Slow" commands received by IC6001.	
	Right digit only, disregard left digit display.	08 Left Right Digit Digit	8, 9, u, A, -, n, L, and no display indicate that the Capstan motor "Reverse, Rew, Reverse Slow" commands received by IC6001.	
6	Left digit only, disregard Right digit display.	10 Left Right Digit Digit	1, 3, 5, 7, 9, A, n and no display indicate that the cylinder motor "ON" command received by IC6001.	Tape required. If a symbol other than those listed is displayed, a malfunction in that circuit is indicated.

Fig. D5 Service Data Display and Indication

1-3-5. Timing Chart from Mode SW to System control IC6001

System control IC6001 senses the mechanism position through the Mode SW.

Fig. D6 shows the timing for Service Mode Number 2.

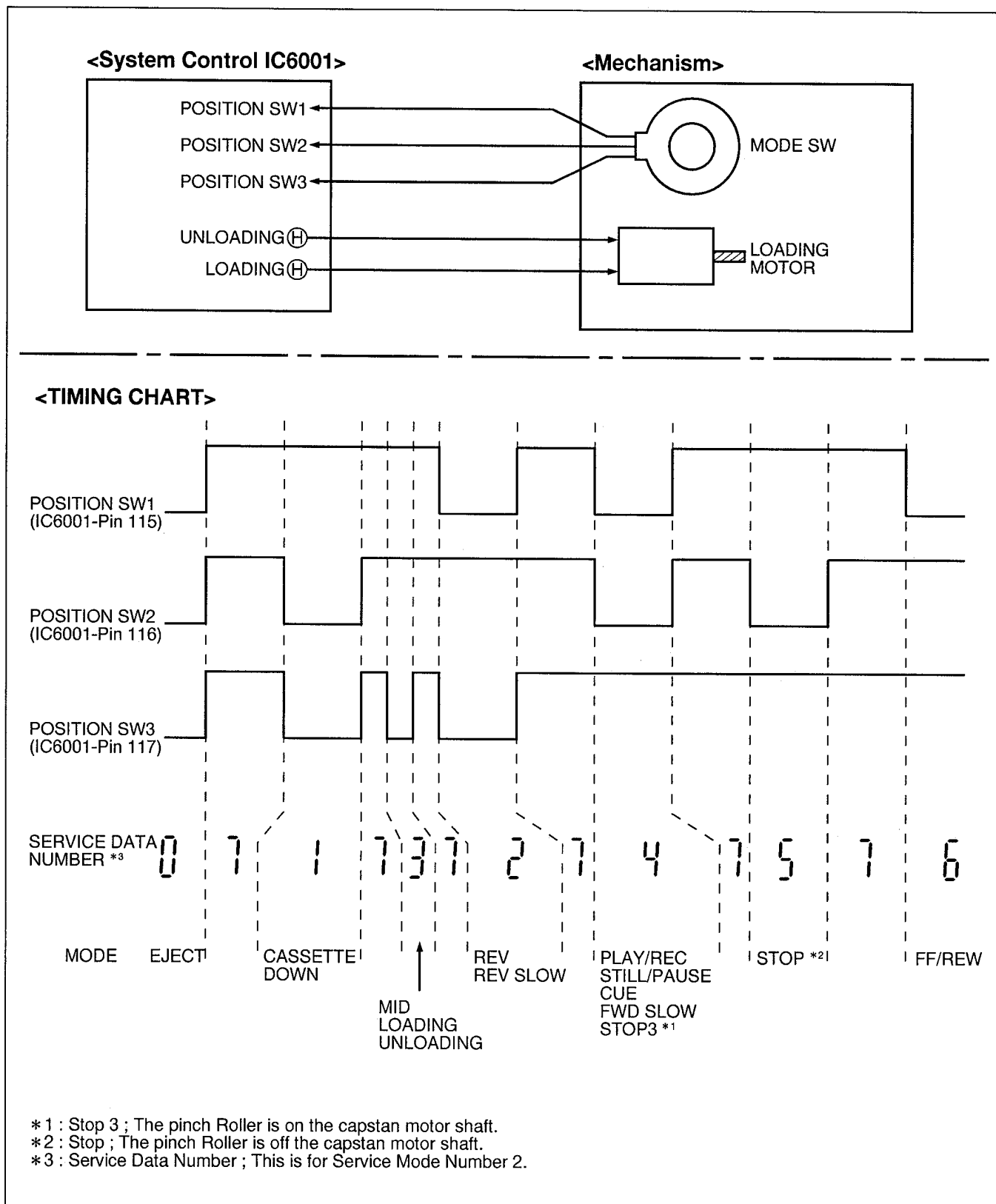
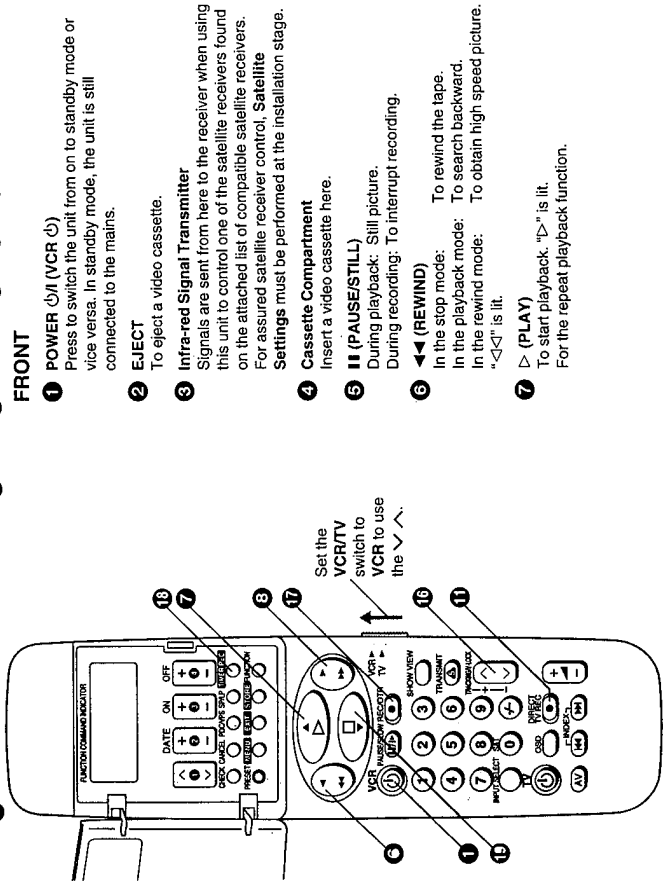
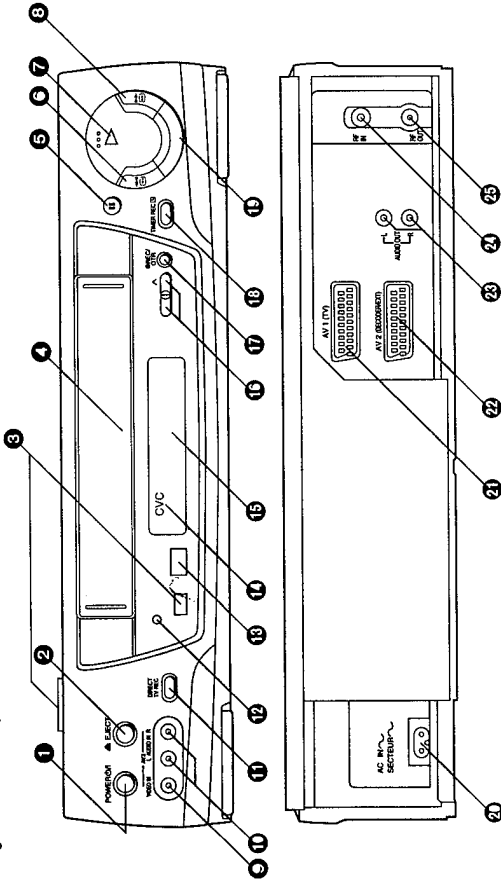


Fig. D6 Timing Chart of Mode SW

Controls and Connection Sockets

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

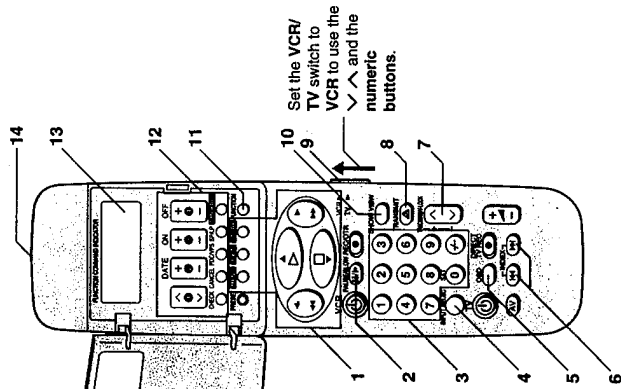


1-4. OPERATING INSTRUCTIONS

- 8 ►► (FAST FORWARD)** To fast forward the tape.
In the stop mode: To search forward.
In the playback mode: To obtain high speed picture.
- 9 ►► "▷" is lit.**
- 9 VIDEO IN (AV3)**
To connect the video cable to a movie camera or to another VCR.
- 10 AUDIO IN (AV3)**
To connect the audio cable to a movie camera or to another VCR.
● Use the L connector for operations in the normal (monaural) mode.
- 11 DIRECT TV REC**
For the Direct TV REC function.
- 12 Standby Indicator**
This indicator is lit when the VCR is turned off or the VCR is timer recording standby mode.
- 13 Infra-red Remote Control Receiver Window**
- 14 CVC (Crystal View Control) Indicator**
Indicates that the CVC function is active. This indicator is normally lit when the power is on.
- 15 Display**
- 16 ▼ ▲**
To select the required programme position (TV station) of the VCR.
These buttons can also be used for tracking adjustment and vertical locking adjustment. See page 6.
Set the VCR/TV switch to VCR to use the ▼ ▲ button on the remote controller.
- 17 REC/OTR**
To start a recording.
For One-Touch Recording (OTR).
- 18 TIMER REC**
To turn the timer recording function on and off.
□ is lit or not lit.
Once operating timer recording function, the normal VCR operation is not possible unless this button is set to off.
- 19 ■, □ (STOP)**
To stop any playback or recording.
- REAR**
- 20 AC IN~**
To connect to the main power supply.
- 21 AV1 (TV)**
This 21-pin scart terminal carries input and output signals for both picture and sound. TV sets equipped with a similar socket can be connected here. This is also called Scart
Peritel
Euro Connector
Euro AV
- 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
- 1 AUDIO OUTPUT
2 AUDIO INPUT
3 AUDIO OUTPUT
4 AUDIO GROUND
5 BLUE GROUND
6 AUDIO INPUT
7 BLUE GROUND
8 SWITCHING VOLTAGE
9 GREEN GROUND
10 CONTROL SIGNAL
11 GREEN
12 No connection
13 RED GROUND
14 BLANKING
15 RED
16 BLANKING
17 VIDEO OUTPUT
18 VIDEO INPUT
19 VIDEO GROUND
20 VIDEO INPUT
21 GROUND
Caution: RGB reservation for only E/E operation when connecting the Pay TV decoder receiver.
- 22 AV2 (DECODER/EXT)**
To connect to a decoder, another VCR or a satellite receiver.
- 23 AUDIO OUT**
To connect the audio cable to a stereo audio system.
- 24 RF IN**
To connect to the external aerial.
- 25 RF OUT**
To connect to the aerial terminal on a TV set.

Infra-red Remote Controller

VCR OPERATION



3 Numeric Buttons

- Ensure that the VCR/TV switch is set to VCR.
- To select the programme positions (1-99) of the VCR.

9: 9
19: 19 → 1 → 9
• To select the satellite programme positions (SAT1-SAT199).

SAT 9: 0 → 0 → 9
SAT 19: 0 → 1 → 9

- To programme a ShowView number.

4 INPUT SELECT

- To select the A1, A2 or A3 external recording source.

5 OSD

- For the On Screen Display Function.

6 INDEX

- For the index search function.

7 V V, TRACKING/LOCK

- Ensure that the VCR/TV switch is set to VCR.
- To select the required programme position (TV station) of the VCR.

- For the tracking adjustment and vertical locking adjustment

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

8 TRANSMIT

- To transmit the data that has been set on the remote controller to the VCR.

9 VCR/TV switch

- VCR: To select the VCR operation mode.
- TV: To select the TV operation mode.

10 SHOW VIEW

- For the ShowView programming.

1 On Screen Display Menu Operation Buttons

- The buttons with the green characters are used for the on screen display menu operation.

MENU:

- To make On Screen Display Main Menu appear on the TV screen.

EXIT:

- To exit the menu.

STORE:

- To confirm the selection, or to store.

▲ ▼ ◀ ▶:

- To make selections from On Screen Display.

- These buttons can also be used for the playback, stop, rewind and fast forward mode.

2 PAUSE/SLOW

- During playback:

- When pressed once: Still picture. "00" is lit.

- When pressed for 2 seconds or more: Slow playback. "10" is lit.

- During recording: To interrupt recording.

11 FUNCTION

- To display or select the command menu on the display of the remote controller.

- Press this button repeatedly until the desired command menu flashes on and off, and then press TRANSMIT.



AUDIO OUT:

- To select the desired sound mode.
- At the every push of TRANSMIT button, the audio output mode changes as follows.

→ Stereo → Left → Right → Normal audio track

- The Left (L) and Right (R) Indicators shown which sound mode is selected in the following way.

- Stereo: Both the L and R Indicators appear.

- Left: The L Indicator appears.

- Right: The R Indicator appears.

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

DISPLAY:

- To change the indication on the VCR Display or On Screen Display.

→ Clock → Counter → Remaining Tape Time

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.

AV LINK:

- To select the VCR mode or TV mode for AV LINK.

12 Timer Recording Operation Buttons

- V V, DATE, ON, OFF:

- To programme a timer recording.

- CHECK: To check timer programmes.

- CANCEL: To cancel timer programmes.

- PDC/WPS: To set the PDC/WPS recording option or cancel the option.

- SP/LP: To select the tape speed desired for recording.

- SP gives the best picture quality.

- LP gives the longest recording time.

- TIMER REC: To turn the timer recording function on and off. [] is lit or not lit.

- Once operating timer recording function, the normal VCR operation is not possible unless this button is set to off.

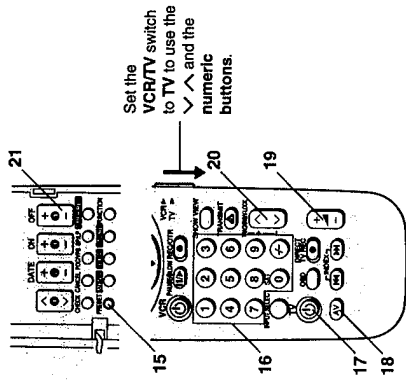
13 Display

14 Infra-red Transmitter

- The programming data are transmitted from here to the VCR.

TV OPERATION

- Refer to page 42.



15 PRESET

- To set the remote controller for operation of the TV.

16 Numeric Buttons

- To select programme positions (1-99) of the TV.
- Ensure that the VCR/TV switch is set to TV.

17 TV

- Press to switch the TV from on to standby mode or vice versa. In standby mode, the TV is still connected to the mains.

- With some TV models, it may only be possible to switch the TV to the standby mode using this button. In this case, use the numeric buttons, AV or V V to switch the TV on.

18 AV

- To select TV Input.

19

- To adjust the volume of the TV.

20 V V

- To select the required programme position (TV station) of the TV.

- Ensure that the VCR/TV switch is set to TV.

21 OFF

- To set the remote controller for operation of the TV.

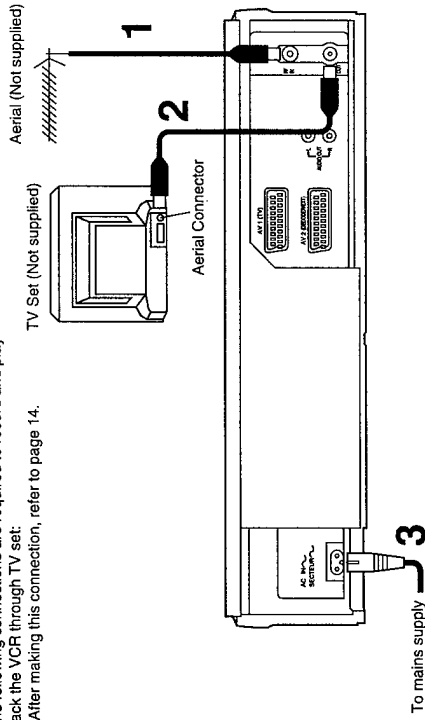
Connections

This tells you how to connect with an aerial, TV, etc.

Basic Connections

The following connections are required to record and play back the VCR through TV set:

- After making this connection, refer to page 14.



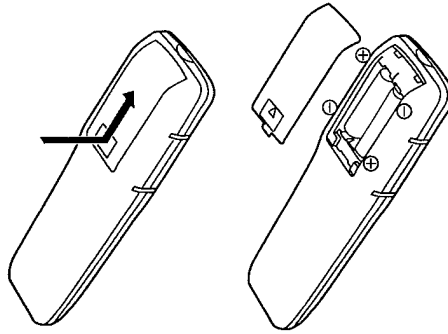
Power Source for the Remote Controller

The remote controller is powered by 2 "AA", "UM3" or "R6" size batteries. The life of the batteries is about one year, although this depends on the frequency of use.

Precautions for Battery Replacement

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

Installing the Batteries

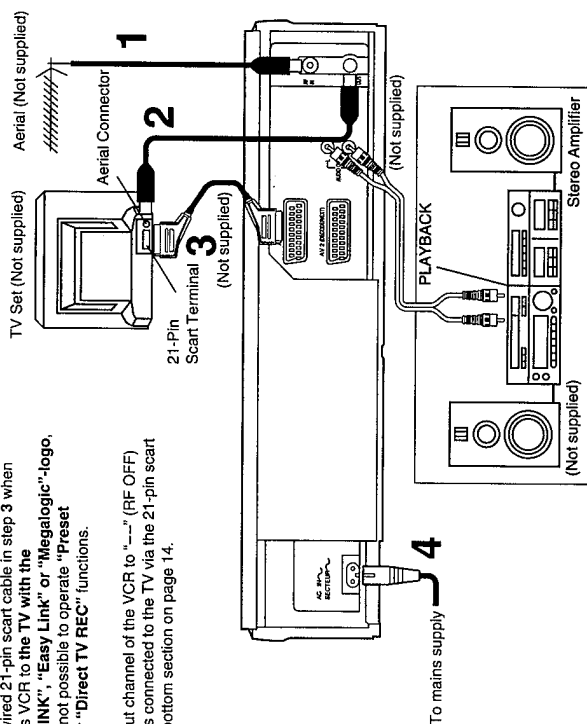


Connection to a TV Set with 21-Pin Scart Terminal

- After making this connection, refer to page 15 or 16.
- Use the fully-wired 21-pin scart cable in step 3 when connecting this VCR to the TV with the "NEXTVIEWLINK", "Easy Link" or "Megalogic"-logo, otherwise it is not possible to operate "Preset Download" or "Direct TV REC" functions.

Note:

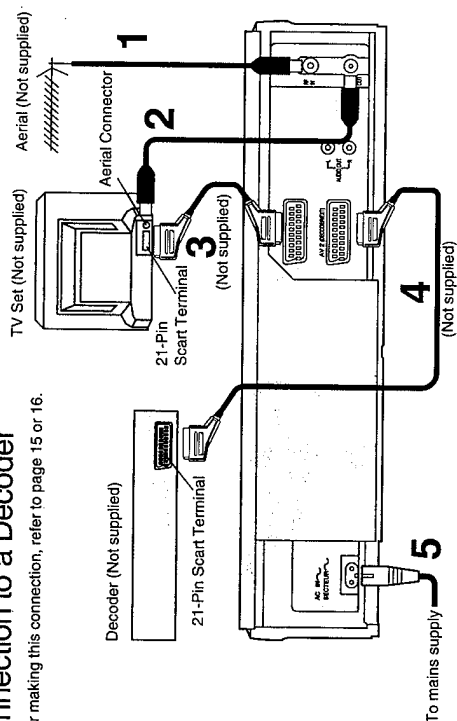
Set the RF output channel of the VCR to "..." (RF OFF) when the VCR is connected to the TV via the 21-pin scart cable. See the bottom section on page 14.



• Connection to a Stereo Amplifier

Connection to a Decoder

- After making this connection, refer to page 15 or 16.



Notes:

- If the TV set is provided with an RGB-compatible connector, connect the 21-pin AV cable from the VCR to this connector. Use the fully-wired 21-pin scart cable for connecting the TV set and VCR and for connecting the VCR and decoder.
- Set the RF output channel of the VCR to "..." (RF OFF) when the VCR is connected to the TV via the 21-pin scart cable. See the bottom section on page 14.
- When the decoder is connected to the AV2 socket, AV2 Connection must first be set to **DECODER**. (See page 40.)

AV LINK

With this button the connected colour TV set can be switched from TV mode to VCR mode (vice versa) when it is connected by means of 21-pin scart cable.

This makes a variety of functions possible, such as simultaneous recording and viewing when a Pay TV decoder or a satellite receiver has been connected.

VCR mode (VCR Indicator lights):

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

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

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

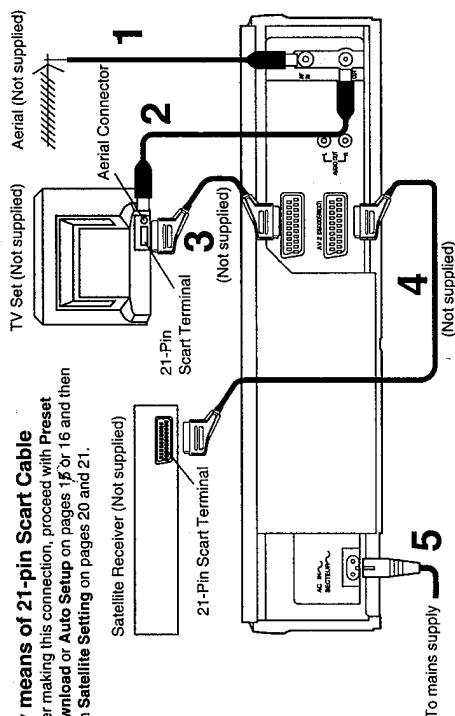
*When the VCR is set to the TV mode and the Pay TV channel is selected, the signals will still be scrambled even when Pay TV is selected by the TV set's tuner. At a time like this, either set the VCR to the VCR mode or switch the TV set's input signals to AV input.

Connection to a Satellite Receiver

- The satellite receiver control functions are activated when connection is made to one of the satellite receivers found on the attached list of compatible satellite receivers, provided that the settings from pages 19 to 21 have been performed. Also make absolutely sure that the satellite receiver is installed in a location as per the figure below.
- Also refer to the operating instructions for the satellite receiver.
- The unit may not operate properly if it has not been installed in a satisfactory position.

Ⓐ By means of 21-pin Scart Cable

After making this connection, proceed with **Preset Download or Auto Setup** on pages 15 or 16 and then with **Satellite Setting** on pages 20 and 21.

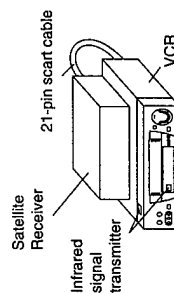


Notes:

- Set the RF output channel of the VCR to "—" (RF OFF) when the VCR is connected to the TV via the 21-pin scart cable. See the bottom section on page 14.
- When a decoder is to be connected in addition to the satellite receiver, read the Operating Instructions accompanying the decoder.
- The AV LINK function may not work, depending on the type of satellite receiver.
- When the satellite receiver is connected to the AV2 socket, **AV2 Connection** must first be set to **EXT**. (See page 40.)

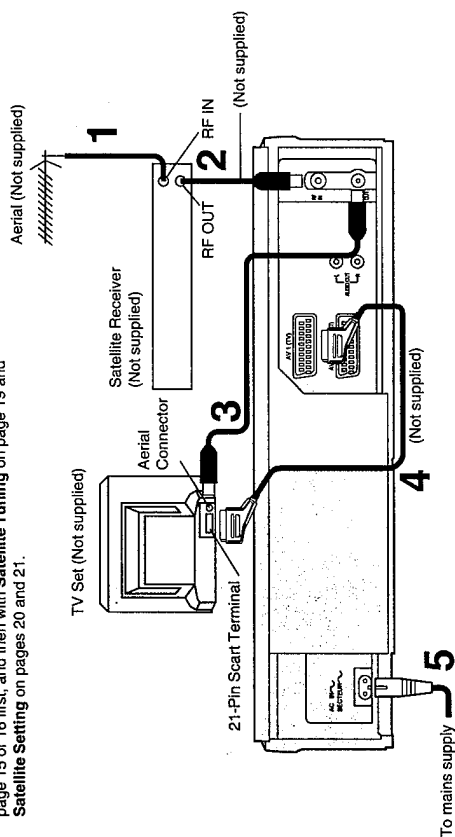
How to Install

We recommend that the satellite receiver be placed on top of the VCR, positioned so that the infrared signal transmitter is clearly accessible.



Ⓑ By means of RF Coaxial Cable

After making this connection, proceed with **Preset Download or Auto Setup** on page 15 or 16 first, and then with **Satellite Tuning** on page 19 and **Satellite Setting** on pages 20 and 21.



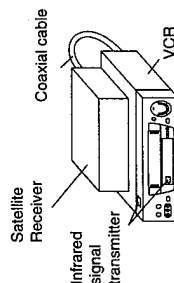
RF output channel of the satellite receiver should be adjusted away from channel 36, which is used by the VCR, e.g. re-adjust to channel 33.

Note:

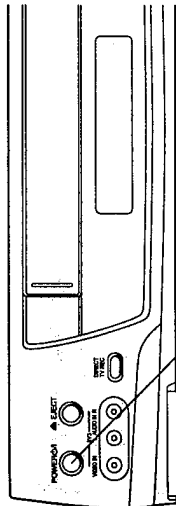
Set the RF output channel of the VCR to "—" (RF OFF) when the VCR is connected to the TV via the 21-pin scart cable. See the bottom section on page 14.

How to Install

We recommend that the satellite receiver be placed on top of the VCR, positioned so that the infrared signal transmitter is clearly accessible.



Tuning the TV to your VCR



The VCR supplies a signal to the TV set via the RF coaxial cable on channel 36.

It is possible to view the video picture on your TV in the same way that you watch TV broadcasts.

If you have connected the VCR to the TV through the 21-pin scart terminal, then you do not need to follow the procedure mentioned below.

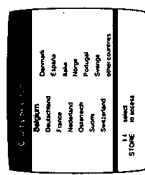
Operations

- 1 Turn on the TV and VCR.
 - 2 Keep **MENU** pressed for 5 seconds or more.
 - Press the button until "Ch" appears in the VCR display.
 - 3 Set the TV to an unused position which you wish to use for your video playback.
 - Tune the TV until the test pattern appears on the screen.



(Test Pattern)

- Press **STORE** to exit the Test Pattern screen. The **Country-Selection** display appears. Now refer to page 16.



(Country-Selection)

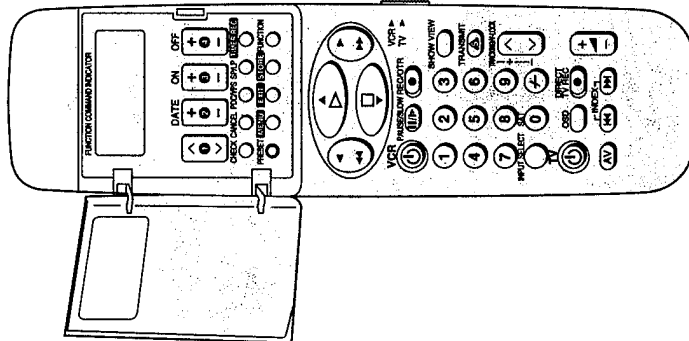
Use the remote controller for changing the RF output channel setting:

channel (21-69).

- Follow the steps 1 and 2 above.
- 3 Enter the desired channel number (21–69) by using the numeric buttons or the \vee of the remote controller.
- Set the RF output channel of the VCR to “u-” (RF OFF) when the VCR is connected to the TV via the 21-pin scart cable.
- 4 Press **STORE** to finish the setting mode.
- Retune your TV to the new channel for the VCR.
 - After the **Country-Selection** is set, the **Country-Selection** screen will not be displayed even if the RF output channel is changed and the **STORE** button is pressed.

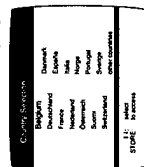
Preset Download

When the VCR is connected to a TV with the "NEXTVIEWLINK", "Easy Link" or "Megalogic"-logo using the fully-wired 21-pin scart cable, the station list data will be copied from the TV to the VCR and the TV channel will be preset on the VCR.



When the VCR is turned on after being connected to a TV with the "NEXTVIEWLINK", "Easy Link" or "Megalogic"-logo using the fully-wired 21-pin scart cable, follow the procedure below.

On Screen Display



- Select the desired country.
-
- When Switzerland or Belgium has been selected, operation moves to the screen which follows. Select the item in accordance with the language with the language required.
-
- Select Download from TV.
-
- When performing Manual Tuning described hereafter on page 35, be sure to select **Start auto setup**. This is because when the tuning controls for the TV are changed, this information is downloaded to the VCR again, possibly erasing the independent contents input by Manual Tuning.
-
- When downloading is started automatically.
-
- When the downloading has finished, Short ATP (Auto Tuner Present) is started automatically.
-
- When Short ATP has finished, the lowest channel position at which a broadcast can be tuned in is received.
-

Note:

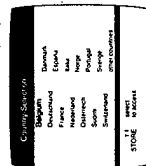
Note. Download will not work when the VCR is connected to a TV with the "NEXTVIEWLINK", "Easy Link" or "MegaLogic" logo but with a fully-wired 21-pin scart cable. In this case, perform **Auto Setup** on the next page.

Auto Setup

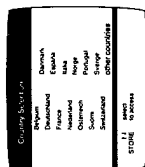
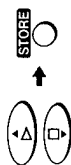
Auto Setup

When the VCR is turned on after connecting to a TV other than a TV with the "NEXTVIEWLINK", "Easy Link" or "MegaLogic"-logo using the fully-wired 21-pin scart cable, follow the procedure below.

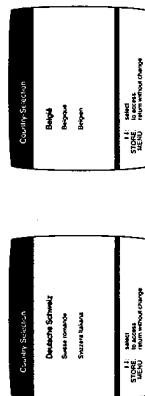
On Screen Display



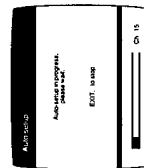
Select the desired country.



• When Switzerland or Belgium has been selected, operation moves to the screen which follows. Select the item in accordance with the language required.



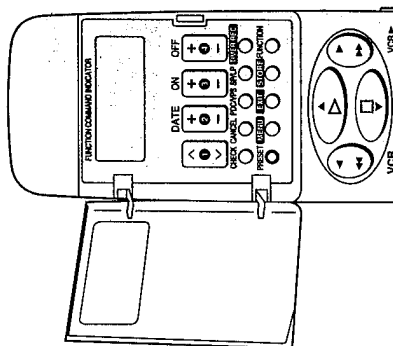
Auto Setup (Auto tuning and Auto clock setting) starts automatically.



- The Auto setup is searching for TV station from VHF minimum to UHF maximum and memorizing the data for every programme position. The other programme positions are skipped.
- The Auto setup takes five or more minutes to complete the search for TV station and the clock setting.

Notes:

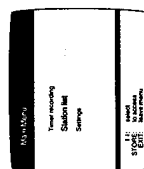
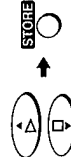
- If VCR is not correctly set by Auto setup, see Various Settings on pages 35-38.
- Auto clock setting will not work correctly if teletext information is not available. If the clock setting screen appears after auto tuning has been completed, set clock manually. See page 38.
- Clock information is subject to teletext information. If year information is not in teletext or time information in teletext is incorrect, set clock manually. See page 38.



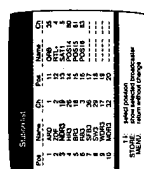
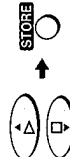
Viewing the TV station list

- 1 Press MENU.

- 2 Select Station list.



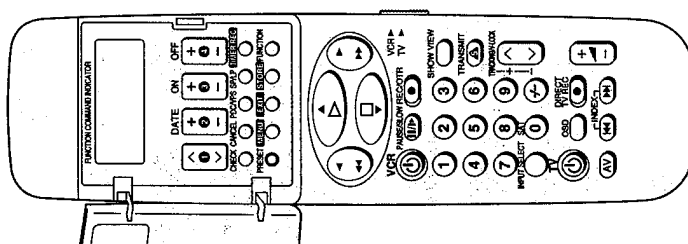
- 3 Select the desired TV station, if you want to view the broadcast.



Auto Setup Feature Important Information

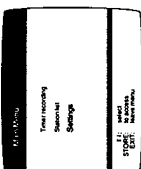
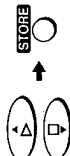
(Only after performing Auto Setup)

The Auto Setup feature tunes in your channels automatically. However, under certain circumstances in some transmission areas certain channels may not be assigned a channel name or their normal channel position. If this is the case they will need to be tuned manually. If Auto setup is not successful, please follow the steps below.

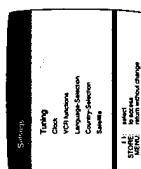
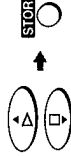


Operations

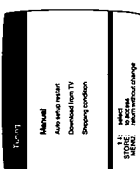
- 1 Press MENU, and then select On Screen Display Settings.



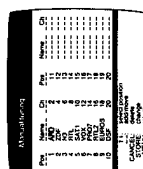
- 2 Select Tuning.



- 3 Select Manual.



- 4 The STATION LIST is now displayed. (Channel information will vary.)



If all station names are displayed, no manual tuning adjustment is needed. However, follow the steps on the next page when there is a * mark at the beginning of the station name display, even if the station name is displayed.

Satellite Settings

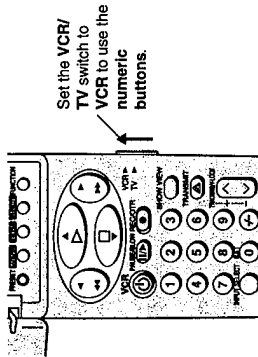
Satellite Tuning

When the RF connection of ⑧ on the satellite receiver connection page has been performed, the following settings must be carried out in order to activate satellite control.

These settings are not necessary when the 21-pin cable ⑨ has been used for the connection. (See page 13.)

Preparations

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

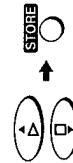


Follow the operation guide on screen display.

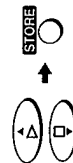
Operations

1 Press MENU.

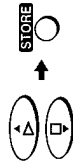
2 Select Settings.



3 Select Tuning.

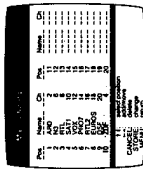


4 Select Manual.



7 Press MENU once.

If any other TV station names are marked *□□□□, repeat steps 4→7.



Note:
See page 36 for changing the programme position.

If manual tuning adjustment is required, follow the steps indicated below.

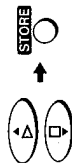
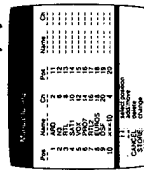
When changing or installing station name;

Operations

Follow steps 1 to 3 on the previous page.

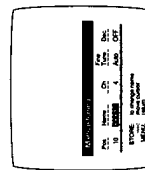
4 Select the station(s) named *□□□□.

Establish which channel you are viewing, by checking your TV Guide/ Newspaper.

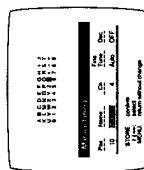


• "□" indicates the position number or station name. This is the same as steps 6 and 7.

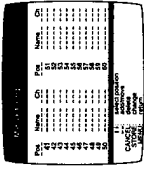
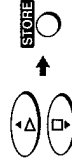
5 Next, highlight the TV station name.



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

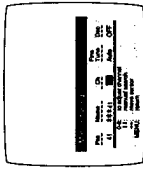


5 Select unoccupied Programme position.

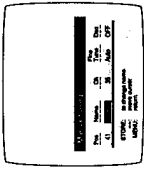


6 Select a channel (Ch) on which satellite broadcasts can be viewed.

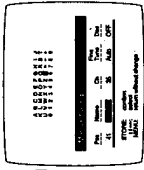
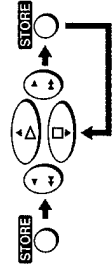
- Ensure that the VCR/TV switch is set to VCR.



7 Select the TV station name (Name) item.



8 Enter "SAT _ _".



- " _ " indicates two blank spaces. Enter the space to the right of "Z" on the keyboard.
- "SAT" is a special term; use it only when a satellite receiver is connected.
- If "SAT" is already displayed, this step is unnecessary.

9 Press MENU, and then press EXIT.

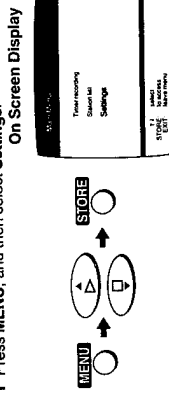
Note:

When **Preset Download (Download from TV)** has been performed, change the name of the channel for viewing the satellite broadcast on the TV to "SAT" instead of executing this page (refer to the operating instructions of the TV). If this step is taken, preset Download is performed again automatically, and the name of the VCR's SAT channel is also changed.

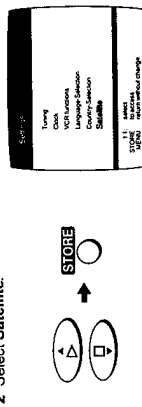
Satellite Setting

Proceed with the settings described below in order to activate the satellite receiver control functions. These settings are supported only by the satellite receivers found on the attached list of compatible satellite receivers.

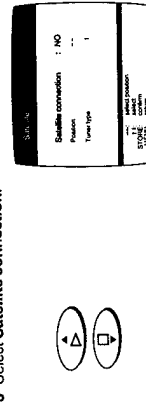
1 Press **MENU**, and then select **Settings**.



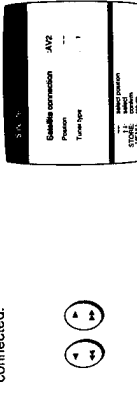
2 Select **Satellite**.



3 Select **Satellite connection**.



4 Select the position where the satellite receiver is connected.



- NO: When the satellite receiver is not connected to the VCR.
- RF: When the satellite receiver is connected to RF IN socket of the VCR.
- AV1: When the satellite receiver is connected to AV1 socket of the VCR.
- AV2: When the satellite receiver is connected to AV2 socket of the VCR.
- The **Position** item is also automatically set when **RF** has been selected, and cannot be changed here.

Preset Type

The satellite receiver mode must be set before attempting to select satellite channels or perform timer recording. The procedure to set the mode can be divided into the following 5 types by satellite receiver. Check which one applies on the attached list before proceeding.

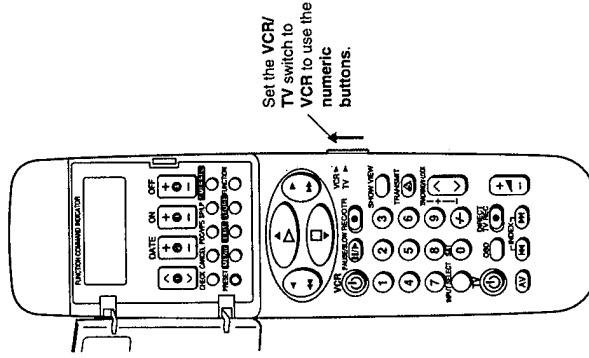
Preset type	Controllable functions
A	Keep the satellite receiver's power ON.
B	No action needs to be taken. (The satellite receiver's power may even be OFF.)
C	After having turned on the satellite receiver's power, select the 2-digit display mode.
D	Turn on the satellite receiver's power, and switch to the tuner used by the VCR.
E	Turn on the satellite receiver's power, and switch to the tuner used by the VCR. Then select the 2-digit display mode for the satellite receiver.

Check out the compatible satellite receiver list on the attached list thoroughly before purchasing a new receiver.

Notes:

- The VCR may not be able to control some products or models of satellite receiver, due to the choice of remote control coding being beyond our control.
- Check that the satellite receiver can be properly controlled.
- Try satellite broadcast timer recording once to check that timer recording works properly.

How to select the satellite channel

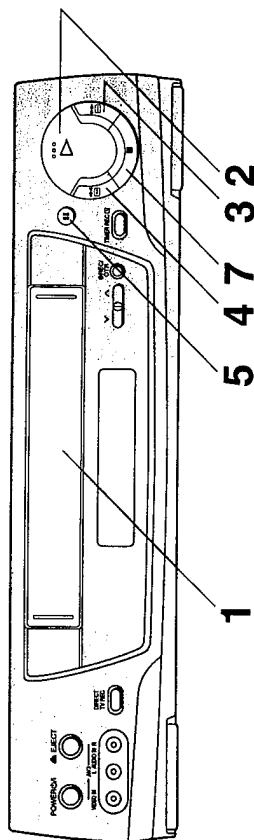


- Press the numeric buttons on the remote controller.
- Ensure that the **VCR/TV** switch is set to **VCR**.

SAT 9: 0 → 0 → 9
SAT 19: 0 → 1 → 9

- There will be a slight delay after pressing a button before channel change occurs. This is due to signal conversion.
- The range of satellite channels available for selection is 1 through 99.
- With some satellite receivers, it is not possible to select satellite channels up to 99.
- With some satellite receivers, it is not possible to select any more channels beyond the highest number of the channels which can be selected by the satellite receiver if that number is 99 or less.
- With some satellite receivers, it is necessary to leave a short interval after selecting one channel before attempting to select another channel.
- If the display on the satellite receiver fails to indicate the channels, refer to the operating instructions of the satellite receiver and follow the procedure for displaying the channels.

Playback



Operations Display Symbols

1		Insert a recorded cassette tape.
2		Start viewing the picture.
3		Search forward by tapping ▶▶ (FAST FORWARD) . • To change back to normal playback, press ▷ (PLAY) .
4		Search backward by tapping ◀◀ (REWIND) . • To change back to normal playback, press ▷ (PLAY) .
5, 6		View a still picture. • Press PAUSE/SLOW or (PAUSE/STILL) . • To continue the normal playback, press ▷ (PLAY) , PAUSE/SLOW or (PAUSE/STILL) .
6		View a slow motion picture. • Keep PAUSE/SLOW pressed for 2 seconds or more. • To continue the normal playback, press ▷ (PLAY) .
7		Stop viewing the picture.

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

Other Playback Functions

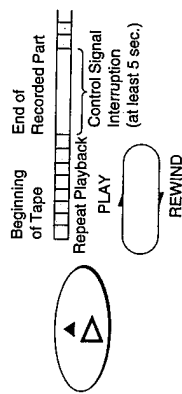
To obtain High Speed Picture during Fast Forward or Rewind

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



To playback the Recorded Part Repeatedly

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

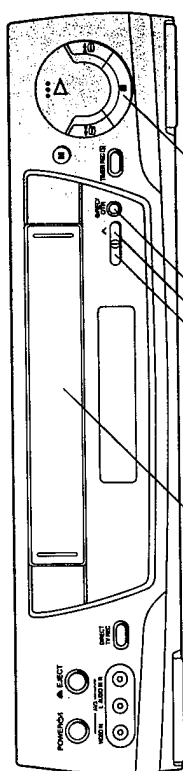


• Press **◻ (STOP)** to release from Repeat Playback mode.

Notes:

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

Manual Recording



Operations

- 1 Insert a video cassette with an intact erasure prevention tab.
• If it has already been inserted, press **POWER ON (VCR ⏻)** to turn the VCR on.
- 2 Select TV station:
• It is also possible to select by pressing numeric button.
• Ensure that the **VCR/TV** switch is set to **VCR**.
- 3 Set the **VCR/TV** switch to **VCR** to use the **VCR** and the numeric buttons.
- 4

Display Symbols

- 1
- 2
- 3
- 4

To select the Desired Tape Speed

Press **SP/LP** before recording.



To interrupt Recording

Press **PAUSE/SLOW** or **II (PAUSE/STILL)** during recording.
Press again to continue recording.

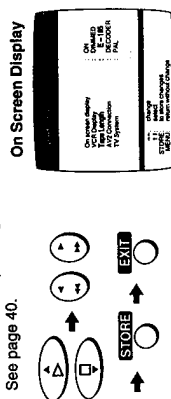


To record One TV Programme while Viewing Another Programme

- 1 Refer to the manual recording operations steps 1 to 3.
- 2 Select the TV programme on your TV set you wish to view at the present time.

To display the Approximate Remaining Tape Time

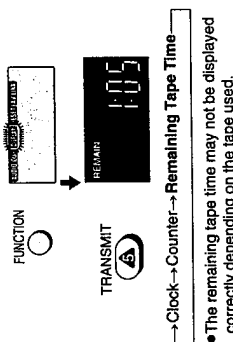
- 1 Select **Tape Length** from On Screen Display and select the corresponding cassette tape length. See page 40.



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

- 2 Press **FUNCTION** repeatedly until **DISPLAY** flashes on the remote controller display, and then press **TRANSMIT**.

Display Symbols



→ Clock → Counter → Remaining Tape Time

- The remaining tape time may not be displayed correctly depending on the tape used.

Recording of Stereo and Bilingual Programmes

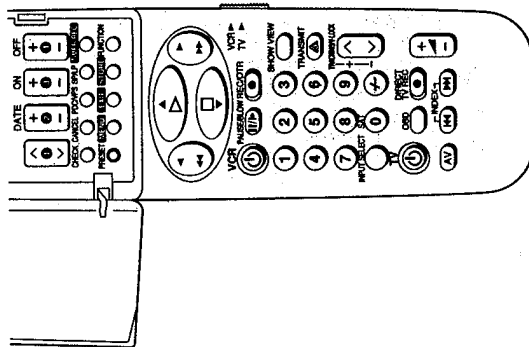
- 1 Recording is automatically made in the stereo or bilingual mode. This prevents errors in the selection of the dubbed or the original language.

- 2 During playback press **FUNCTION** repeatedly until **AUDIO OUT** flashes on the remote controller display, and then press **TRANSMIT** to select the desired sound mode.



Notes:

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



The NICAM Broadcast System (NV-HD625EC only)

NV-HD625EC is equipped with the NICAM sound system also.

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

NICAM programmes are always accompanied by standard sound broadcasts and you can select the desired sound with **AUDIO OUT** (See page 7) during playback.

- The NICAM digital stereo sound can only be recorded on the Hi-Fi audio track.
- To record the regular sound (ordinary normal sound) on the FM audio tracks when a Stereo, Bilingual or NICAM programme is received, select **Mono ON** during manual tuning procedure. See page 35.

Important Note for the NICAM System

When NV-HD625EC is switched on, the tuner will automatically switch to a NICAM broadcast, if NICAM is being transmitted. During test transmissions, it is possible that the sound received doesn't correspond to the picture being viewed. In order to receive a synchronized sound and picture, select monaural sound with **AUDIO OUT** (See page 7) or **Mono ON** setting. This will only apply until NICAM transmissions are fully operational. Even if the sound track is in MONO, the stereo indicator will appear.

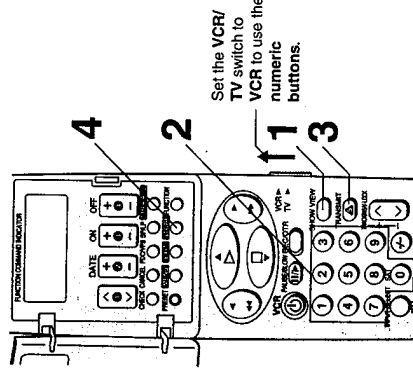
Timer Recording

ShowView Programming

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

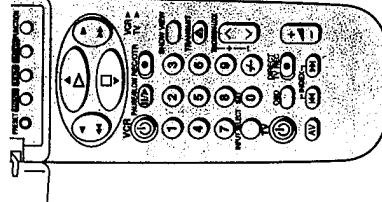
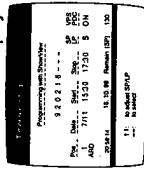
Preparations

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



Operations Display Symbols

- 1 Press SHOW VIEW.**
SHOW VIEW
- 2 Enter a ShowView number.**
Example: 920216
• To select the desired tape speed, press SPLP button.
- 3 Press TRANSMIT.**
TRANSMIT



Direct TV REC

When you want to record a TV programme while you are watching TV, simply press the **DIRECT TV REC**. However, this function works only when this VCR is connected to a TV with the "NEXTVIEWLINK", "Easy Link" or "Megalink" logo using the fully-wired 21-pin scart cable.

Preparation

Insert a video cassette with an intact erasure prevention tab.

Operation

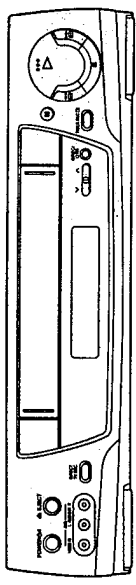
When you are watching TV and you want to record the programme quickly, press the **DIRECT TV REC**. Then the recording will start.



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

Notes:

- Even if the programme positions are not the same, the programme position of the VCR switches to the same position of the TV. Upon completion of the recording, the programme position of the VCR returns to the previous position.
- Do not use **FUNCTION** button's AV LINK function during Direct TV REC, as recording may not be performed normally.
- In some cases, it may not be possible to change the TV channel during Direct TV REC.
- Check beforehand whether the tape may be used for recording.



One-Touch Recording (OTR)

Whenever you are in a hurry to start a timer recording with automatic stop in your absence, simply set the recording duration by pressing **REC/OTR** repeatedly. The duration indicated on the VCR display changes by pressing **REC/OTR** as follows:

Counter display (normal recording mode) → 30 (min.) → 120 (min.) → 180 (min.) → 240 (min.)

Preparation

Insert a video cassette with an intact erasure prevention tab.

Operations

- 1 Ready the video source which is to be recorded, and start recording.**
- 2 Press REC/OTR repeatedly to select the desired recording duration.**



- The VCR will automatically switch off when OTR is completed. To turn the VCR on again, press **POWER** (VCR).

Notes:

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

- To extend the ending time or to make any corrections, use buttons **▲ ▼ ◀ ▶** or **PBC/VPS**.
- See page 31 for PDC/VPS recording.

If the "..." appears in the programme position:

- Select the programme position of your VCR which receives the TV station you entered at step 2 using button **▲** or **▼**.
- After several seconds have elapsed, the message display at the bottom of the OSD is replaced by the operation guide display.
- Once programming is performed after the programme position has been selected here, the guide channel will be automatically stored so that the correct position will appear when the ShowView code for this station is next entered.

When satellite broadcasts have been programmed:

- Only when first time use ShowView code for Satellite channels, "..." appears on the programme position item.
- In this case, press the numeric buttons to input the satellite channel.
- Press **SHOW VIEW** to release the ShowView mode.
- Ensure that the **VCR/TV** switch is set to **VCR**.

SAT 9: 0 → 0 → 9
SAT 19: 0 → 1 → 9

- Once programming is performed after the programme position has been selected here, the guide channel will be automatically stored so that the correct position will appear when the ShowView code for this station is next entered.

4 Press STORE to confirm.

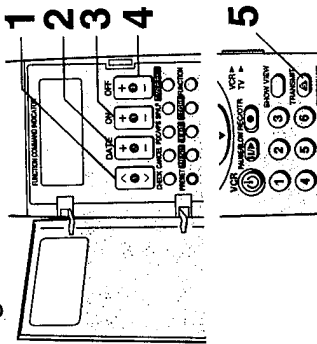


- The VCR will be in the timer recording standby mode after about 20 seconds, if **STORE** is not pressed.

Notes:

- To release from the standby mode, press **TIMER REC**.
- When the ShowView number is used for programming, the recording time may be slightly longer than the actual programme time.
- When programming two or more programmes, repeat steps 1-4.
- The procedures for checking and cancelling a timer programme are the same as on page 30.

Using the Remote Controller



For Example:

Programme position (channel): 2
Date: 27th, October
Starting time: 20:00
Ending time: 21:30

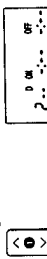
Preparation

- Insert a video cassette with an intact erasure prevention tab.
- Open the door of the remote controller.

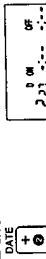
Operations

Display Symbols

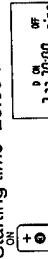
1 Set Programme position (channel) "2".



2 Set Date "27".

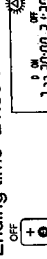


3 Set Starting time "20:00".



- When it is kept pressed, the indication changes in 30-minute steps.

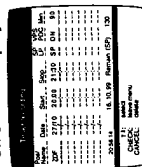
4 Set Ending time "21:30".



5 Press TRANSMIT.



- The VCR will be in the timer recording standby mode after about 20 seconds.



- To release from the standby mode, press **TIMER REC.**
- See page 31 for PDC/VPS recording.
- To make a change to what has been programmed (for instance, to change **VPS/PDC** to **ON** or **OFF**), follow the procedure for On Screen Display Programming. (See page 29.)

Weekly Timer Recording

In step 2, select the desired day by pressing **DATE**.



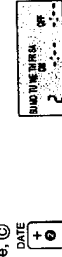
(SU=Sunday, MO=Monday, TU=Tuesday, WE=Wednesday, TH=Thursday, FR=Friday, SA=Saturday)

Daily Timer Recording

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

- A) Daily recording from Monday to Friday
- B) Daily recording from Monday to Saturday
- C) Daily recording from Sunday to Saturday

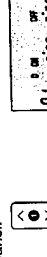
In step 2, select the desired days by pressing **DATE**.



Timer Recording from External Signal

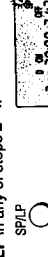
If Timer Recording is performed by a unit connected to the AV1 (TV), AV2 (DECODER/EXT) Socket or AV3 (Audio/Video input sockets), select the A1, A2 or A3 indicator for the programme position.

- A1: Through the AV1 (TV) socket.
- A2: Through the AV2 (DECODER/EXT) socket.
- A3: Through the AV3 (AUDIO IN/VIDEO IN) sockets on front panel.



Selecting the Desired Tape Speed

Press **SP/LP** in any of steps 2-4.



Checking and Cancelling a Timer Programme

The procedures for checking and cancelling a timer programme are the same as on page 30.

Note:

Timer recording of satellite broadcasts cannot be performed using **V**, **A**, **DATE**, **ON**, **OFF**, and **TRANSMIT** on the remote controller.

Using On Screen Display

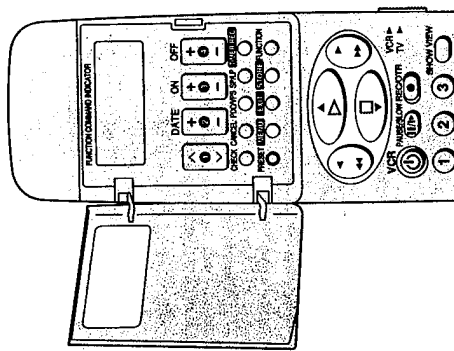
Up to 8 timer programmes can be recorded up to one month in advance by setting the timer, including weekly and daily programmes.

Preparations

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

For Example:

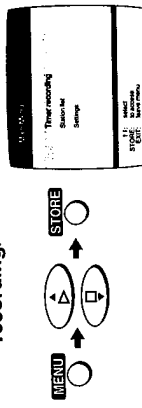
Programme position (channel): 2
Date: 27th, October
Starting time: 20:00
Ending time: 21:30
(Present date: 16th, October)



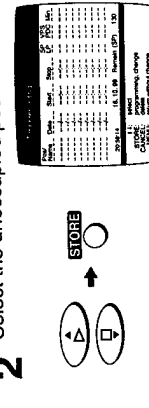
Follow the operation guide on screen display.

Operations

1 Press MENU, and then select Timer recording.

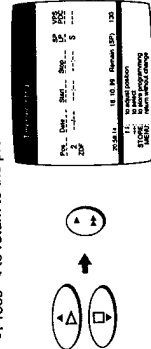


2 Select the unoccupied position.

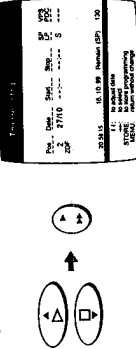


3 Set Programme position (channel) "2".

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

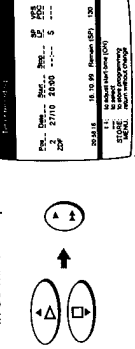


4 Set Date "27/10".

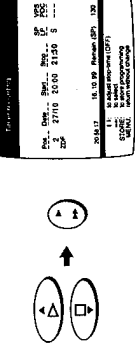


5 Set Starting time "20:00".

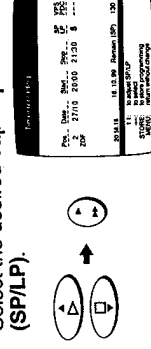
- When it is kept pressed, the indication changes in 30-minute steps.



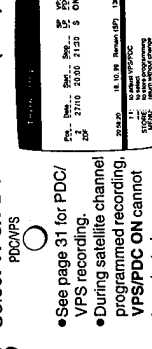
6 Set Ending time "21:30".



7 Select the desired Tape speed (SP/LP).



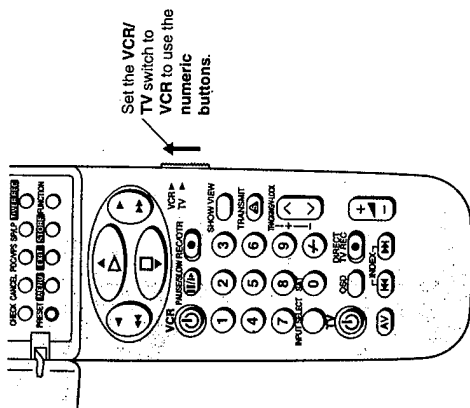
8 Select VPS/PDC ON or OFF (---).



- See page 31 for PDC/VPS recording.
- During satellite channel programmed recording, **VPS/PDC ON** cannot be selected.

9 Press STORE.

10 To activate timer recording, press **TIMER REC.**



Weekly Timer Recording

In step 4, select the desired day by pressing ▼.

Daily Timer Recording

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

- Ⓐ Daily recording from Monday to Friday
 - Ⓑ Daily recording from Monday to Saturday
 - Ⓒ Daily recording from Sunday to Saturday
- In step 4, select the desired days by pressing ▼.

Timer Recording from External Signal

Source

If Timer Recording is performed by a unit connected to the AV1 (TV), AV2 (DECODE/EXT) socket or AV3 (Audio/Video input sockets), select the A1, A2 or A3 indicator for the programme position.

- A1: Through the AV1 (TV) socket
- A2: Through the AV2 (DECODE/EXT) socket.
- A3: Through the AV3 (AUDIO IN/VIDEO IN) sockets on front panel.

Setting other Programmes in Succession

Repeat steps 2-9.

Satellite Channel Programmed Recording

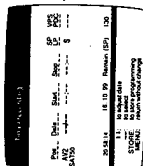
When selecting the programme position (channel), use the numeric buttons to select a satellite channel.

- Ensure that the VCR/TV switch is set to VCR.

SAT 9: 0 → 0 → 9

SAT 19: 0 → 1 → 9

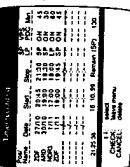
On Screen Display



- PDC/VPS programming is not possible in conjunction with satellite programmed recording.
- In the case of some satellite receivers, the power remains off for several seconds when timer recording commences.
- With some satellite receivers, the first several seconds will not be recorded when the timer recording function is used.
- With some satellite receivers, the power goes off if the recording is stopped while timer recording is still underway.

Checking a Timer Programme

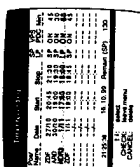
- The VCR must be turned on, or the timer recording indicator "IG" is lit.
- Confirm that the TV is on and the VCR viewing channel is selected.



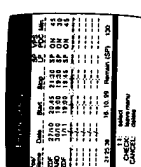
- Press CHECK.
- On Screen Display may be distorted in the PDC/VPS recording standby mode.

Cancelling a Timer Programme

- The VCR must be turned on or in timer recording standby mode.
- Confirm that the TV is on and the VCR viewing channel is selected.



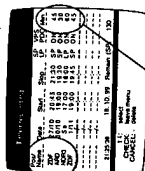
- 1 Press CHECK.
- 2 Select the desired timer programme.
- 3 Press CANCEL.



Notes:

- If a timer recording is not completed to the end (due to insufficient tape or cancellation by the user), the programmed timer recording data will be cancelled from the memory by 4 A.M. the next day.
- However, if the Timer Record Function is activated at that time, the programmed timer recording data will be cancelled at 4 A.M. the next day.
- Either the Position number or the Station name is displayed here.

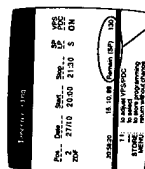
On Screen Display



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

Checking the remaining tape time

- This displays the remaining time for the inserted tape.



Remain time indicator

- This indicator is not displayed unless the remaining tape time has already been indicated on the VCR display.
- Refer to page 25.

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

The Programme Delivery Control (PDC) or the Video Programme System (VPS) 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 are inserted, the recording will also be interrupted automatically and resumed when the programme continues.

Depending on the signals sent from the broadcasting stations, the PDC/VPS 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 PDC/VPS recording, use the correct time (PDC/VPS time) for recording the TV programmes. Set VPS/PDC to OFF when the recording time is not the correct time (PDC/VPS time).
- PDC/VPS recording is not performed when the time (PDC/VPS time) is incorrect, even if only by one minute. To find out the correct time (PDC/VPS time), consult Teletext, a newspaper or magazine, etc.
- If the actual broadcasting times of timer recordings overlap (regardless of whether they are PDC/VPS controlled), the recording that starts first has always priority, and the recording of the later beginning programme will start only after the first timer recording has finished.
- When the PDC/VPS signal drops out because the broadcast signal is weak, or when a broadcasting station does not transmit a regular PDC/VPS signal, the timer recording will be performed in the normal mode (without PDC/VPS) even if it was programmed for PDC/VPS.

- 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 shown below.

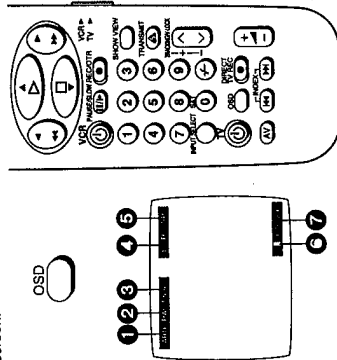
Programming method	ShowView programme timing	Changes in ShowView programme timing	Not in ShowView programme timing
Selected Country			
France, Belgium, Netherlands, Sweden, Denmark, Finland, Norway	ON	OFF	OFF
Germany, Switzerland, Austria	ON	ON	ON
Other Countries			
Italy, Spain, Portugal	OFF	OFF	OFF

After auto tuning "----" appears for the VPS/PDC item at the outset in the case of a broadcasting station which is not transmitting VPS/PDC signals.

Other Functions

On Screen Display

Press OSD to make the On Screen Display appear on the TV screen.



1 TV station

2 TV system

3 Stereo or Bilingual Indicator (NV-HD625EG)

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

Stereo, M1 and M2 indicator (NV-HD625EC)

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

Stereo: When receiving a Stereo/NICAM stereo broadcast.

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

M1: When receiving a NICAM monaural broadcast.

4 Audio Output Mode Indicators

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

Stereo: Both the L and R Indicators appear.

Left: The L Indicator appears.

Right: The R Indicator appears.

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

5 Tape speed indicator

6 Tape running display

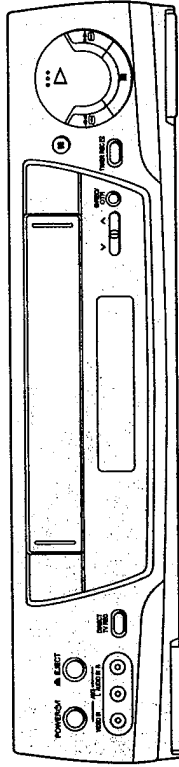
Stop, Eject	I
Rewind	◀◀
Fast Forward	▶▶
Playback	▶
Recording	●
Repeat Playback	R

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

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

Notes:

- When the item "On screen display" is set to OFF (See page 39), the On Screen Display will not appear.
- When the programme position AV is selected or during playback, the On Screen Display (1, 2, 3) will not appear.
- The On Screen Display does not appear during special playback.



VHS Index Search System

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

For example:

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

Press **INDEX** ▶▶ twice.

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

Display Symbols



- After finding the specific recorded segment, playback starts automatically.
- For the reverse direction, press **INDEX** ◀◀.
- Up to 20 index signals can be searched for in both directions.
- When the opposite **INDEX** button is pressed, the number shall be decreased till 1.
- The figure on the display is decremented by 1 each time an index signal is located.
- The **INDEX** search function can only work correctly, if the index signals are spaced at least 3 minutes apart in the SP mode and 5 minutes apart in the LP mode.

Recording Index Signals

- Index signals are recorded in following cases.
- When a recording is started by pressing **REC/OTR**.
- When timer recording is activated.

NTSC Playback

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

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

Other Automatic Functions

Automatic Playback

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

VCR-off Playback

When the VCR is off, an inserted cassette can be played back by pressing **▷ (PLAY)**.

Automatic Rewinding

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

- During OTR, this function will not work.

Automatic Switching Off and Ejection

When the VCR is switched off, and inserted cassette can be ejected simply by pressing **EJECT**. The VCR will eject the cassette and automatically turn itself off again.

Editing

Assembly Editing

This function can be used to make up an edited tape from other recordings or video sources.

A new scene can be added to the end of a previous one.

Preparations

• Connect a movie camera or another VCR to this VCR as shown.

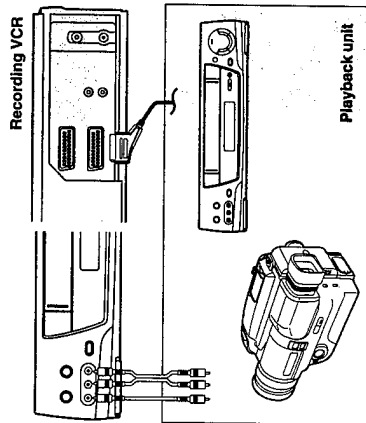
• Select the video source required by pressing **INPUT** prevention tab.

• Select to set A1, A2 or A3.

A1: Through the AV1 (TV) socket.

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

A3: Through the AV3 (AUDIO IN/VIDEO IN) sockets on front panel.



Operations

1 Search for the end of the previous recording.



2 Press **PAUSE/SLOW** or **II (PAUSE/STILL)**



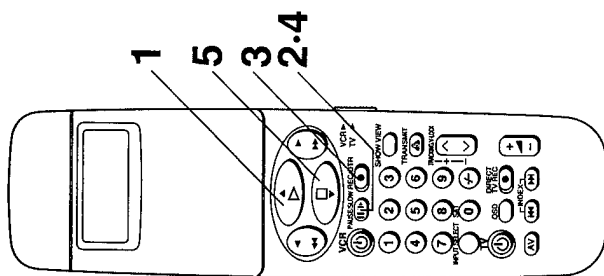
3 Press **REC/OTR** to switch the VCR from the pause mode to the recording standby mode.



4 Start the new recording by pressing **PAUSE/SLOW** or **II (PAUSE/STILL)** again.



5 Press **□ (STOP)** to stop recording.



Storing TV Broadcasts into your VCR

Introduction

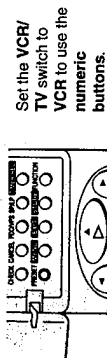
The VCR is fitted with its own tuner (just like a normal TV set) and can be pre-set to receive up to 99 TV broadcast stations.

If VCR is not correctly tuned by Auto setup, follow the procedure below.

Preparations

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

• Turn on the VCR.



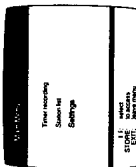
Manual Tuning Procedure

Follow the operation guide on screen display.

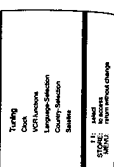
Operations

1 Press **MENU**.

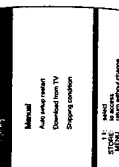
2 Select **Settings**.



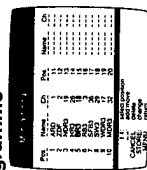
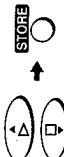
3 Select **Tuning**.



4 Select **Manual**.

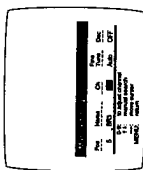


5 Select desired Programme position.



6 Select Channel (Ch).

• Ensure that the VCR/TV switch is set to VCR.



7 Select **Dec ON** or **Dec OFF**.

ON: To preset pay TV stations.

OFF: To preset normal TV stations.

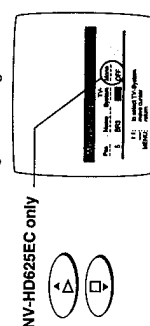


8 Use **◀▶** to display the next screen.

Select **TV-System**.

PAL: For receiving PAL signal.

MESECAM: For receiving SECAM signal.



9 NV-HD625EC only

Select **Mono OFF**.

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

10 Press **MENU**, and then press **EXIT**.

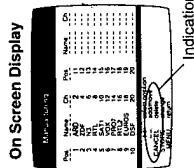
Notes:

• When channels have been set with manual tuning, the channel position (Ch) will need to be entered in the highlighted box the first time ShowView is used.

• When **Preset Download (Download from TV)** has been executed, do not perform Manual Tuning.

This is because when the tuning contents for the TV are changed, this information is downloaded to the VCR again, thereby erasing the independent contents input by Manual Tuning.

When changing (moving) the programme position, adding "Blank" positions and deleting stations;
These operations can be performed easily by following the indications of the On Screen Display.



Press ▲ or ▼ to select the desired programme position (station), and then follow the steps indicated below.
←: Press ◀ to add "Blank" position.
→: Press ▶ to change (move) the programme position.
CANCEL: Press CANCEL to delete the stations.
• These indications do not appear after performing Preset Download (Download from TV).

To change the TV station name:
After Step 5 but before Step 8, select the TV station name (Name) item using ◀ ▶, and then make the desired change. (See page 18.)
• No changes can be made to the TV station name while "SAT" is displayed when Satellite Connection is set to RF. (See page 20.)

Channel Plan

Channel Indication	TV Channel	
	Germany/Italy	Other Countries
2-12	*E2-E12	E2-E12
13-20	A-H (Only Italy)	—
21-69	21-69	21-69
74-78	S01-S05	S1-S5
80-82	S1-S3	M1-M3
83-89	S4-S10	M4-M10
90-99	S11-S20	U1-U10
121-141 Hyperband	**S21-S41	S21-S41

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

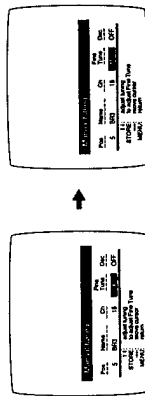
**Only for 8 MHz channel raster

Fine Tuning Procedure

Follow steps 1 to 5 on page 35.

6 Select Fine Tune.

7 Press ▲ or ▼ to obtain the best tuning condition.
• To return the tuning to its former state, press STORE.



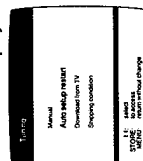
8 Press MENU, and then press EXIT.

Auto Setup Restart

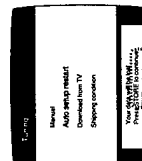
When your address changes, follow the procedure below.
Follow the steps 1 to 3 on page 35.

4 Select Auto setup restart.

On Screen Display



5 Press STORE.

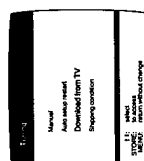


Download from TV

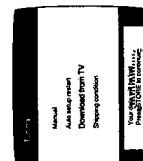
To perform the downloading again, follow the procedure below in the stop mode.

Follow steps 1 to 3 on page 35.

4 Select Download from TV.



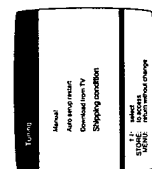
5 Press STORE.



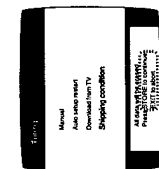
Shipping Condition

If you want to return the VCR to the factory-preset condition, follow the procedure below.
Follow the steps 1 to 3 on page 35.

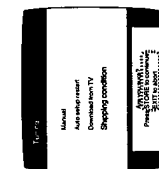
4 Select Shipping condition.



5 Press STORE.



6 Press STORE again.



Note:

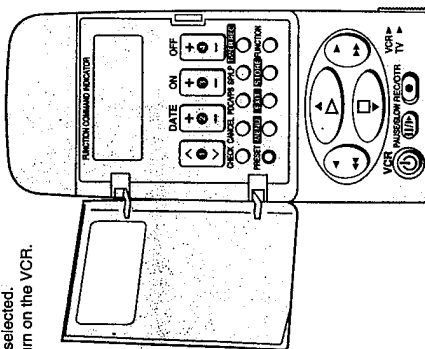
To re-tune the VCR, disconnect and then reconnect the mains lead. If the VCR is off, turn on the VCR and then repeat the procedures on pages 14 to 18.

Setting the Clock of your VCR

The built-in clock is used to activate the timer for automatic recording and must be set to the correct time. The built-in digital clock employs the 24-hour system. If VCR is not correctly set by Auto setup, follow the procedure below.

Preparations

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



Manual Clock Setting

Follow the operation guide on screen display.

Operations

- Press **MENU**, and then select **Settings**.
- Select **Clock**.
- Select **Manual setting**.
- Set Time (H/M).**
 - When it is kept pressed, the indication changes in 30-minute steps.
 - Press **←** to return to the previous item.

Settings Using On Screen Display

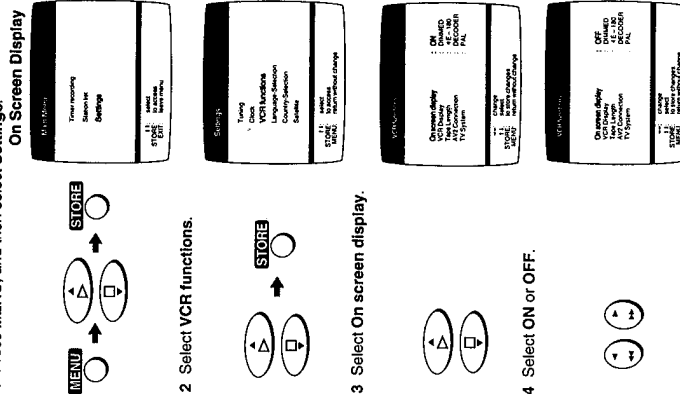
Preparations

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

VCR functions

On Screen Display

- Press **MENU**, and then select **Settings**.

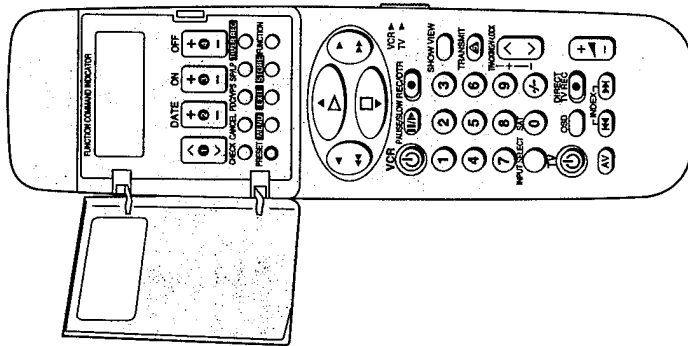


- Select VCR functions.

- Select On screen display.

- Select ON or OFF.

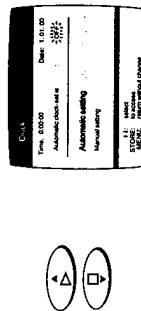
ON: The On Screen Display will appear on the TV screen by pressing OSD.
 OFF: The On Screen Display will not appear even if OSD is pressed.
 Press **STORE**, and then press **EXIT** to make On Screen Display disappear.



Automatic Clock Setting

Follow steps 1 to 2 of the above procedure.

- Select **Automatic setting**.



- Press **STORE**.

- The clock is set automatically.

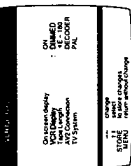
Notes:

- The clock operates for at least 60 minutes by its backup system in the event of power failure.
- When the item "Automatic clock-set is" is ON on screen display, Automatic time correcting function is activated every day.
- The Automatic time correcting function is only activated when the power is off. This function is not activated during timer recording standby mode.

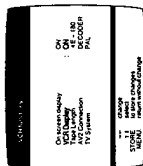
VCR Display

Follow steps 1 and 2 on page 39.

3 Select VCR Display.



4 Select ON, OFF or DIMMED.



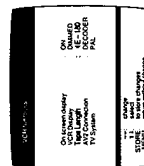
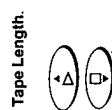
ON: When VCR is turned off, the characters are lit in the VCR display.
OFF: When VCR is turned off, the characters are not lit in the VCR display.
DIMMED: When VCR is turned off, the characters are dimmed in the VCR display.

5 Press **STORE**, and then press **EXIT** to make On Screen Display disappear.

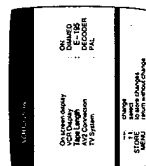


To select the Corresponding Cassette Tape Length for Displaying the Approximate Remaining Tape Time

Follow steps 1 and 2 on page 39.



4 Select the corresponding cassette tape length.



◀ E-180: For E30, -60, -90, -120 and -180 tapes.
 E-195: For E195 tape.
 E-240: For E240 tape.
 E-260 ▶: For E260 and -300 tapes.
 • The times displayed may differ depending on the tape used.

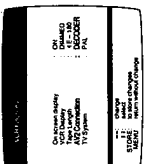
5 Press **STORE**, and then press **EXIT** to make On Screen Display disappear.



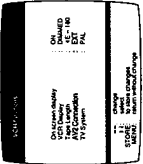
AV2 Connection

Follow steps 1 and 2 on page 39.

3 Select AV2 Connection.



4 Select EXT or DECODER.



EXT: When another VCR or a satellite receiver is connected to the AV2 (DECODER/EXT) socket.
DECODER: When the decoder is connected to the AV2 (DECODER/EXT) socket.

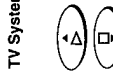
If Satellite connection is set to AV2 (See page 20), AV2 Connection is set to EXT automatically.

5 Press **STORE**, and then press **EXIT** to make On Screen Display disappear.



To set the Colour TV System

Follow steps 1 and 2 on page 39.



4 Select PAL or MESECAM.



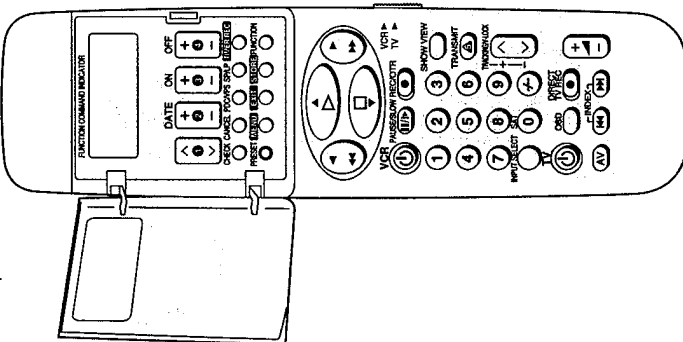
• Set according to the colour TV system used during playback or external recording.

5 Press **STORE**, and then press **EXIT** to make On Screen Display disappear.

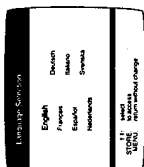


Language-Selection

To change the language setting for On Screen Display, follow the steps below.



3 Select the desired language.



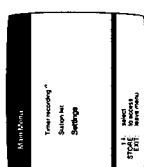
4 Press **STORE**, and then press **EXIT**.



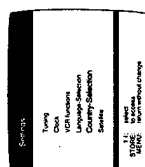
Country-Selection

To change the country setting, follow the steps below.

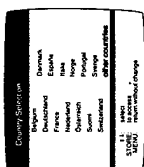
1 Press **MENU**, and then select **Settings**.



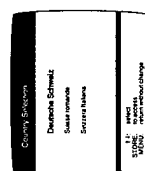
2 Select **Country-Selection**.



3 Select the desired country.



• When Switzerland or Belgium has been selected, operation moves to the screen which follows. Select the desired item.

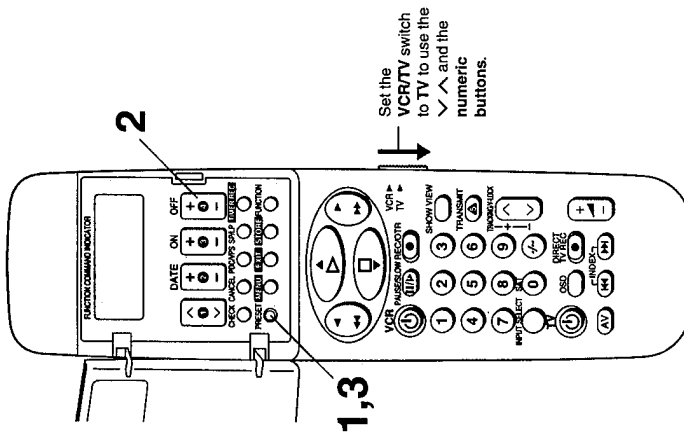


4 Press **STORE**, and then press **EXIT**.



Setting the Remote Controller for Operation of your TV

You can operate some TV manufacturers (see next page) using the supplied Remote Controller after this setting up.



Preparation

Turn on the TV.

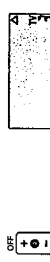
Operations

Display Symbols

- 1 Keep **PRESET** pressed for more than 2 seconds.



- 2 Press **OFF** several times.



- When the number matches the manufacturer of your TV, the TV's power is turned off. Read through the information on the following page as well.

- 3 Press **PRESET**.



- The remote controller display changes as shown.

How to change the number

Each time the "+" side of **OFF** is pressed, the number is counted up by one as follows:

1→2→3→...

When the "-" side is pressed, the number is counted down by one in the reverse order to that indicated above.

Notes:

- Some TV models cannot be operated using this remote controller.
- Set **VCR/TV** switch to **TV**, otherwise you cannot select the programme position of the TV using **∨** and the numeric buttons of this remote controller.

When a TV manufacturer has the plural number For example, When the number is 1, 2, 3 or 4 (Panasonic):

When the TV's power is turned off in step 2 on previous page, turn it back on and adjust the TV's volume using this remote controller. The volume can be adjusted if the number matches the TV manufacturer. If it is not possible to adjust the TV's volume, try setting the number (1 to 4) to match the TV manufacturer again until the volume can be adjusted.

Note:

FERGUSON, THOMSON, TELEFUNKEN, GOODMANS, SIEMENS, SAMSUNG, NOKIA, SABA and HITACHI have plural numbers. Although some models may operate with any of these numbers, other models may operate with only one number. Check each number in turn, and set the optimal number.

Number	Manufacturer
1-4	Panasonic
5	GRUNDIG, Blaupunkt, SIEMENS
6	PHILIPS, LOEWE, SAMSUNG, RADIOLA, DUAL, PYE, BUSH, GOODMANS, ELEMIS, CURTIS, SBR
7	SONY
8	METZ
9	FERGUSON, THOMSON, TELEFUNKEN, GOODMANS, SABA
10	FERGUSON, THOMSON, TELEFUNKEN, GOODMANS
11	FERGUSON, THOMSON, TELEFUNKEN, GOODMANS, SABA
12	FERGUSON, TELEFUNKEN, GOODMANS, SABA
13	TELEFUNKEN
14	FERGUSON, THOMSON, TELEFUNKEN, GOODMANS, SABA
15	FERGUSON, THOMSON, TELEFUNKEN, GOODMANS, SABA, NORDWENDE, BRANDT
16	TELEFUNKEN
17, 18	HITACHI
19	SIEMENS
20	SAMSUNG
21	ITT, NOKIA, SELECO
22	NOKIA, SALORA
23	MIVAR
24	TOSHIBA
25	SANYO
26	SHARP
27	JVC
28	mitsubishi
29, 30	HITACHI

SECTION 2 ADJUSTMENT PROCEDURES

2-1 DISASSEMBLY METHOD

2-1-1. DISASSEMBLY FLOW CHART

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

When reassembling, perform the steps in the reverse order.

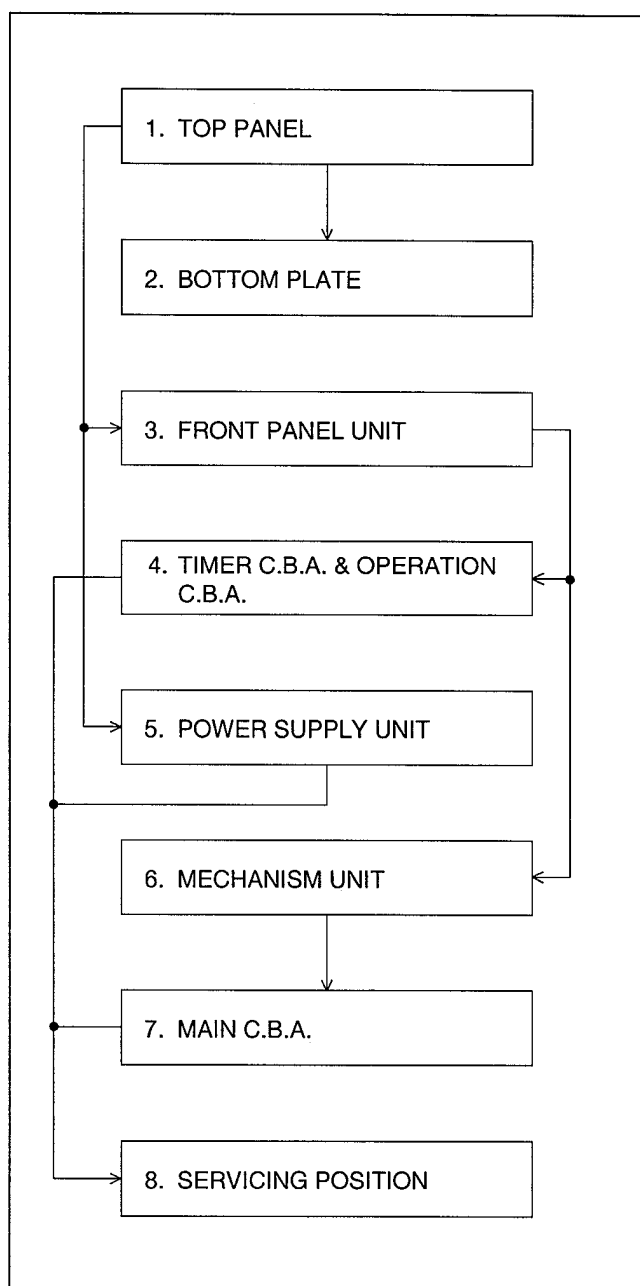


Fig. D1

2-1-2. DETAIL OF DISASSEMBLY METHOD

1. REMOVAL OF THE TOP PANEL

Remove..... 4 Screws (A)

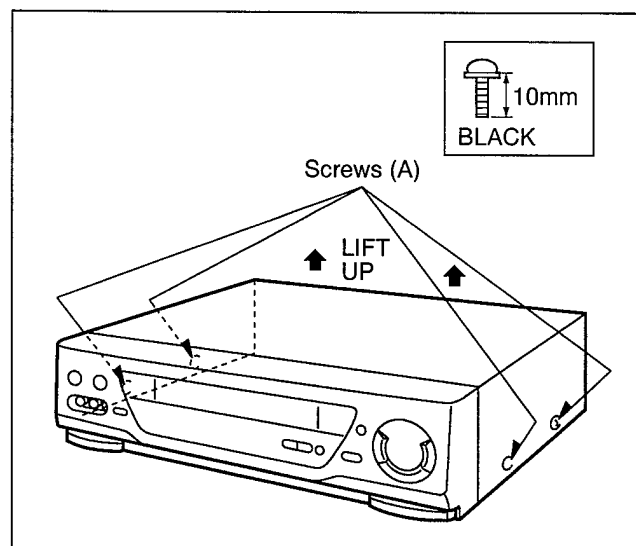


Fig. D2

2. REMOVAL OF THE BOTTOM PLATE

Unlock 6 tabs (B)

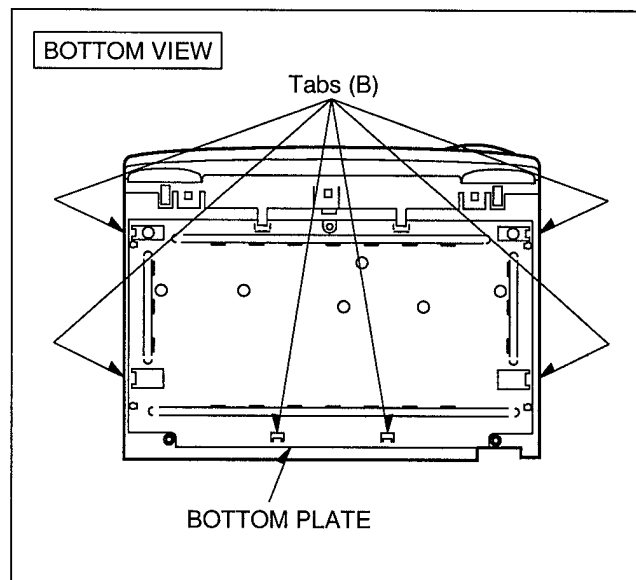


Fig. D3

3. REMOVAL OF THE FRONT PANEL UNIT

Unlock 11 Tabs (C)

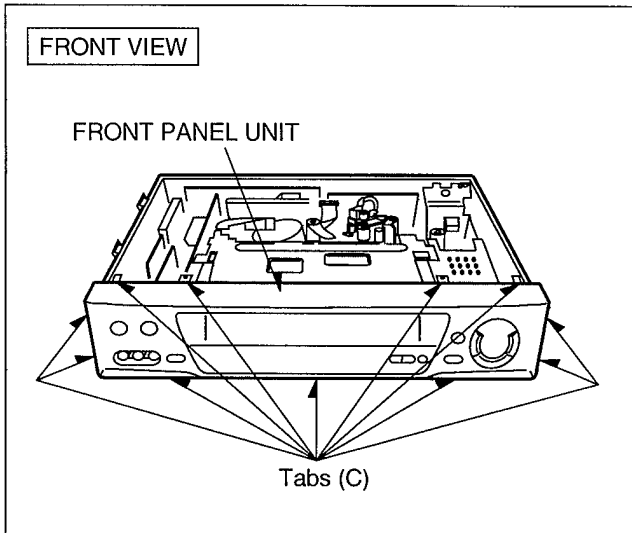


Fig. D4

4. REMOVAL OF THE TIMER C.B.A. & OPERATION C.B.A.

REMOVAL OF THE TIMER C.B.A.
Disconnect.....Bridge connector (D)
Unlock..... 5 Tabs (E)

REMOVAL OF THE OPERATION C.B.A.
Disconnect.....Bridge connector (D)
Unlock..... 2 Tabs (F)

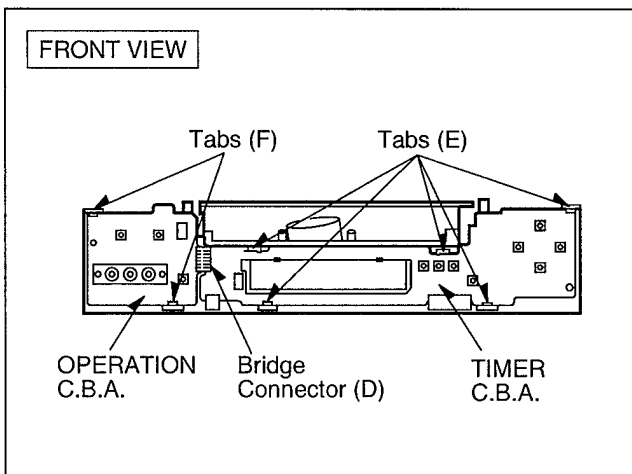


Fig. D5

5. REMOVAL OF THE POWER SUPPLY UNIT

Disconnect.....Bridge connector (G)
Unlock..... 5 Tabs (H)
Unlock..... 2 Tabs (I)

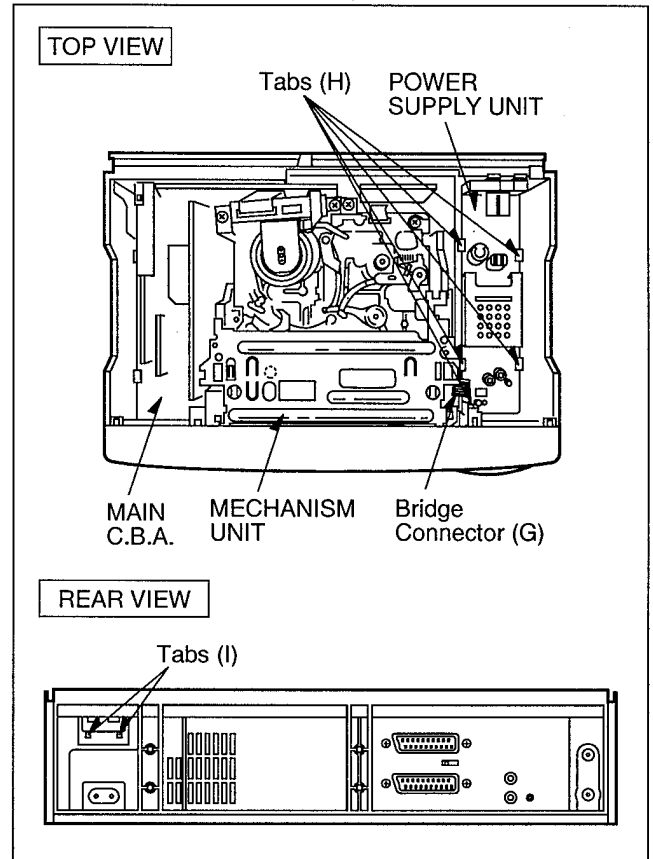


Fig. D6

CAUTIONS:

Please pay an attention to disconnect the connector (PS3006-P1102) which connected between Main C.B.A. and Power supply unit as shown below.

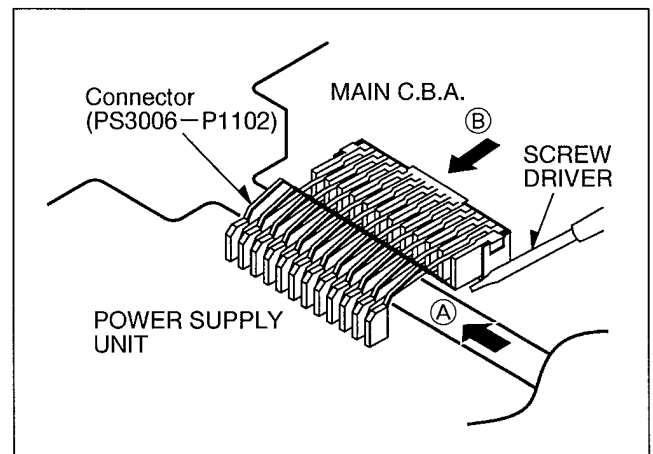


Fig. D7

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.

6. REMOVAL OF THE MECHANISM UNIT

Remove 3 Screws (J)
Remove Screw (K)

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

Disconnect ... Bridge connector (G) [Fig. D6]
Remove 2 Screws (L)
Unlock 5 Tabs (M)

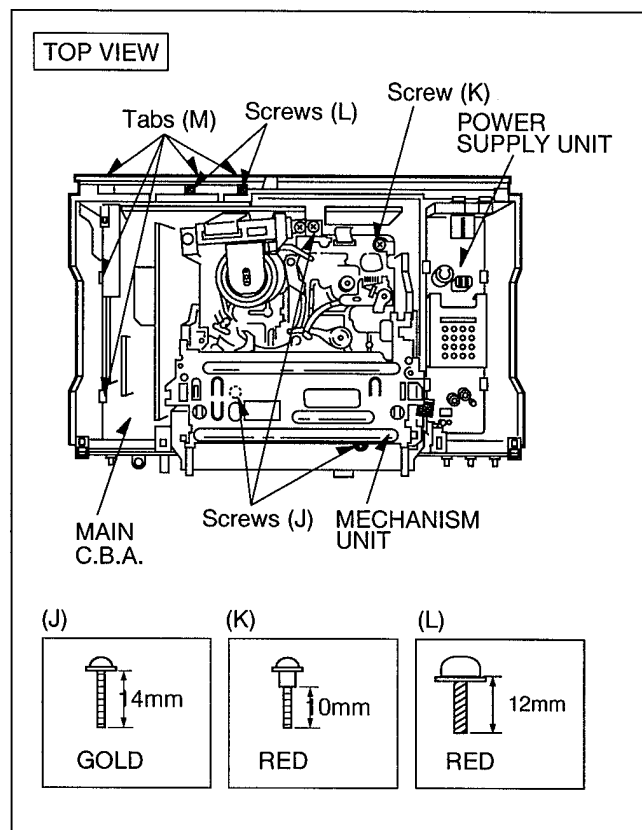


Fig. D8

2-2. MECHANICAL ADJUSTMENT PROCEDURES

The mechanical chassis of this model is the K Mechanical Chassis.

Therefore refer to the Service Manual for K Mechanical Chassis. (Order No. VRD9307M131)

CAUTIONS:

To make a Adjustment Mode for Tape Interchangeability, the Auto Tracking must be turned off.

- (1) Press the FF and EJECT button to set the Service Mode 2.

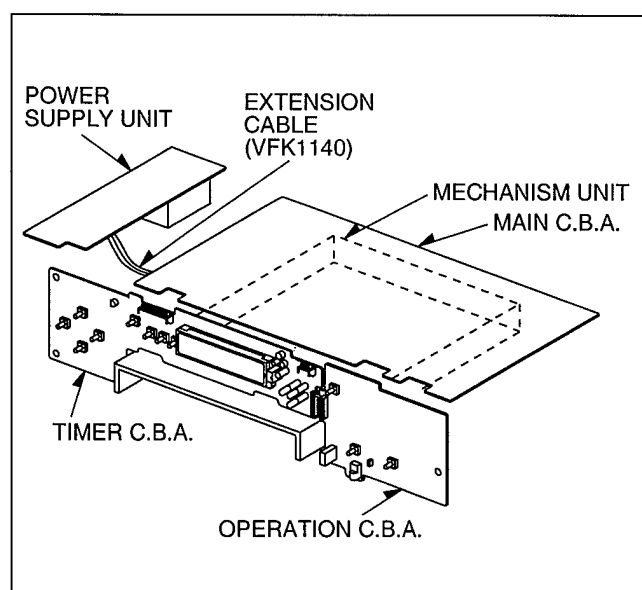
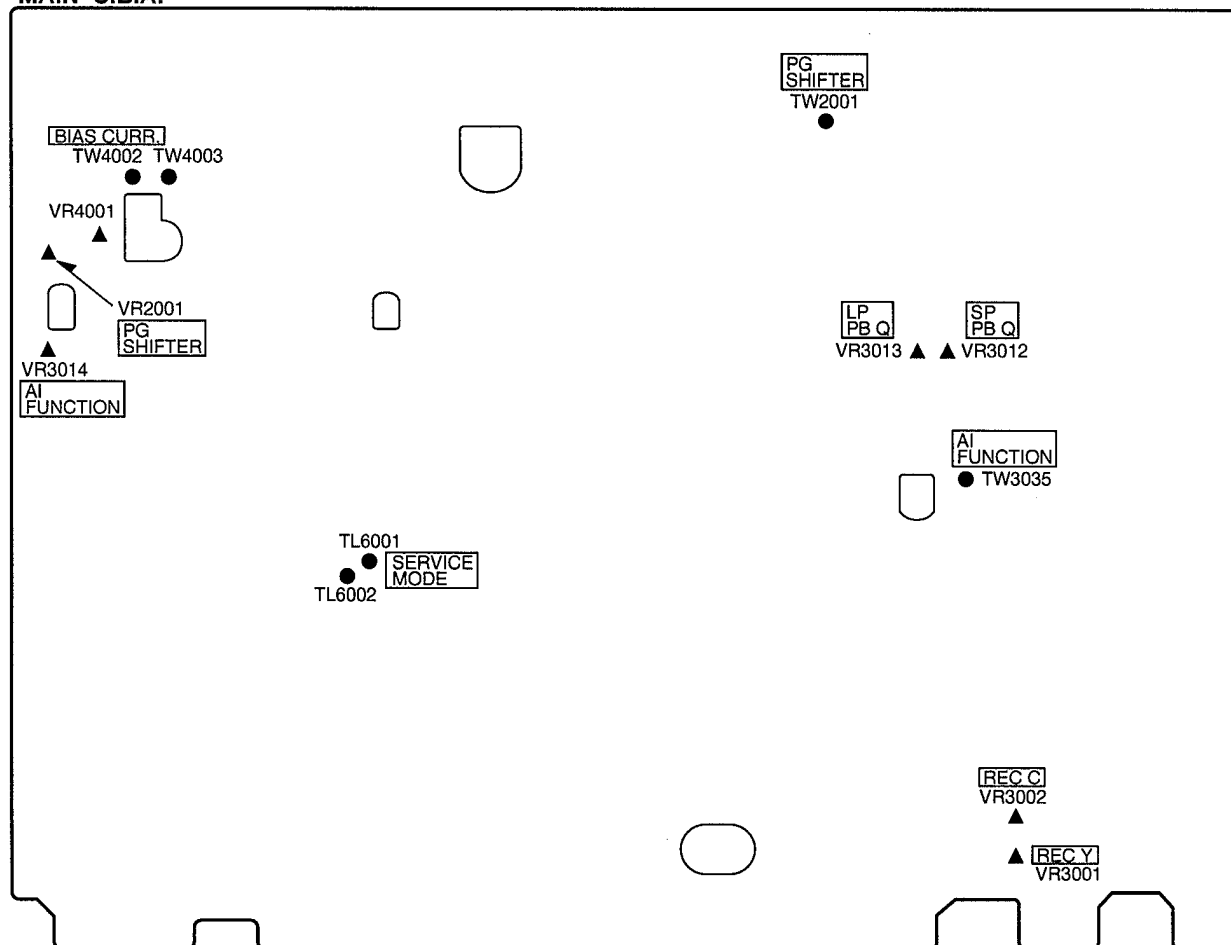


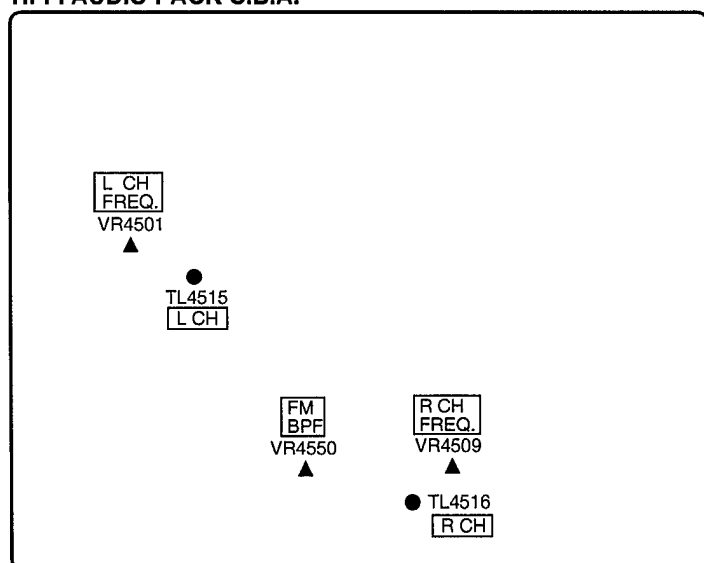
Fig. D9

LOCATION OF TEST POINTS & CONTROLS

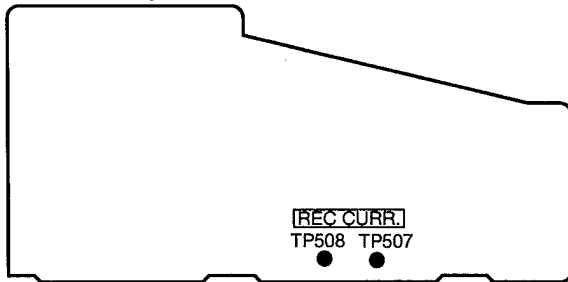
MAIN C.B.A.



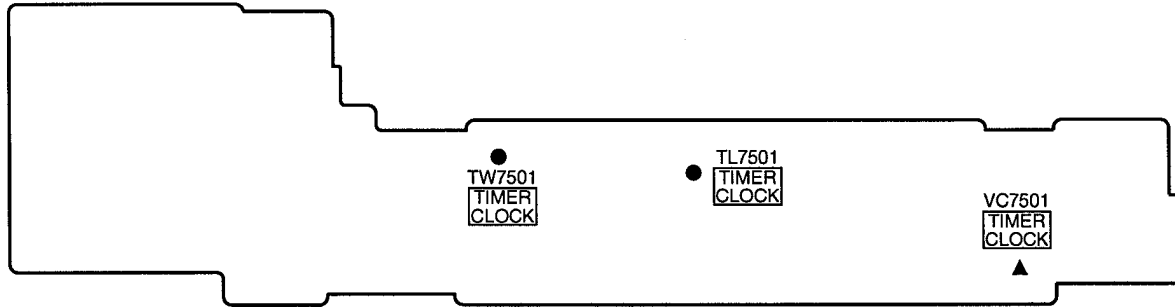
Hi-Fi AUDIO PACK C.B.A.



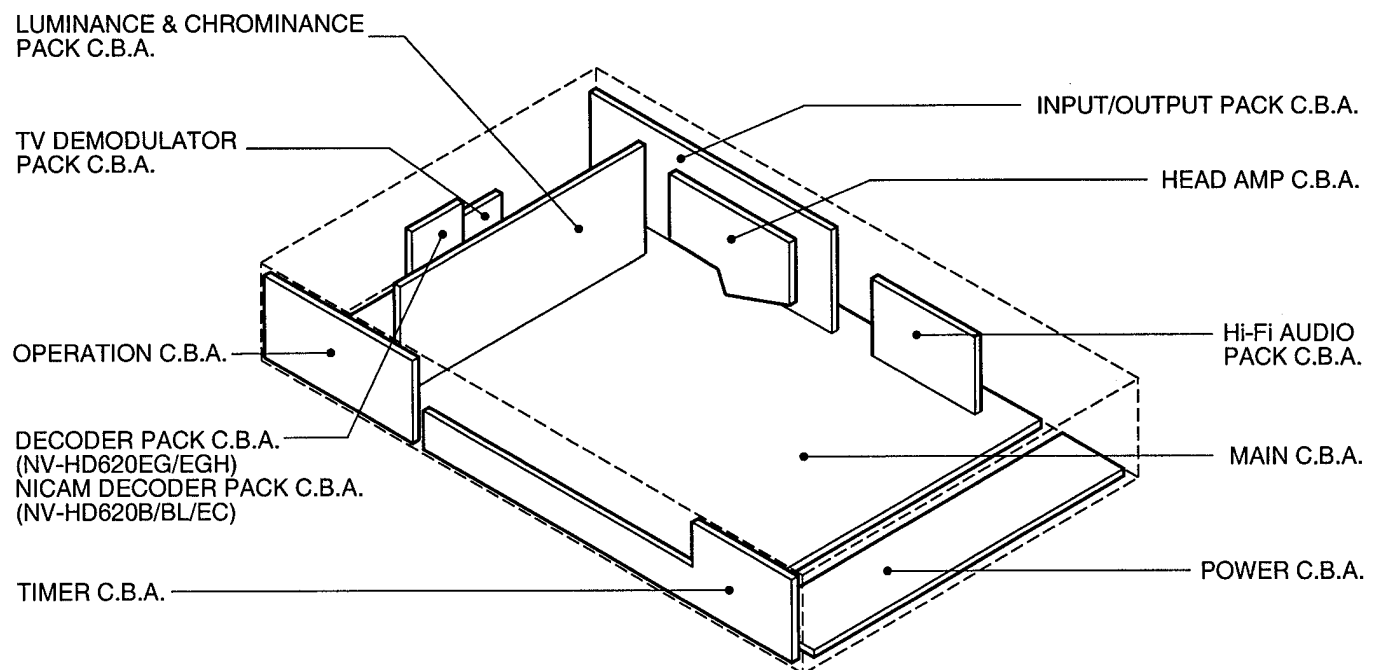
HEAD AMP C.B.A.



TIMER C.B.A.



CIRCUIT BOARD LAYOUT



2-3. ELECTRICAL ADJUSTMENT PROCEDURES

2-3-1. TEST EQUIPMENT

The following equipments are required for Electrical Adjustments.

1. Dual-Trace Oscilloscope	3. Universal Counter		8. Monitor TV
	4. Digital Volt Meter (D.V.M.)		9. DC Power Supply
2. Frequency Counter	5. Video Sweep generator		10. VHS Blank tape
	6. Sinewave Generator		11. VHS Alignment Tape
	7. Video Pattern Generator		<ul style="list-style-type: none"> Part No.: VFJ8125H3F (PAL) Part No.: VFM8080HQFP (NTSC)

2-3-2. VCR SETTING

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

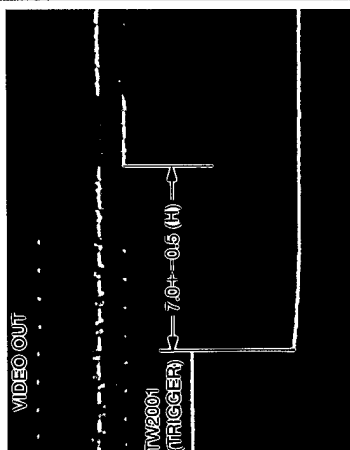
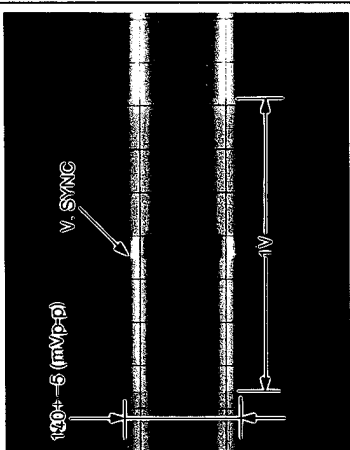
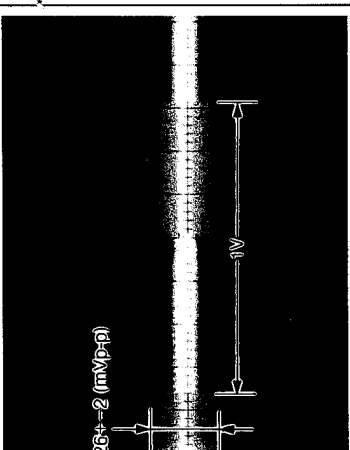
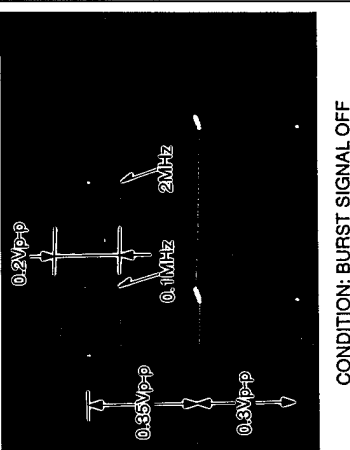
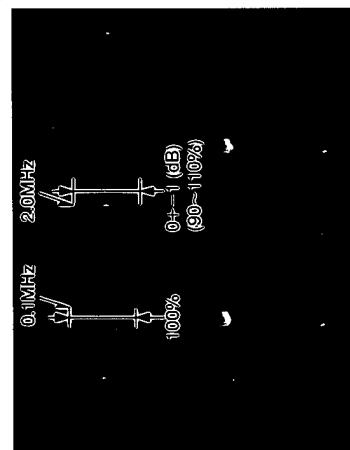
1. TAPE SPEED: SP
2. CHANNEL: AV1/AV2/AV3 (Set to signal input terminal number)

2-3-3. ADJUSTMENTS

ITEM	TP	ADJ.	MODE	INPUT	TAPE	M. EQ.	SPEC.	REMARKS
PG SHIFTER ADJUSTMENT	TW2001/ VIDEO OUT	VR2001	PLAYBACK	—	ALIGNMENT TAPE (PAL)	OSCILLO SCOPE	7.0+—0.5 (H) (See Fig. E1)	
RECORDING CURRENT ADJUSTMENT	TP507 (HOT) TP508 (CLD)	VR3001 (Y) VR3002 (C)	RECORDING	PAL COLOUR BAR	BLANK TAPE	OSCILLO SCOPE	Y: 140+—5 (mVp-p) C: 26+—2 (mVp-p) (See Fig. E2, E3)	1. Adjust the Luminance level until the peak level of V-SYNC is 140+—5mVp-p. 2. When adjusting the Chrominance level, supply +5V DC to PP3001-7 to eliminate Luminance component.
VIDEO FREQUENCY RESPONSE ADJUSTMENT	VIDEO OUT	VR3012 (SP) VR3013 (LP)	SP/LP PLAYBACK (SELF-REC)	VIDEO SWEEP	BLANK TAPE	OSCILLO SCOPE/ VIDEO SWEEP GENE.	SP: 0+—1 (dB) (90~110%) LP: 0+—1 (dB) (90~110%) (See Fig. E5)	1. Set the Video Sweep Signal. (See Fig. E4) 2. Set the CVC SW to OFF position.
AI FUNCTION ADJUSTMENT	TW3035	VR3014	PLAYBACK (SELF-REC)	PAL COLOUR BAR	BLANK TAPE	D.V.M.	2.5+—0.3 (V)	
BIAS CURRENT ADJUSTMENT	TW4002 (HOT) TW4003 (CLD)	VR4001	RECORDING	—	BLANK TAPE	D.V.M.	2.5+—0.1 (mVrms)	1. Connect the Audio Input and GND.
CARRIER FREQUENCY ADJUSTMENT	TL4515 (L) TL4516 (R)	VR4501 VR4509	RECORDING	—	BLANK TAPE	FREQ. COUNTER	L: 1400+—0.003 (KHz) R: 1800+—0.003 (KHz)	

ITEM	TP	ADJ.	MODE	INPUT	TAPE	M. EQ.	SPEC.	REMARKS
FM 8PF ADJUSTMENT	TL4515 (L) TL4516 (R)	VR4550	PLAYBACK	SINEWAVE 1.608MHz 400mVp-p (PK4002-5)	ALIGNMENT TAPE	OSCILLO SCOPE/ SINEWAVE GENE.	TL4515 (L)=TL4516 (R)	1. Disconnect P501. 2. The GND lead of oscilloscope must be connected to GND on HIFI Audio C.B.A. to reduce the noise. 3. Supply the sinewave signal (1.608MHz/400mVp-p) to PK4002-5. 4. After this adjustment, connect P501.
TIMER REFERENCE CLOCK ADJUSTMENT	TL7501 (TW7501)	VC7501	STOP	—	—	UNIV. COUNTER	7812.5+/-0.015 (usec)	

2-3-4. FIGURES

Fig. E1	Fig. E2	Fig. E3	Fig. E4
			
Fig. E5			CONDITION: BURST SIGNAL OFF 75 ohm TERMINATED
			

SECTION 3

BLOCK DIAGRAMS & SCHEMATIC DIAGRAMS

3-1. ABBREVIATIONS

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

CYL GND	CYLINDER GND	FULL. E. 12V	FULL ERASE 12V
D.F.M. REC [H]	DELAIED FM RECORDING ⑤	GND [A]	GND (ANALOG)
D. FM REC [L]	DELAIED FM RECORDING ⑥	GND [TU]	GND (TUNER)
D. GND	DIGITAL GND	GND/N. SW. 12V	GND/NON SW 12V
D. REC [H]	DELAYED RECORDING ⑤	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 ⑤	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 ⑤	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 ⑥	I RFE	REFERENCE CURRENT
EDIT [H]	EDIT ⑤	ICL	CONTROL AGC CIRCUIT
EE [H]	EE ⑤	IF	INTERMEDIATE FREQUENCY
EE [H]/INS [M]	EE ⑤/INSERT ④	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 ⑥
ENV. SEL	ENVELOPE SELECT	INS. [H]	INSERT ⑤
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 ⑤	INSERT [H]	INSERT ⑤
EP/LP [H]	LP ⑤	IO CS	INPUT/OUTPUT CHIP SELECT
EP/LP/SP	LP/SP	JOG1	JOG1
EP/SS [H]	LP/SLOW/STILL/STOP ⑤	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 ⑤
FF/REW [L]	FIRST FORWARD/REWIND ⑥	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 ⑤	L. CH [H]	Lch ⑤
FLY ON [H]	FLYING ERASE HEAD ON ⑤	L. CH [L]	Lch ⑥
FLY. E [H]	FLYING ERASE HEAD ON ⑤	LED (MAIN)	LED (MAIN)
FM MUT [H]	FM AUDIO MUTE ⑤	LED (STEREO)	LED (STEREO)
FM MUTE [H]	FM AUDIO MUTE ⑤	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 ⑤	LINE IN V	LINE INPUT VIDEO
FULL. E [H]	FULL ERASE HEAD ON ⑤	LINE IN [L]	LINE INPUT (L)

LINE IN [R]	LINE INPUT (R)	P-OFF [H]	POWER OFF ⑤
LINE OUT [L]	LINE OUTPUT (L)	P-OFF [L]	POWER OFF ⑥
LINE OUT [R]	LINE OUTPUT (R)	P. FAIL	POWER FAILURE DETECT
LP [H]	LP ⑤	P. OFF [H]	POWER OFF ⑤
LPTRI [L]	LP TRICK PLAY ⑥	P. OFF [L]	POWER OFF ⑥
Lch/A. DUB	Lch/AUDIO DUBBING	PAL [H]	PAL ⑤
M GND	MOTOR GND	PAL [L]/NTSC [H]	PAL ⑥/NTSC ⑤
M REG	MOTOR REGULATOR	PB ADJ OUT	PLAYBACK ADJUST OUTPUT
MAIN OUT	MAIN OUTPUT	PB OUT	PLAYBACK OUTPUT
MAIN [L]	MAIN ⑥	PB. H	PLAYBACK ⑤
MAIN/MONO	MAIN/MONAUURAL	PFG	PG/FG
MAX IN	MAXIMAM INPUT	PHOTSN +B	PHOTO SENSOR +B
MES [H]	MESECAM ⑤	PICT. CNT	PICTURE CONTROL
MESE [H]	MESECAM ⑤	PLAY LED/RVS LED	PLAY LED/REVERSE LED
MESE [L]	MESECAM ⑥	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 ⑤
METER [R]	LEVEL METER (R)	POWER OFF [L]	POWER OFF ⑥
METER. L/AVS	LEVEL METER (L)	PREROLL [H]	PREROLL ⑤
METER. R/AVC	LEVEL METER (R)	PWRFAIL	POWER FAILURE DETECT
MI/BI [L]	MIX ⑤/BILIGUAL	R. CH [H]	Rch ⑤
MIC GND	MIC GND	R. CH [L]	Rch ⑥
MIC IN	MIC INPUT	R. ST	RESET
MIC IN [L]	MIC INPUT (L)	R/S/F	REVERSE ⑤/STOP ⑥/FORWARD ⑥
MIC IN [R]	MIC INPUT (R)	RCH [H]	Rch ⑤
MIC [H]	MIC ⑤	REC 12V	RECORDING 12V
MIX [H]	MIX ⑤	REC CHROMA	RECORDING CHROMINANCE SIGNAL
MIX [H]/CINEMA [L]	MIX ⑤/CINEMA SOUND ⑥	REC H	RECORDING ⑤
MIX/CINE	MIX ⑤/CINEMA SOUND ⑥	REC IN	RECORDING INPUT
MIX/CINEMA [L]	MIX ⑤/CINEMA SOUND ⑥	REC OUT [L]	RECORDING OUTPUT ⑥
MN. H/M. L	MONAURAL ⑤/MAIN ⑥	REC START	RECORDING START
MN. H/MAI. L	MONAURAL ⑤/MAIN ⑥	REC VR [C]	RECORDING VOLUME (COMMON)
MN2/MES. L	MONAURAL 2/MESECAM ⑥	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 ⑤
MODE. S. OUT	AUDIO MODE SELECT OUTPUT	REC. C	RECORDING CHROMINANCE SIGNAL
MONO [H]	MONAURAL ⑤	REC. Y	RECORDING LUMINANCE SIGNAL
MONO [H]/MAIN [L]	MONAURAL ⑤/MAIN ⑥	REC/EE CTL	RECORDING/EE CONTROL
MONO2 [L]	MONAURAL 2	REEL-T	REEL PULSE (TAKE-UP)
MONO2/MESE [FM(L)]	MONAURAL 2/MESECAM (FM ⑥)	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 ⑥	REV MOTOR V1	REVIEW MOTOR
NOL [H]	PAL ⑤/4.43 NTSC ⑥/3.58 NTSC ⑥	REV MOTOR V2	FORWARD/REVERSE
NOR/SOFT [H]	NORMAL/SOFT TAPE PLAY ⑤	REV MOTOR [+]	REVIEW MOTOR V1
NORMAL [H]	NORMAL ⑤	REV MOTOR [-]	REVIEW MOTOR V2
NR BIAS	NR BIAS	REV. M. GND	REVIEW MOTOR (+)
NTSC [L]	NTSC ⑥	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 ①	T. END [L]	TAPE END ①
Rch/INST	Rch/INSERT	T. PHOTO	TAKE-UP PHOTO TRANSISTOR
S IN	SERIAL DATA INPUT	TAPE END [L]	TAPE END ①
S OUT	SERIAL DATA OUTPUT	TAPE END [L]/CAM	TAPE END ①/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 ①
S. CLK/AV	SERIAL CLOCK/AV	TRICK [L]	TRIC PLAY ①
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 ①	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 ②	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 ②
SLW TR. REF	SLOW TRACKING REFERENCE	TV. AUDIO	TV AUDIO
	VOLTAGE	TV/VTR	TV/VTR
SNS. GND	SENSOR GND	TXTON [L]	TEXT ON ①
SOFT [H]	SOFT TAPE PLAY ②	U. REG45V	UNREGULATOR 45V
SOFT [H]/NORMAL	SOFT TAPE PLAY ②/NORMAL ②	UNREG	UNREGULATOR
SOLENOID ON [L]	SOLENOID ON ①	UNREG19V	UNREGULATOR 19V
SP [H]	SP ②	V. REF	REFERENCE VOLTAGE
SP/L/SLP	SP/LP	V. EE [H]	VIDEO EE ②
SSS [L]	SLOW/STILL/STOP	V. EE [L]	VIDEO EE ①
STEREO LED	STEREO LED	VCO REF	REFERENCE OSCILLATER
STEREO [H]	STEREO ②	VD. IN	VIDEO SIGNAL INPUT
STEREO [L]	STEREO ①	VD. OUT	VIDEO SIGNAL OUTPUT
STOP. PO	STOP POSITION	VIDEO EE [L]	VIDEO EE ①
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 ①
STOP2/S-TAB	STOP 2 POSITION/SAFETY TAB SW	VSS	VERTICAL SYNC SIGNAL
STREO [H]	STEREO ②	VTR [H]	VTR ②
SUB BIAS	SUB BIAS	VTR. 12V	VTR 12V
SUB. SW	SUB SW	X IN	OSCILLATOR INPUT
SVHS CAS [L]	S-VHS CASSETTE ①	X OUT	OSCILLATOR OUTPUT
SW. 5. DET	SW 5V DETECT		
SYNC [L]	SYNC ①		

INPUT/OUTPUT CHART FOR IC6001

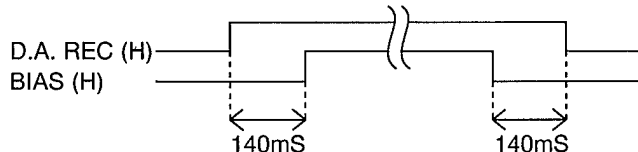
Pin Number	Input/Output	Port Name	Function																		
1	O	2H (H)	This port is high in SP mode.																		
2	O	FM MUTE (H)	This port is high during special playback (CUE, REV, SLOW, STILL) mode.																		
3	O	AUDIO MUTE (H)	This port is high during special playback (CUE, REV, SLOW, STILL) mode.																		
4	O	EDIT (H)	This port is high during edit.																		
5	O	VIDEO EE (L)	This port is low during EE mode.																		
6	O	VA	Input signal select. <table><tr><td>VCR IN</td><td>VA</td><td>VB</td></tr><tr><td>TUNER</td><td>L</td><td>L</td></tr><tr><td>AV1</td><td>H</td><td>L</td></tr><tr><td>AV2</td><td>L</td><td>H</td></tr><tr><td>AV3</td><td>H</td><td>H</td></tr><tr><td>SAT</td><td>L</td><td>L</td></tr></table>	VCR IN	VA	VB	TUNER	L	L	AV1	H	L	AV2	L	H	AV3	H	H	SAT	L	L
VCR IN	VA	VB																			
TUNER	L	L																			
AV1	H	L																			
AV2	L	H																			
AV3	H	H																			
SAT	L	L																			
7	O	VB																			
8	O	V. CHANGE (H)	This port is high while the loading motor torque is increased in FF and REW modes.																		
9	O	LM LIMIT (H)	Loading motor torque limiter output.																		
10	O	FF/REW (L)	This port is low during FF and REW modes.																		
11	O	UNLOADING (H)	This port is high while the mechanism is unloaded.																		
12	O	LOADING (H)	This port is high while the mechanism is loaded.																		
13	O	D.A. REC (H)	Normal audio recording control. <div></div>																		
14	O	BIAS (H)																			
15	O	RGB	BLANKING signal output select. RGB SW OFF: HIGH RGB SW ON : LOW																		
16	I	SHORT CHECK (H)	DC voltage (BIAS (H)) detection. <ul style="list-style-type: none">● When the low voltage is detected in recording mode, the VCR is turned off.● When the high voltage is detected in except recording mode, the VCR is turned off.																		
17	I	S-VHS PB (H)	This port is high during S-VHS playback.																		
18	O	PB AI2 (H)	AI playback control.																		
19	O	PB AI1 (H)	AI playback control.																		

Fig. MP1

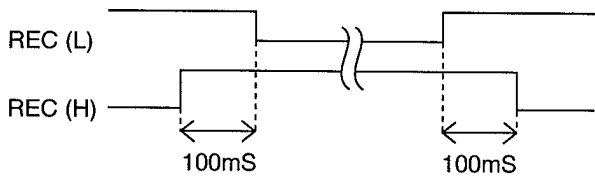
Pin Number	Input/Output	Port Name	Function
20	I	S-TAB (L)	This port is low while the cassette tape with safety tab is inserted.
21	I	ABS NORM IN	HIFI audio mode detection. ● When the low voltage is detected, the audio output is compulsory normal audio mode.
22	I	NC	Not used (Low setting)
23	I	CPB	AV2 PB (H) setting detection for I/O circuit control. ● This port is high when AV2 PB (H) is set to high. ● This port is low when AV2 PB (H) is set to low.
24	I	REC AI (L)	AI mode selection. AI PB ONLY : HIGH AI PB AND REC : LOW
25	I	RESET (L)	This port is low while IC6001 is reset.
26	I	MODE SEL	Active mode selection for microprocessor.
27	I	NC	Not used (Low setting)
28	I	B	Initial setting for 21 PIN Skirt Jack. B MODEL : HIGH EXCEPT B MODEL: LOW
29	O	LINE (L)	Input signal control for HIFI audio circuit. MIC/TUNER: HIGH LINE : LOW
30	O	REC (L)	DC voltage control for recording mode. 
31	O	REC (H)	
32	O	A. DUB (H)	This port is high during audio dubbing mode.
33	O	SAT (H)	This port is high during VCR receive the SAT signal.
34	O	TV	Output signal control for AV1. SIGNAL FROM VCR: HIGH SIGNAL FROM AV2 : LOW
35	O	SYSTEM 4	Refer to Fig. MP. 7
36	O	SYSTEM 5	Refer to Fig. MP. 7
37	I	DIGITAL 5V	VDD
38	O	12MHz OUT	Oscillator output.
39	I	12MHz IN	Oscillator input.

Fig. MP2

Pin Number	Input/Output	Port Name	Function												
40	O	32KHz OUT	Oscillator output.												
41	I	32KHz IN	Oscillator input.												
42	I	DIGITAL GND	GND												
43	O	FULL ERASE (H)	Full erase on/off control. ON : HIGH OFF: LOW												
44	O	D. REC (H)	Video signal recording on/off control.												
45	O	D. FM. REC (H)	HIFI audio signal recording on/off control.												
46	O	C. EMPHASYS (H)	This port supplies high signal during a certain time (refer to following chart) from starting the recording to control the HIFI audio recording current. <table border="1"><tr><th>TAPE SPEED</th><th>OUTPUT</th></tr><tr><td>NTSC 2H</td><td>6 sec</td></tr><tr><td>NTSC 4H</td><td>12 sec</td></tr><tr><td>NTSC 6H</td><td>18 sec</td></tr><tr><td>PAL 3H</td><td>9 sec</td></tr><tr><td>PAL 6H</td><td>18 sec</td></tr></table>	TAPE SPEED	OUTPUT	NTSC 2H	6 sec	NTSC 4H	12 sec	NTSC 6H	18 sec	PAL 3H	9 sec	PAL 6H	18 sec
				TAPE SPEED	OUTPUT										
				NTSC 2H	6 sec										
				NTSC 4H	12 sec										
				NTSC 6H	18 sec										
				PAL 3H	9 sec										
PAL 6H	18 sec														
47	O	REC CUR 1	AI REC current switching signal output.												
48	O	REC CUR 2													
49	O	REC CUR 3													
50	O	A. H. SW	HIFI audio head switching signal output.												
51	O	S. DATA OUT	Serial data output.												
52	I	S. DATA IN	Serial data input.												
53	O	S. CLOCK	Serial clock output.												
54	O	5P S. DATA OUT	EDIT 5P serial data output.												
55	I	5P S. DATA IN	EDIT 5P serial data input.												
56	O	5P S. CLOCK	EDIT 5P serial clock output.												
57	O	CAP R/S/F	Capstan rotation direction control. REVERSE: HIGH STOP : MIDDLE FOWARD : LOW												
58	O	CURRENT LIMIT	Capstan motor current limitter output.												
59	O	ENV2	AI PB control signal output.												

Fig. MP3

Pin Number	Input/Output	Port Name	Function												
60	O	PIC VR OUT	This port supplies the voltage which depends on picture VR setting.												
61	O	ART V/H/N	This port supplies artificial vertical sync signal to stabilize the picture in special playback mode.												
62	O	VIDEO H. SW	Video head switching signal output.												
63	O	ROTARY SW	Rotary switching signal output.												
64	O	H. AMP. SW	Head amp switching signal output.												
65	I	ENVE SELECT	This port receives the playback envelope signal level to select the video head in special playback mode.												
66	I	MIC (H)	This port is high during the mic is connected.												
94	I	T- PHOTO	This port receives the signal when take-up photo sensor detects the tape beginning.												
95	I	S-PHOTO	This port receives the signal when supply photo sensor detects the tape end.												
96	I	NORMAL/ SERVICE/TEST	<div>NORMAL/SERVICE/TEST mode selection.<table><tr><td>INPUT VOLTAGE</td><td>MODE</td></tr><tr><td>MORE THAN 4.0V</td><td>NORMAL</td></tr><tr><td>2.5V~4.0V</td><td>SERVICE</td></tr><tr><td>LESS THAN 2.5V</td><td>TEST</td></tr></table></div>	INPUT VOLTAGE	MODE	MORE THAN 4.0V	NORMAL	2.5V~4.0V	SERVICE	LESS THAN 2.5V	TEST				
INPUT VOLTAGE	MODE														
MORE THAN 4.0V	NORMAL														
2.5V~4.0V	SERVICE														
LESS THAN 2.5V	TEST														
97	I	SYSTEM SELECT	<div>System mode selection for auto setup.<table><tr><td>INPUT VOLTAGE</td><td>MODE</td></tr><tr><td>MORE THAN 3.0V</td><td>MODE 4</td></tr><tr><td>2.0V~3.0V</td><td>MODE 2</td></tr><tr><td>LESS THAN 2.0V</td><td>MODE 1</td></tr></table></div>	INPUT VOLTAGE	MODE	MORE THAN 3.0V	MODE 4	2.0V~3.0V	MODE 2	LESS THAN 2.0V	MODE 1				
INPUT VOLTAGE	MODE														
MORE THAN 3.0V	MODE 4														
2.0V~3.0V	MODE 2														
LESS THAN 2.0V	MODE 1														
98	I	STEREO/BIL	<div>Audio mode detection for display on the OSD.<table><tr><td>INPUT VOLTAGE</td><td>DISPLAY</td></tr><tr><td>MORE THAN 4.2V</td><td>NO DISPLAY</td></tr><tr><td>3.0V~4.2V</td><td>MONO 1</td></tr><tr><td>2.0V~3.0V</td><td>BILINGUAL</td></tr><tr><td>0.8V~2.0V</td><td>MONO 1+2</td></tr><tr><td>LESS THAN 0.8V</td><td>STEREO</td></tr></table></div>	INPUT VOLTAGE	DISPLAY	MORE THAN 4.2V	NO DISPLAY	3.0V~4.2V	MONO 1	2.0V~3.0V	BILINGUAL	0.8V~2.0V	MONO 1+2	LESS THAN 0.8V	STEREO
INPUT VOLTAGE	DISPLAY														
MORE THAN 4.2V	NO DISPLAY														
3.0V~4.2V	MONO 1														
2.0V~3.0V	BILINGUAL														
0.8V~2.0V	MONO 1+2														
LESS THAN 0.8V	STEREO														
99	I	DEW SNS	This port is more than 1.36V during detecting the dew formation.												
100	I	ATIC SEL	<div>Head amp IC setting for playback envelope detection.<table><tr><td>INPUT VOLTAGE</td><td>IC</td></tr><tr><td>MORE THAN 3.0V</td><td>TEA5705</td></tr><tr><td>2.0V~3.0V</td><td>AN3336</td></tr><tr><td>LESS THAN 2.0V</td><td>AN3360</td></tr></table></div>	INPUT VOLTAGE	IC	MORE THAN 3.0V	TEA5705	2.0V~3.0V	AN3336	LESS THAN 2.0V	AN3360				
INPUT VOLTAGE	IC														
MORE THAN 3.0V	TEA5705														
2.0V~3.0V	AN3336														
LESS THAN 2.0V	AN3360														
101	I	PIC VR IN	This port receives the voltage which depends on picture VR setting.												
102	I	CHROMA IN	AI PB Chrominance level adjustment input.												

Fig. MP4

Pin Number	Input/Output	Port Name	Function																																				
103	I	SLTR MM	Slowtracking adjustment input.																																				
104	I	AV MODE SEL	TV/VTR switch setting. <table><tr><td>INPUT VOLTAGE</td><td>SWITCH</td></tr><tr><td>MORE THAN 3.0V</td><td>TV/VTR</td></tr><tr><td>2.0V~3.0V</td><td>NO SW</td></tr><tr><td>LESS THAN 2.0V</td><td>AV LINK</td></tr></table>	INPUT VOLTAGE	SWITCH	MORE THAN 3.0V	TV/VTR	2.0V~3.0V	NO SW	LESS THAN 2.0V	AV LINK																												
INPUT VOLTAGE	SWITCH																																						
MORE THAN 3.0V	TV/VTR																																						
2.0V~3.0V	NO SW																																						
LESS THAN 2.0V	AV LINK																																						
105	I	TRACKING ENVE	Playback envelope input for tracking adjustment.																																				
106	I/O	EDIT TRIG	Trigger signal in/output for synchronized editing.																																				
107	I/O	PB/TUN/LINE	Normal audio switching control. NORMAL AUDIO PB (INCLUDING INSERT): HIGH LINE IN EE OR A. DUB MODE : LOW TUNER IN EE OR A. DUB MODE : Z																																				
108	O	T SNS LED (L)	Sensor LED drive signal output. ● When this port supplies the low signal, the sensor LED is lit.																																				
109	I/O	PREROLL	Preroll signal in/output for synchronized editing.																																				
110	O	SYSTEM 2	Refer to Fig. MP. 7																																				
111	O	SYSTEM 1	Refer to Fig. MP. 7																																				
112	I/O	HIFI/MIX/NORM	Audio output mode control. <table><tr><td rowspan="2"></td><td colspan="4">MODE</td></tr><tr><td>STEREO</td><td>L CH</td><td>R CH</td><td>NORMAL</td></tr><tr><td>HIFI/MIX/NORM</td><td>H</td><td>H</td><td>H</td><td>L</td></tr><tr><td>L CH/R CH/STEREO</td><td>L</td><td>H</td><td>Z</td><td>L</td></tr></table>		MODE				STEREO	L CH	R CH	NORMAL	HIFI/MIX/NORM	H	H	H	L	L CH/R CH/STEREO	L	H	Z	L																	
	MODE																																						
	STEREO	L CH	R CH	NORMAL																																			
HIFI/MIX/NORM	H	H	H	L																																			
L CH/R CH/STEREO	L	H	Z	L																																			
113	O	L CH/R CH/STEREO	Z: HIGH IMPEDANCE																																				
114	I	DIGITAL 5V	VDD																																				
115	I	POSITION SW1	<table><tr><td>P. SW 3</td><td>P. SW 2</td><td>P. SW 1</td><td>Position (Mode) Name</td></tr><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></table>	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																																				
116	I	POSITION SW2																																					
117	I	POSITION SW3																																					
118	O	AVPBL	AV1 PB (H) output control. ● This port is high when AV1 PB (H) is set to high. ● This port is low when AV1 PB (H) is set to low.																																				
119	I	GND	GND																																				
120	O	DEA	AV2 output control. <table><tr><td>AV2 OUTPUT</td><td>DEA</td><td>DEB</td></tr><tr><td>TUNER</td><td>H</td><td>L</td></tr><tr><td>AV1</td><td>L</td><td>L</td></tr><tr><td>SAT</td><td>L</td><td>H</td></tr><tr><td>VCR OUT</td><td>H</td><td>H</td></tr></table>	AV2 OUTPUT	DEA	DEB	TUNER	H	L	AV1	L	L	SAT	L	H	VCR OUT	H	H																					
AV2 OUTPUT	DEA	DEB																																					
TUNER	H	L																																					
AV1	L	L																																					
SAT	L	H																																					
VCR OUT	H	H																																					
121	O	DEB																																					

Fig. MP5

Pin Number	Input/Output	Port Name	Function
122	O	AI MES (H)	This port is high when measuring the head and tape condition to determine the optimum recording current before starting the AI recording.
123	O	POWER OFF (H)	Power on/off control.
124	O	TRICK (L)	This port is low during special playback (CUE, REV, SLOW, STILL) mode.

Fig. MP6

	MODE 1	MODE 2	MODE 3	MODE 4
PIN 111 (SYSTEM 1)	H: MESECAM L: PAL Z: AUTO	H: MESECAM L: PAL	H: PAL L: NTSC Z: AUTO	H: MESECAM L: PAL Z: AUTO
PIN 110 (SYSTEM 2)	H: EXCEPT NTSC L: NTSC-M	H: SECAM L: PAL Z: AUTO	—	H: EXCEPT NTSC L: NTSC-M
PIN 35 (SYSTEM 4)	H: PAL-I L: B/G/D/K	H: SECAM L: PAL	—	H: PAL-I L: B/G/D/K
PIN 36 (SYSTEM 5)	H: PAL L: NTSC	H: PAL L: NTSC	H: 50Hz L: 60Hz	H: PAL L: NTSC

Z: HIGH IMPEDANCE

Fig. MP7

Note: 1. The mode is decided depend on SYSTEM SELECT PORT (PIN 97).

INPUT/OUTPUT CHART FOR IC7503

Pin Number	Input/Output	Port Name	Function
1	O	L CH (L)	FIP level meter Lch (L)
2	I	AFC (S)	AFC S-CURVE
3	O	DEL (L)	AV2 connector detection DECODER: LOW EXT : HIGH
4	O	L CTL	LANK clock control
5	I	JOG1	JOG1
6	O	IC CLK	Tuner IC control clock
7	I	IR	Remote controller data
8	I	L CLK	LANK clock
9	O	FS CS (H)	FS chip select (H)
10	I	JOG2	JOG2
11	O	SAT IR	SAT IR output
12	I	POW FAIL (L)	Power fail detection
13	I	RESET (L)	Reset (L)
14	I	S CLK	Serial clock
15	I	S DATA IN	Serial data input
16	O	S DATA OUT	Serial data input
17	O	T CLK	Timer bus clock output
18	I	T LSN	Timer data input (from OSD)
19	O	T TLK	Timer data output (to OSD)
20	O	128Hz	128Hz
21	I	NC	Not used
22	O	STAND BY (L)	Stand by (L)
23	O	NC	Not used
24	O	FIP (L)	FIP heater on (L)
25 26 27 28 29	I	KEY SCAN	Key scan input
30	O	AUDIO DEF (H)	Audio defeat high output
31	O	R CH (L)	FIP level meter Rch (L)

Fig. MP8

Pin Number	Input/Output	Port Name	Function
32	O	P17	DGT1
33	O	P16	DGT2
34	O	P15	DGT3
35	O	P14	DGT4
36	O	P13	DGT5
37	O	P12	DGT6
38	O	P11	DGT7
39	O	P10	DGT8
40	O	P07	DGT9/Key scan output
41	O	P06	DGT10/Key scan output
42	O	P05	SEG J/Key scan output
43	O	P04	SEG I/Key scan output
44	O	P03	SEG H/Key scan output
45	O	P02	SEG D/Key scan output
46	O	P01	SEG E/Key scan output
47	O	P00	SEG C/Key scan output
48	O	P37	SEG G/Key scan output
49	O	P36	SEG F/Key scan output
50	O	P35	SEG B/Key scan output
51	O	P34	SEG A/Key scan output
52	O	AI ON (H)	AI on (H) output
53	O	OSD ON (H)	OSD on (H) output
54	O	METER OFF (H)	Level meter off (H) output
55	O	MONO (H)	Forced MONO (NICAM off) (H) output
56	—	VEE	−29V
57	—	VCC	+5V
58	O	XOUT	8.39MHz clock output
59	I	XIN	8.39MHz clock input
60	—	VSS	GND
61	I	XCIN	32KHz clock input
62	O	XCOUT	32KHz clock output
63	O	SIMUL (H)/SI (H)	Simul (H) output
64	O	SELECT MUTE (H)	Audio select mute (H) output

Fig. MP9

SYSTEM CHART FOR NICAM DECODER

TV SYSTEM SELECT

IC7305		TV SYSTEM	SOUND MODULATION
SW1	SW2		
L	L	B/G	FM-MONO/NICAM GERMAN MULTIPLEX
H	L	I	FM-MONO/NICAM
*	H	M	FM-MONO

* : DO NOT CARE

FM-MONO MODE SELECT

IC7305	FM-MONO MODE	FM-MONO SOURCE
SW3		
L	INT	SIF (IF INPUT1, IF INPUT2)
H	EXT	AUDIO MULTI (MONO IN)

SIF INPUT SELECT

IC7305	SIF INPUT
SW4	
L	IF INPUT 1
H	IF INPUT 2

AUDIO OUTPUT SELECT

INPUT TV SYSTEM	SOUND MODULATION	FM-MONO MODE	MAIN OUTPUT		SUB OUTPUT	
			INPUT SOURCE	MATRIX	INPUT SOURCE	MATRIX
B/G	MONO	INT	IF INPUT 1/2 (FM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	MONO IN	MONAURAL	MONO IN	MONAURAL
	NICAM STEREO	INT	IF INPUT 1/2 (NICAM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	STEREO	MONO IN	MONAURAL
	NICAM M1/DATA	INT	IF INPUT 1/2 (NICAM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	MONAURAL	MONO IN	MONAURAL
	NICAM M1/M2	INT	IF INPUT 1/2 (NICAM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	STEREO	MONO IN	MONAURAL
	NICAM DATA	INT	IF INPUT 1/2 (FM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	MONO IN	MONAURAL	MONO IN	MONAURAL
I	STEREO	INT	IF INPUT 1/2 (FM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (FM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
	BILINGUAL	INT	IF INPUT 1/2 (FM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (FM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
	MONO	INT	IF INPUT 1/2 (FM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	MONO IN	MONAURAL	MONO IN	MONAURAL
	NICAM STEREO	INT	IF INPUT 1/2 (NICAM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	STEREO	MONO IN	MONAURAL
	NICAM M1/DATA	INT	IF INPUT 1/2 (NICAM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	MONAURAL	MONO IN	MONAURAL
M	NICAM M1/M2	INT	IF INPUT 1/2 (NICAM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	STEREO	MONO IN	MONAURAL
	NICAM DATA	INT	IF INPUT 1/2 (FM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	MONO IN	MONAURAL	MONO IN	MONAURAL
	MONO	INT	IF INPUT 1/2 (FM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (FM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
	BILINGUAL	INT	IF INPUT 1/2 (FM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (FM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
	STEREO	INT	IF INPUT 1/2 (FM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (FM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL

Note: When the IC7305-15 (F MONO) is high, both the MAIN OUTPUT and the SUB OUTPUT apply the FM-MONO audio.

IC7503

DP7501

TIMER DISPLAY

FROM POWER

PS6002 **PS7501**

23

24

Q1005

HEATER (+)

FROM POWER

PS7501 **PS6002**

25

-29V

Q1001

-29V

QR1001

N.S.W 5V

QR1002

N.S.W 5V

FIP ON (L)

TO POWER

PS7501 **PS6002**

15

STAND BY (L)

STAND BY

D7509

N.S.W 5V

QR7506

IC7502

RESET

N.S.W 5V

POWER FAIL (L)

IC7503-14 STOP

2.0Vp-p (10msec. div.)

SERIAL CLOCK

IC7503-15, 16 STOP

2.2Vp-p (10msec. div.)

SERIAL DATA IN

SERIAL DATA OUT

PS7501 **PS6002**

6

PS7501 **PS6002**

12

PS7501 **PS6002**

11

TO / FROM SYSTEM CTL (IC6001)

IC7501

RESET

N.S.W 5V

VCC

IR7501

IR RECEIVER

N.S.W 5V

C6515

IR

X OUT

X IN

X7501

8.39MHz

VC7501

TIMER OSC

XC OUT

XC IN

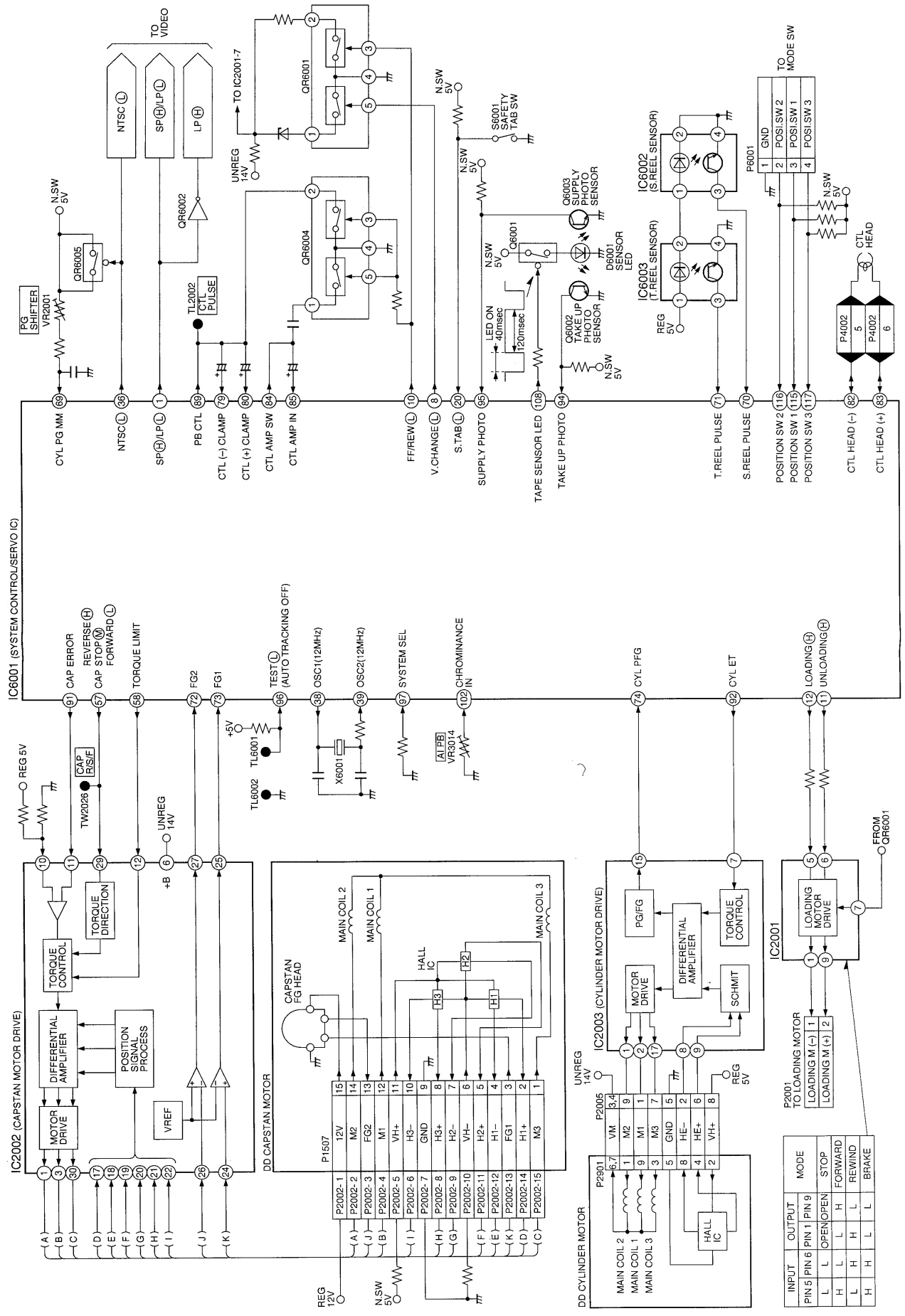
X7502

32KHz (BACK UP)

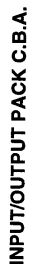
KEY MATRIX (IC7503)

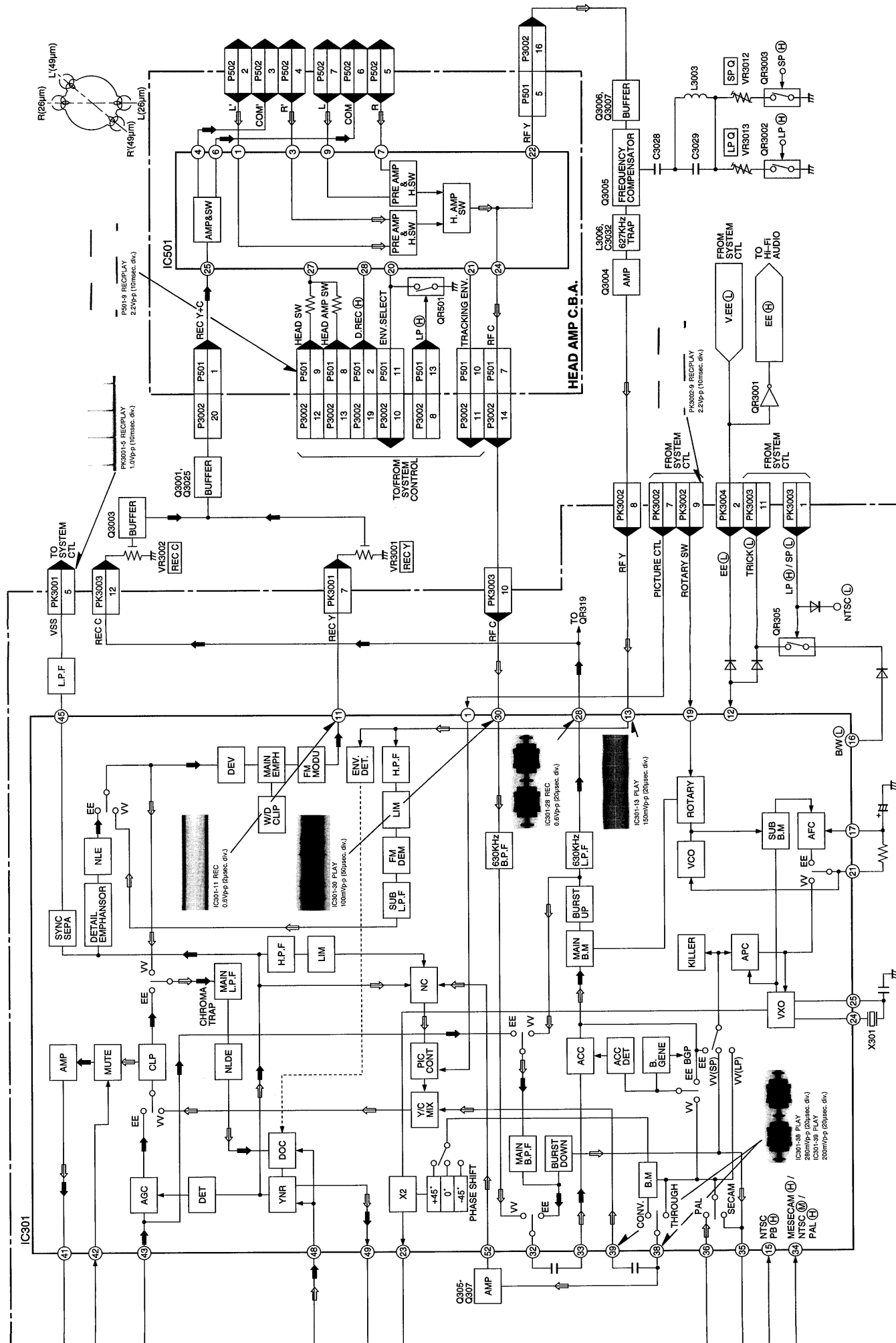
OUT \ IN	26	25
42 (SEG 13)	---	---
43 (SEG 12)	---	---
44 (SEG 11)	EJECT	---
45 (SEG 10)	DIRECT TV REC	POWER
46 (SEG 9)	CH UP	CH DOWN
47 (SEG 8)	---	T.REC
48 (SEG 7)	---	---
49 (SEG 6)	REC	PAUSE / STILL
50 (SEG 5)	REW	FF
51 (SEG 4)	PLAY	STOP

3-3. SYSTEM CONTROL & SERVO BLOCK DIAGRAM



MAIN SIGNAL PATH IN PLAYBACK MODE



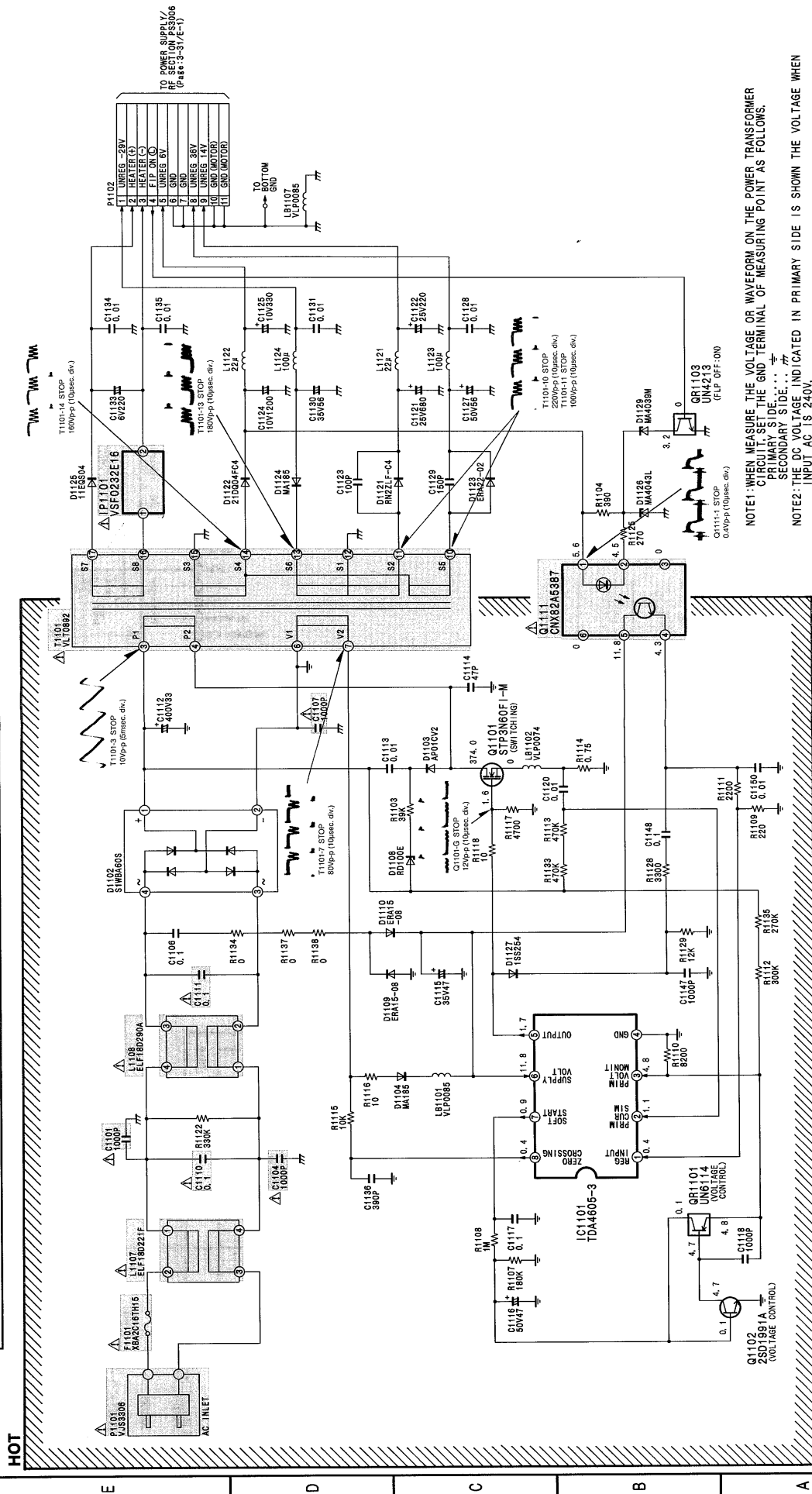


[illegible]

3-6. POWER SCHEMATIC DIAGRAM

CAUTION

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



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

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

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.

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

[illegible]

3-26

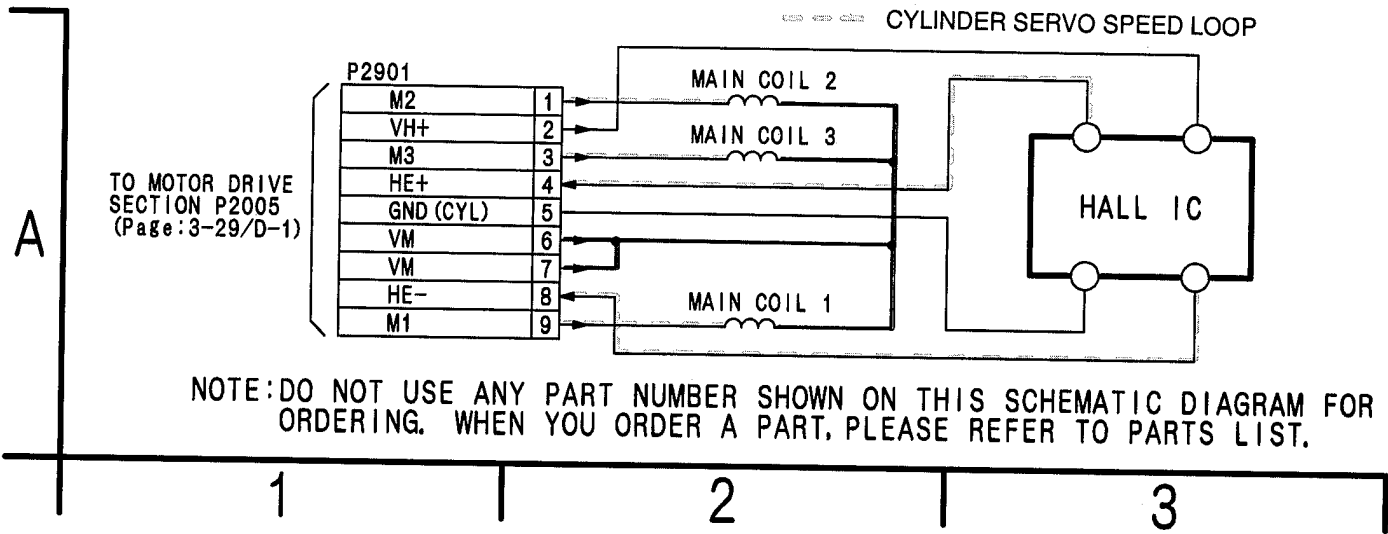
SYSTEM CONTROL & SERVO ICs DC VOLTAGE CHART (SP MODE)

REF. NO.	IC6001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	4.8	0	0	0	0.1	4.9	0	4.8	0	4.8	0	0	0	0	4.8	0	0	0	0	0
PLAY	4.8	0	0	0	4.8	4.9	0	4.8	0	4.8	0	0	0	0	4.8	0	0	0	0	0
REC	4.8	0	0	0	0.1	4.9	0	4.8	0	4.8	0	0	4.8	4.8	4.8	4.4	0	0	0	0
F.F	4.8	0	0	0	0.1	4.9	0	0	0	0	0	0	0	0	4.8	0	0	0	0	0
REW	4.8	0	0	0	0.1	4.9	0	0	0	0	0	0	0	0	4.8	0	0	0	0	0
REF. NO.	IC6001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
STOP	-0.1	0	0	4.8	4.9	0	0	0	0	4.9	0.1	0	0	4.9	4.9	4.8	4.9	2.6	2.6	4.5
PLAY	0.2	0	0	4.8	4.8	0	0	0	0	4.8	0.1	0	0	4.9	4.9	4.8	4.9	2.6	2.6	4.5
REC	0	0	0	4.8	4.8	0	0	0	0	0	4.8	0	0	4.9	4.9	4.8	4.9	2.6	2.6	4.5
F.F	-0.1	0	0	4.8	4.9	0	0	0	0	4.8	0.1	0	0	4.9	4.9	4.8	4.9	2.6	2.6	4.5
REW	-0.1	0	0	4.8	4.9	0	0	0	0	4.8	0.1	0	0	4.9	4.9	4.9	4.9	2.6	2.6	4.5
REF. NO.	IC6001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
STOP	0	0	0	0	0	0	4.9	4.9	0	0	4.6	4.6	4.4	4.8	4.8	4.8	2.0	0	4.9	2.5
PLAY	0	0	0	0	0	0	4.9	4.9	0	2.3	4.6	4.6	4.4	4.8	4.8	4.8	0	4.8	4.9	2.5
REC	0	0	4.8	4.8	4.8	0	4.9	4.9	0	0	4.6	4.6	4.4	4.8	4.8	4.8	0	4.8	4.9	2.5
F.F	0	0	0	0	0	0	4.9	4.9	0	0	4.6	4.6	4.4	4.8	4.8	4.8	0	4.8	4.9	2.5
REW	0	0	0	0	0	0	4.9	4.9	0	0	4.6	4.6	4.4	4.8	4.8	4.8	4.9	4.8	4.9	2.5
REF. NO.	IC6001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
STOP	0	0	0	0	0	0	2.4	0	4.9	0	0	2.4	2.4	2.4	1.0	0	2.4	2.4	2.3	2.5
PLAY	0	2.4	2.4	0	2.0	0	2.4	0	3.0	5.0	4.6	2.4	2.4	1.0	0	0	2.4	2.4	2.5	2.5
REC	0	2.4	2.4	0	4.8	0	2.4	0	3.0	5.0	4.6	2.4	2.4	1.1	0	0	2.4	2.4	2.3	2.5
F.F	0	2.4	0	0	2.8	0	2.4	0	3.0	2.2	2.2	2.3	2.4	1.1	0	0	2.4	2.4	2.7	2.2
REW	0	2.4	0	0	2.8	0	2.4	0	3.0	2.2	2.2	2.3	2.4	1.1	0	0	2.4	2.4	2.7	2.2
REF. NO.	IC6001																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
STOP	4.8	0	0	0	2.4	2.4	0	0	2.4	4.9	1.3	4.6	4.9	4.5	4.8	4.9	0	5.2	0	0
PLAY	4.8	0	0	0	2.4	2.4	0	0	2.4	4.9	2.5	2.3	4.9	4.5	4.8	4.9	0	5.2	0	0
REC	4.8	2.2	2.7	0	2.4	2.4	0	0	2.4	4.9	2.5	2.3	4.9	4.5	4.8	4.9	0	5.2	0	0
F.F	4.8	0	0	0	2.4	2.4	0	0	2.4	4.9	2.5	2.4	4.9	4.5	4.8	4.9	0	5.2	0	0
REW	4.8	0	0	0	2.4	2.4	0	0	2.4	4.9	2.5	2.4	4.9	4.5	4.8	4.9	0	5.2	0	0
REF. NO.	IC6001																			
MODE	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
STOP	2.5	2.7	5.0	0	1.7	5.0	0	4.9	0	0	0	4.8	0	4.9	4.9	0	4.9	0	0	0
PLAY	2.5	2.7	4.9	0	1.7	5.0	4.8	0.1	0	0	0	0	0	4.9	0	0	4.9	4.8	0	0
REC	2.5	2.7	4.9	0	0	5.0	0	0.1	0	0	0	4.8	0	4.9	0	0	4.9	0	0	0
F.F	2.5	2.7	4.9	0	1.7	5.0	0	0.1	0	0	0	4.8	0	4.9	0	4.9	4.9	0	0	0
REW	2.5	2.7	4.9	0	2.4	5.0	0	0.1	0	0	0	4.8	0	4.9	0	4.9	4.9	0	0	0
REF. NO.	IC6001																			
MODE	121	122	123	124																
STOP	0	0	0	4.9																
PLAY	0	0	0	4.9																
REC	0	0	0	4.9																
F.F	0	0	0	4.9																
REW	0	0	0	4.9																
REF. NO.	IC6002										IC6003									
MODE	1	2	3	4							1	2	3	4						
STOP	1.2	0	0	0							2.3	1.2	0	0						
PLAY	1.2	0	5.0	0							2.3	1.1	4.6	0						
REC	1.2	0	5.0	0							2.3	1.1	4.3	0						
F.F	1.2	0	2.2	0							2.3	1.1	2.2	0						
REW	1.2	0	2.2	0							2.3	1.1	2.2	0						

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

REF. NO.	Q6001			Q6002			Q6003								
MODE	E	C	B	E	C		E	C							
STOP	5.0	-1.6	4.9	0	4.8		0	4.9							
PLAY	5.0	4.9	4.1	0	4.8		0	4.9							
REC	5.0	4.9	4.1	0	4.5		0	4.9							
F.F	5.0	4.9	4.1	0	4.5		0	4.9							
REW	5.0	4.9	4.1	0	4.8		0	4.9							
REF. NO.	QR6002			QR6004					QR6005						
MODE	E	C	B	1	2	3	4	5	E	C	B				
STOP	5.0	0.3	4.8	0	0	4.6	0	4.6	5.0	4.8	4.8				
PLAY	5.0	0.3	4.8	0	0	4.6	0	4.6	5.0	4.8	4.8				
REC	5.0	0.3	4.8	0	0	4.6	0	4.6	5.0	4.8	4.8				
F.F	5.0	0.3	4.8	0	1.5	0	0	0	5.0	4.8	4.8				
REW	5.0	0.3	4.8	0	1.5	0	0	0	5.0	4.8	4.8				

3-8. CYLINDER STATOR UNIT SCHEMATIC DIAGRAM



MOTOR DRIVE ICs DC VOLTAGE CHART (SP MODE)

REF. NO.	IC2001																			
MODE	1	2	3	4	5	6	7	8	9	10										
STOP	1.3	14.9	14.9	0	0	0	7.2	9.6	1.4	0										
PLAY	0.9	14.4	14.4	0	0	0	7.2	9.3	1.2	0										
REC	1.5	14.4	14.4	0	0	0	7.2	9.3	1.6	0										
F.F	0.8	14.4	14.4	0	0	0	14.4	9.3	1.6	0										
REW	1.4	14.4	14.4	0	0	0	14.4	9.3	1.0	0										
REF. NO.	IC2002																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	1.8	4.3	1.8	14.2	1.1	14.9	0	0	1.9	2.7	1.3	0	0	4.9	1.4	0	2.2	2.2	2.2	2.2
PLAY	1.7	4.3	1.7	13.2	2.1	14.4	0	0.5	0.6	2.7	2.5	0.4	0	4.9	1.4	0	2.2	2.2	2.2	2.2
REC	1.7	4.3	1.7	13.2	2.1	14.4	0	0.5	0.6	2.7	2.5	0.4	0	4.9	1.4	0	2.2	2.2	2.2	2.2
F.F	6.9	14.3	6.9	7.4	12.5	14.4	0	0.5	0.6	2.7	2.4	0.4	0	4.9	1.4	0	2.2	2.2	2.2	2.2
REW	6.9	14.3	6.9	7.1	12.5	14.4	0	0.5	0.6	2.7	2.4	0.4	0	4.9	1.4	0	2.2	2.2	2.2	2.2
REF. NO.	IC2002																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32								
STOP	2.2	2.2	0	6.4	6.4	6.4	6.4	12.4	2.0	1.8	0	0								
PLAY	2.2	2.2	0	6.4	6.4	6.4	6.4	12.4	0	1.7	0	0								
REC	2.2	2.2	0	6.4	6.4	6.4	6.4	12.4	0	1.7	0	0								
F.F	2.2	2.2	0	6.4	6.4	6.4	6.4	12.4	0	6.9	0	0								
REW	2.2	2.2	0	6.4	6.4	6.4	6.4	12.4	4.9	6.9	0	0								
REF. NO.	IC2003																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
STOP	14.9	14.9	0	0	0	2.4	4.6	0.6	0.7	1.0	4.9	4.1	4.1	3.7	4.9	14.9	14.9	0		
PLAY	14.1	14.1	0	0.5	0	2.4	2.3	0.6	0.6	2.6	4.9	3.6	3.6	3.6	1.1	14.4	14.1	0		
REC	14.1	14.1	0	0.5	0	2.4	2.3	0.6	0.6	2.6	4.9	3.6	3.6	3.6	1.1	14.4	14.1	0		
F.F	14.1	14.1	0	0.5	0	2.4	2.4	0.6	0.6	2.6	4.9	3.6	3.6	3.6	1.1	14.4	14.1	0		
REW	14.1	14.1	0	0.5	0	2.4	2.4	0.6	0.6	2.6	4.9	3.6	3.6	3.6	1.1	14.4	14.1	0		

MOTOR DRIVE TRs DC VOLTAGE CHART (SP MODE)

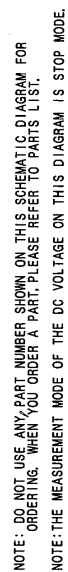
REF. NO.	QR6001																
MODE	1	2	3	4	5												
STOP	0	0	4.8	0	4.8												
PLAY	0	0	4.8	0	4.8												
REC	0	0	4.8	0	4.8												
F.F	8.0	14.4	0	0	0												
REW	8.0	14.4	0	0	0												

CAPSTAN SERVO SPEED LOOP CYLINDER SERVO SPEED LOOP CYLINDER SERVO PHASE LOOP



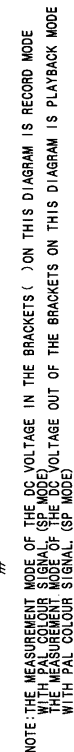
AUDIO MAIN SIGNAL PATH IN REC MODE

AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



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.

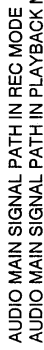
VIDEO MAIN SIGNAL PATH IN REC MODE
VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
AUDIO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



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

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

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



● LINE IN SIGNAL LEVEL... -10dB 1kHz

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

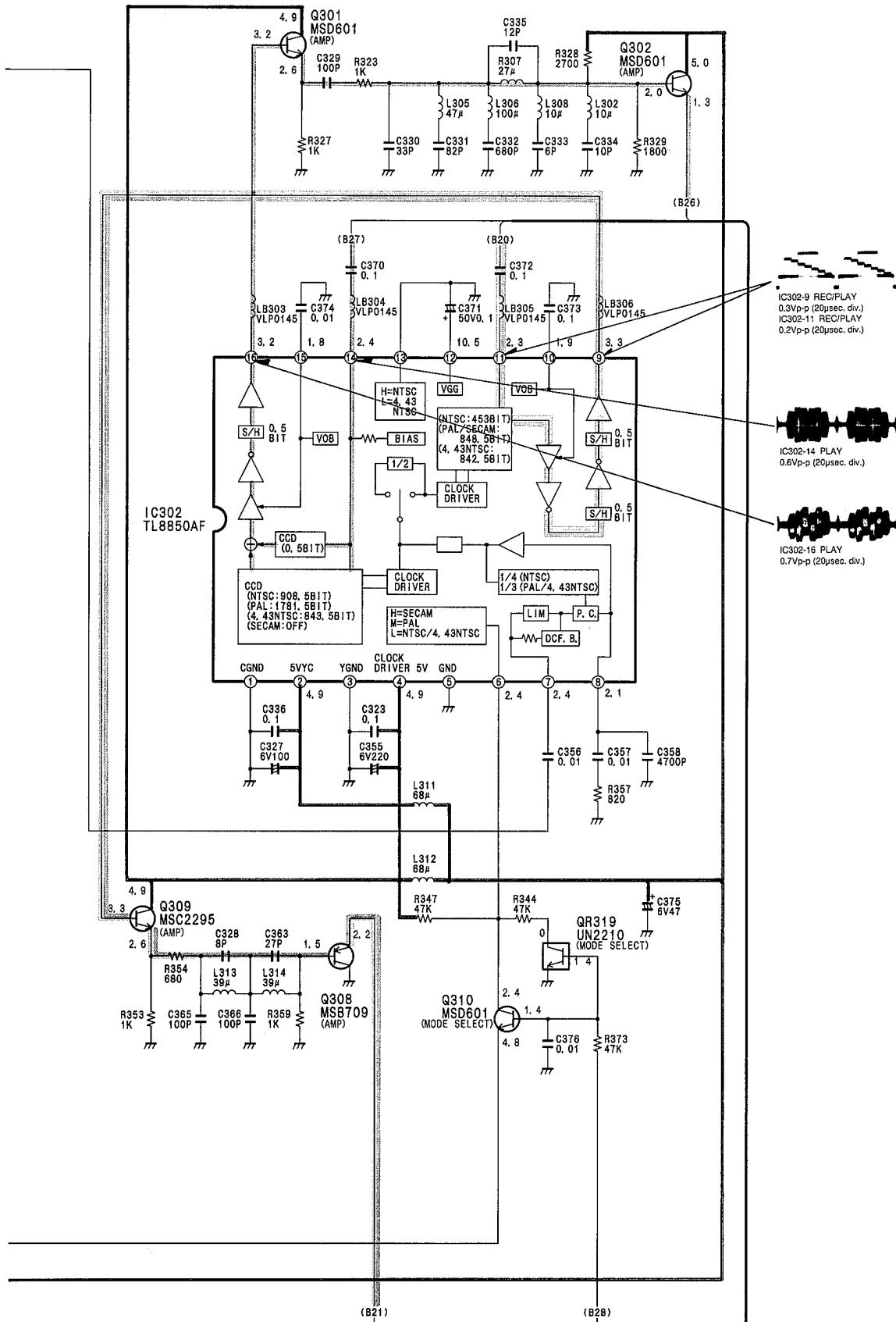
[illegible]

3—39

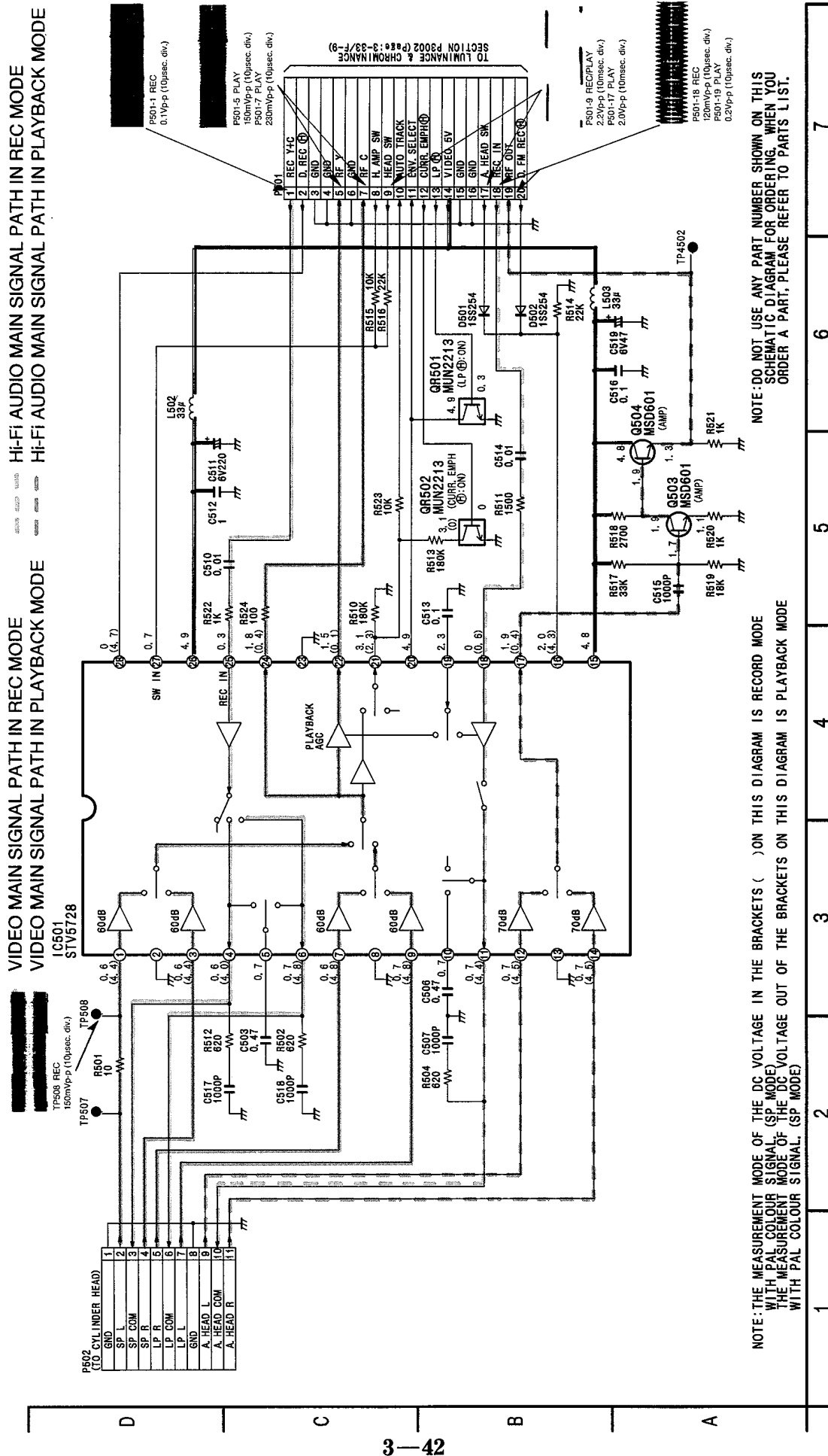
3—40

11

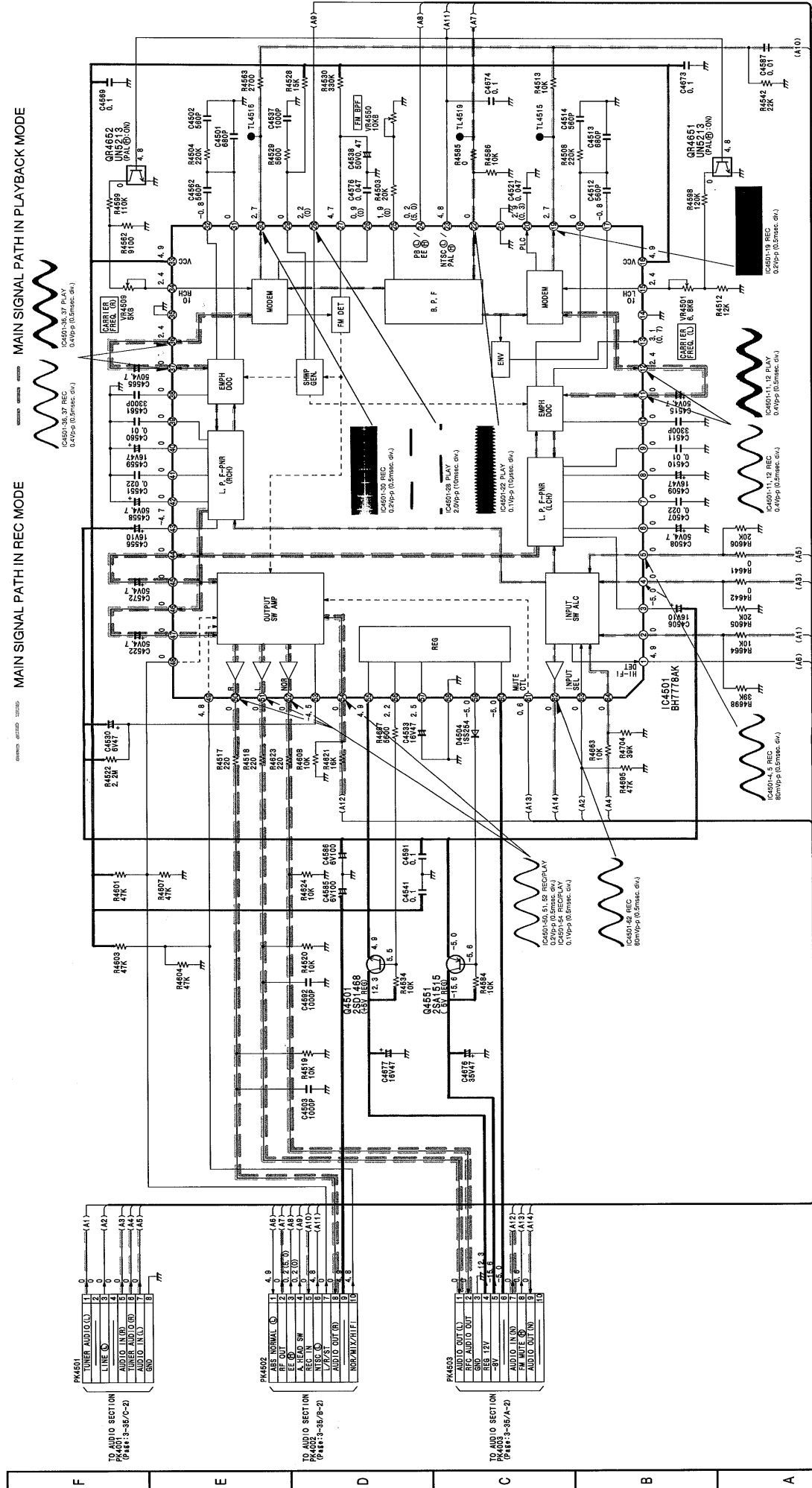
MAIN SIGNAL PATH IN REC MODE
MAIN SIGNAL PATH IN PLAYBACK MODE



3-15. HEAD AMP SCHEMATIC DIAGRAM



3-16. HI-FI AUDIO PACK SCHEMATIC DIAGRAM



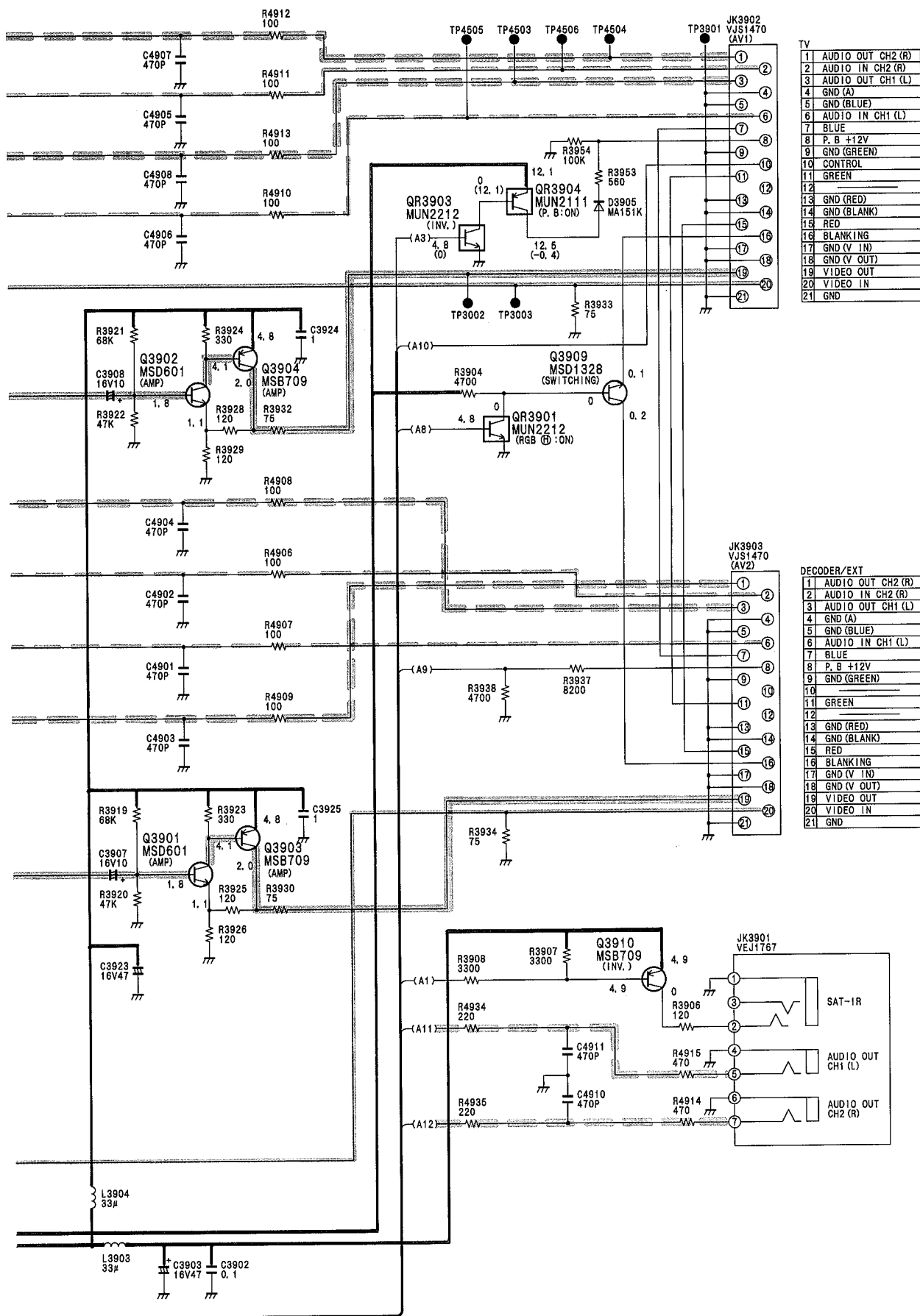
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS () ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE) - LINE IN SIGNAL LEVEL... -10dB 1kHz

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

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



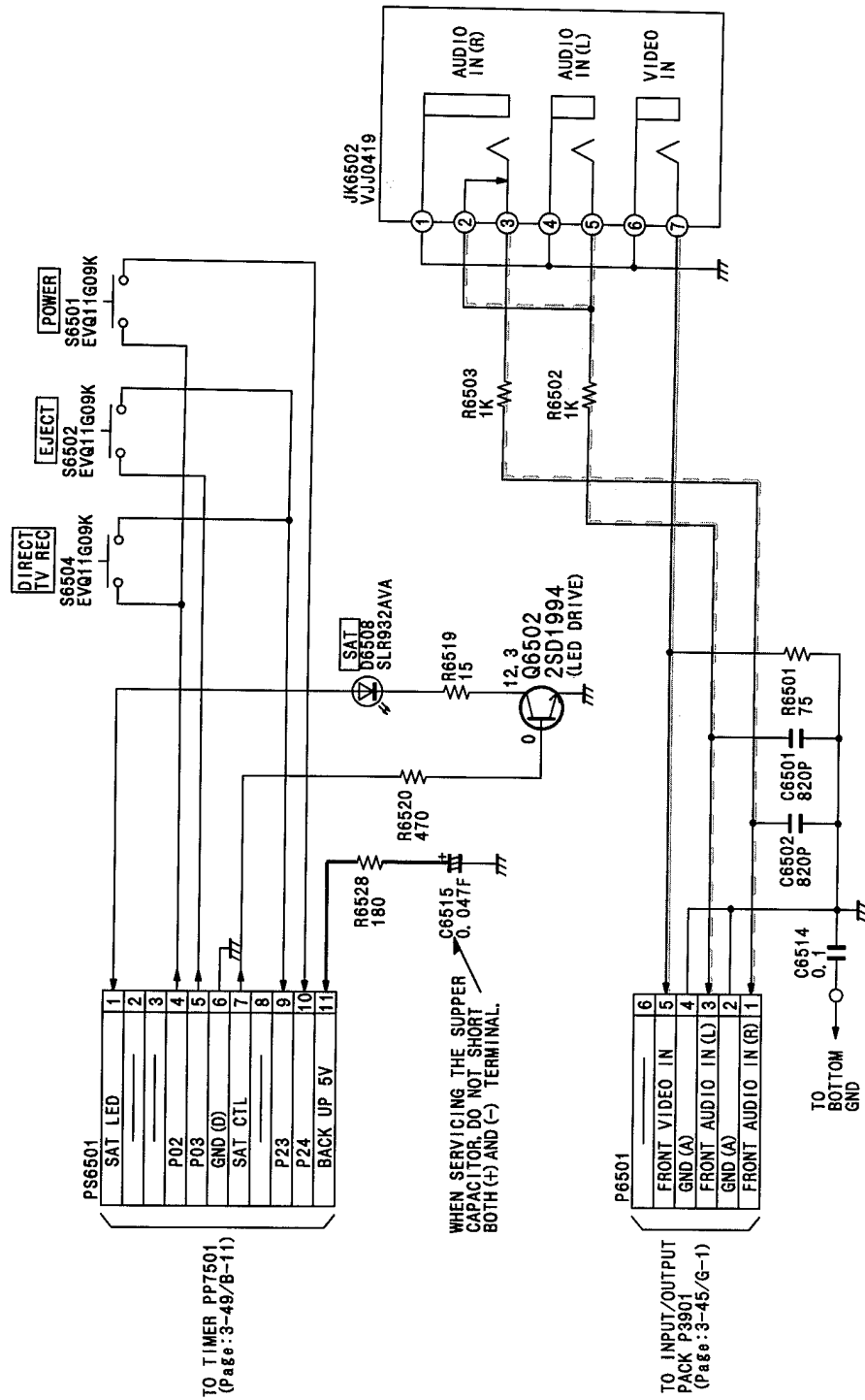
AUDIO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



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

3-18. OPERATION SCHEMATIC DIAGRAM

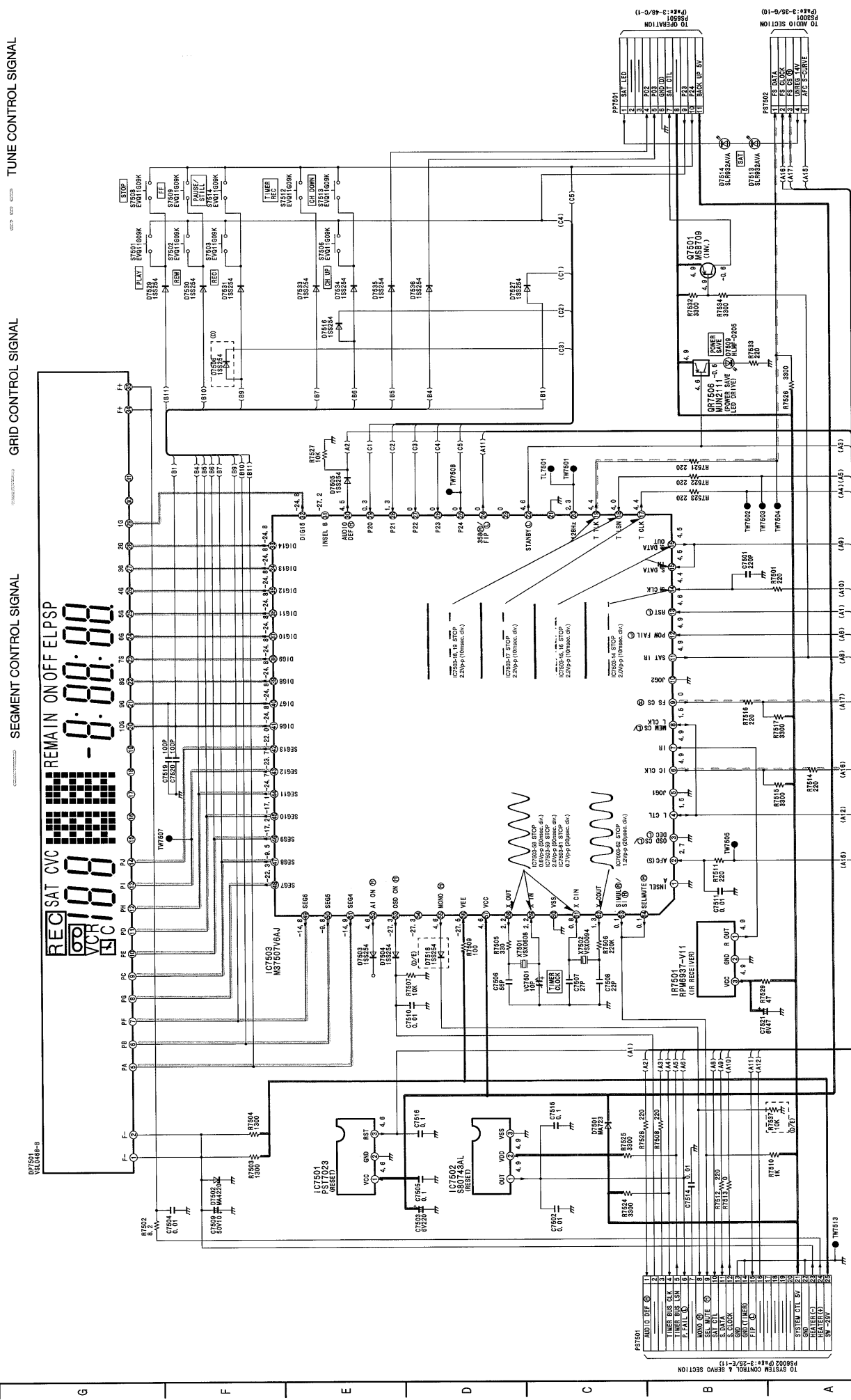
VIDEO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN REC MODE



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

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

3-19. TIMER SCHEMATIC DIAGRAM

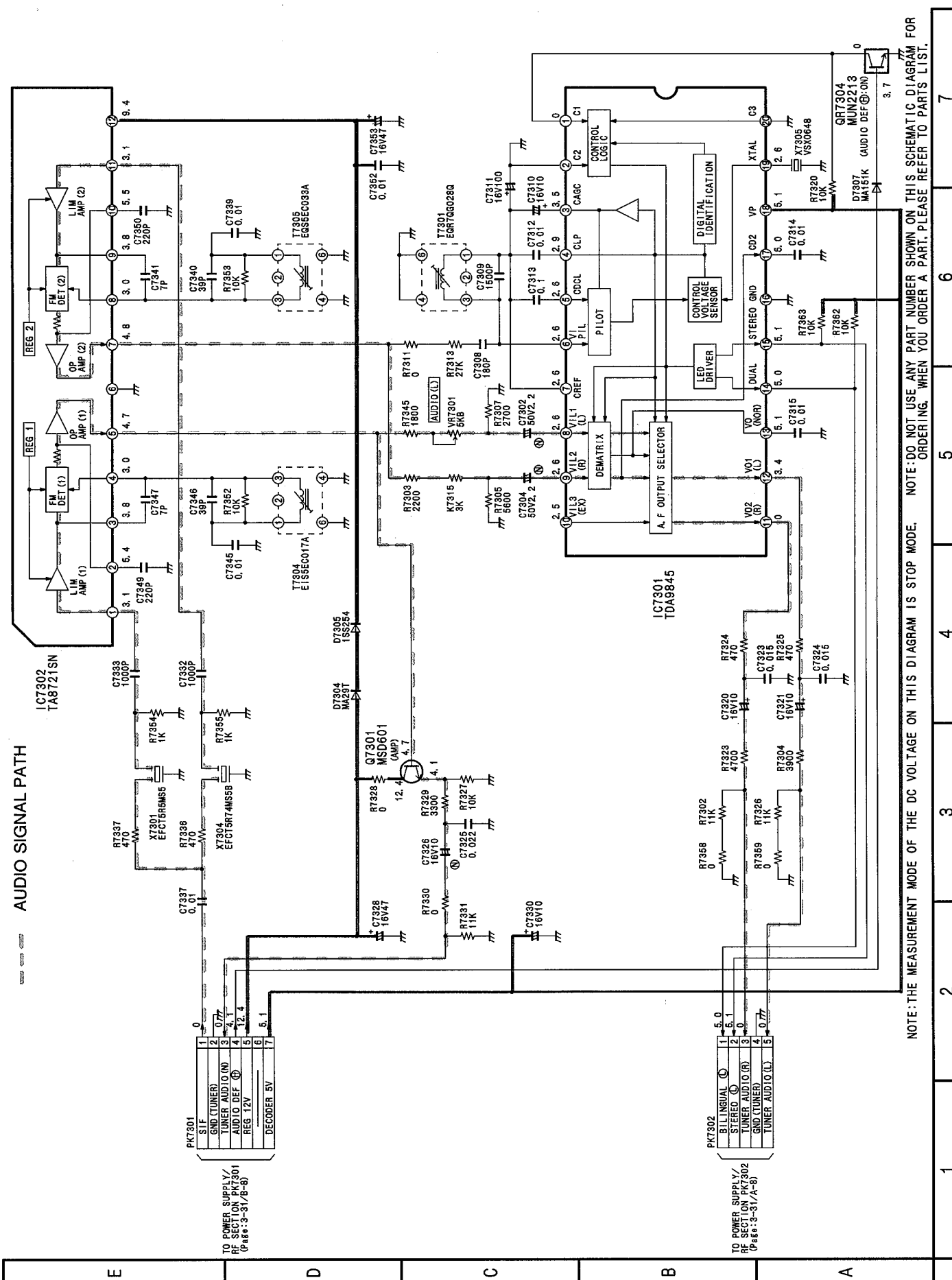


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE. NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

[illegible]

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

3-21. DECODER PACK SCHEMATIC DIAGRAM (NV-HD625EG/EGH/EGM)

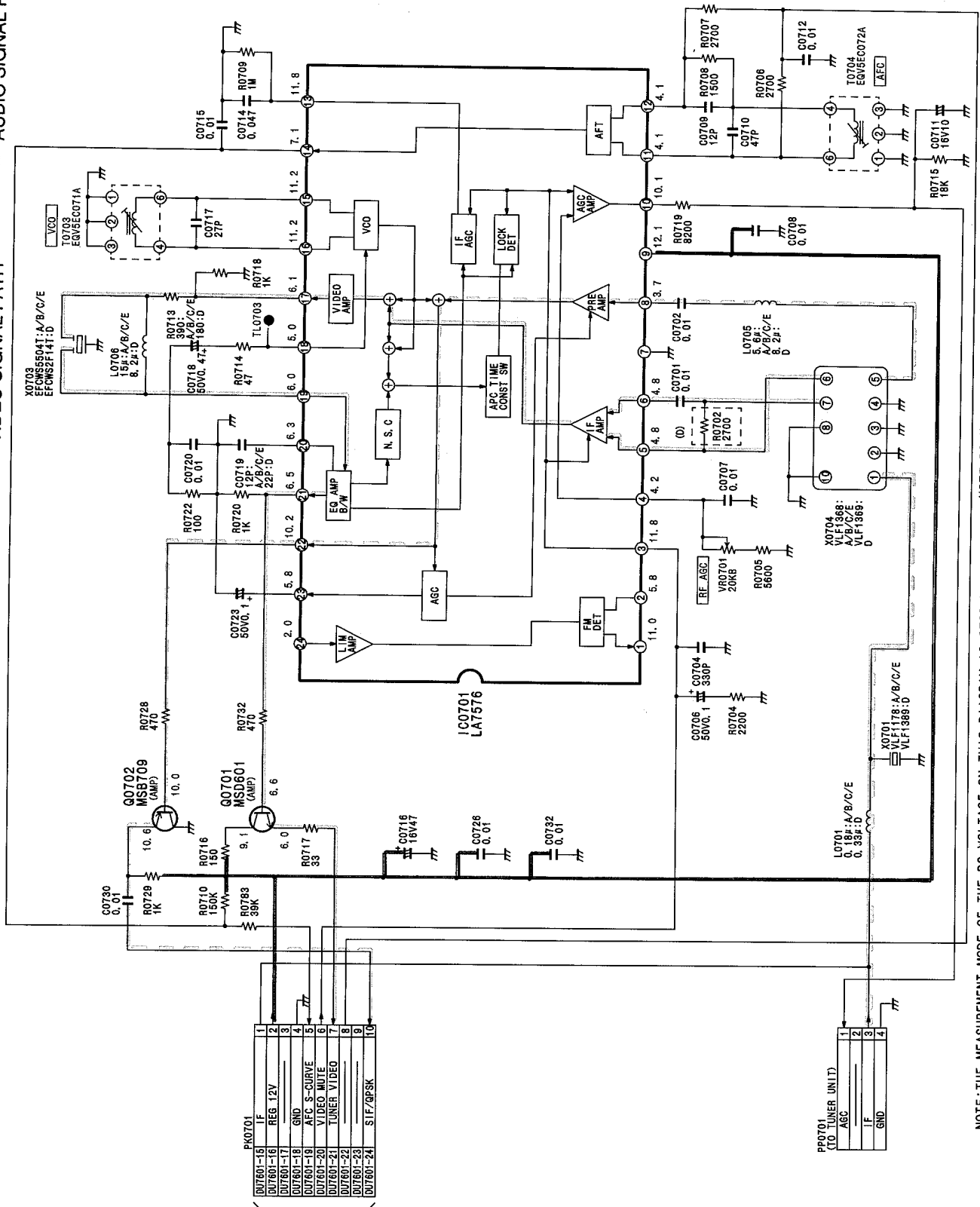


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE. NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-22. TV DEMODULATOR PACK SCHEMATIC DIAGRAM

VIDEO SIGNAL PATH

AUDIO SIGNAL PATH



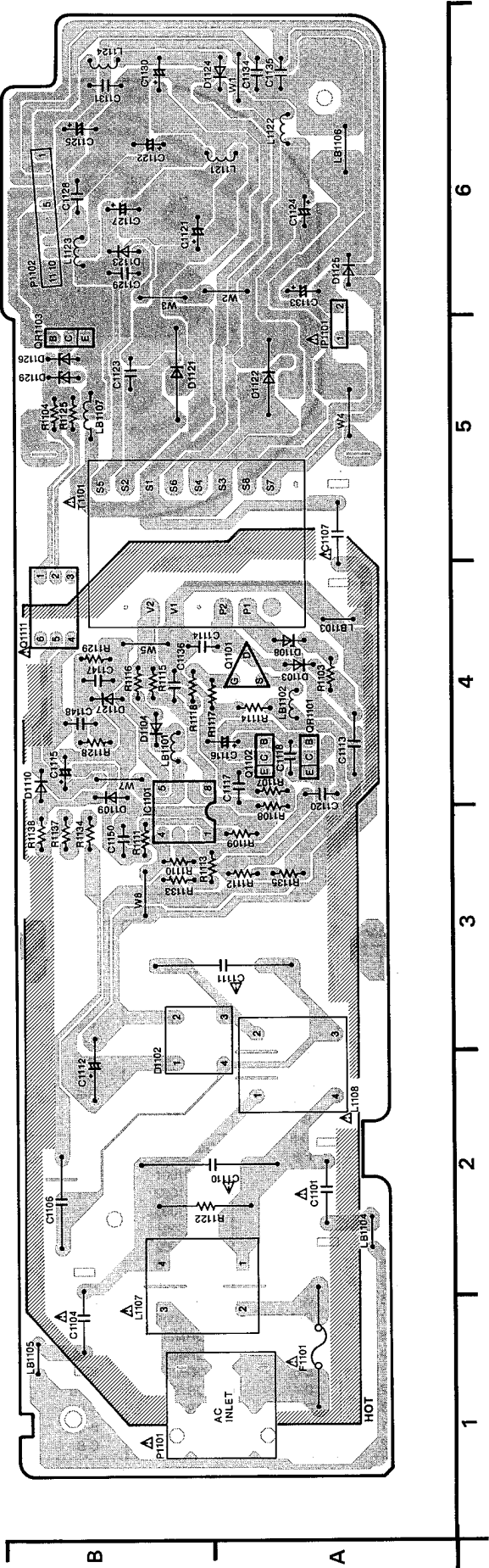
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE. NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-23. POWER C.B.A. (VEP01763C)

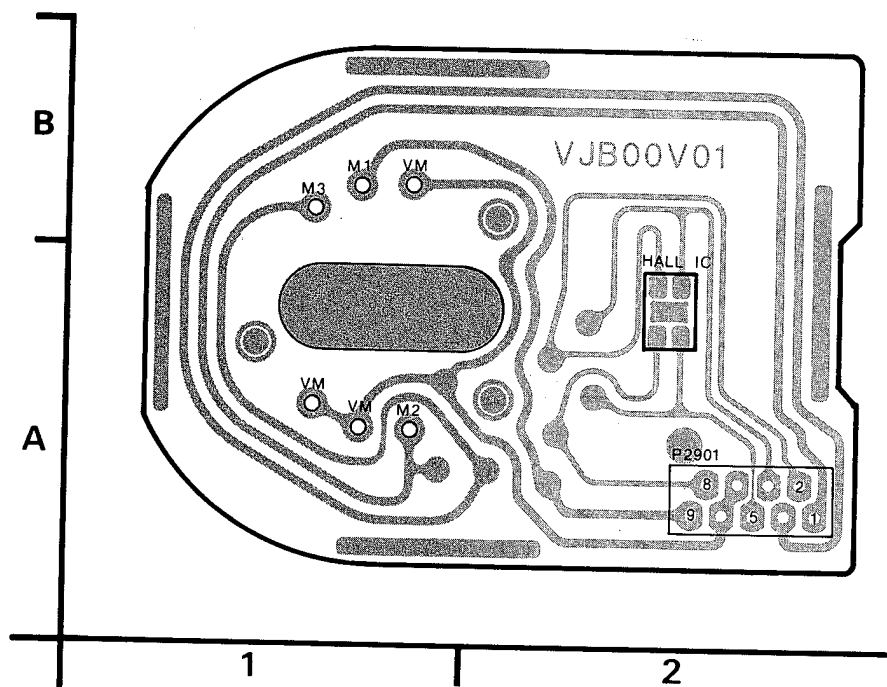
POWER C.B.A.	
Transistor	
Q1101	A-4
Q1102	A-4
Q1111	B-4
Transistor & Resistor	
QR1101	A-4
QR1103	B-5
Integrated Circuit	
IC1101	B-3
Connector	
P1101	B-1
P1102	B-6

ADDRESS INFORMATION

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



3-24. CYLINDER STATOR UNIT (VEK7236)



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

ADDRESS INFORMATION

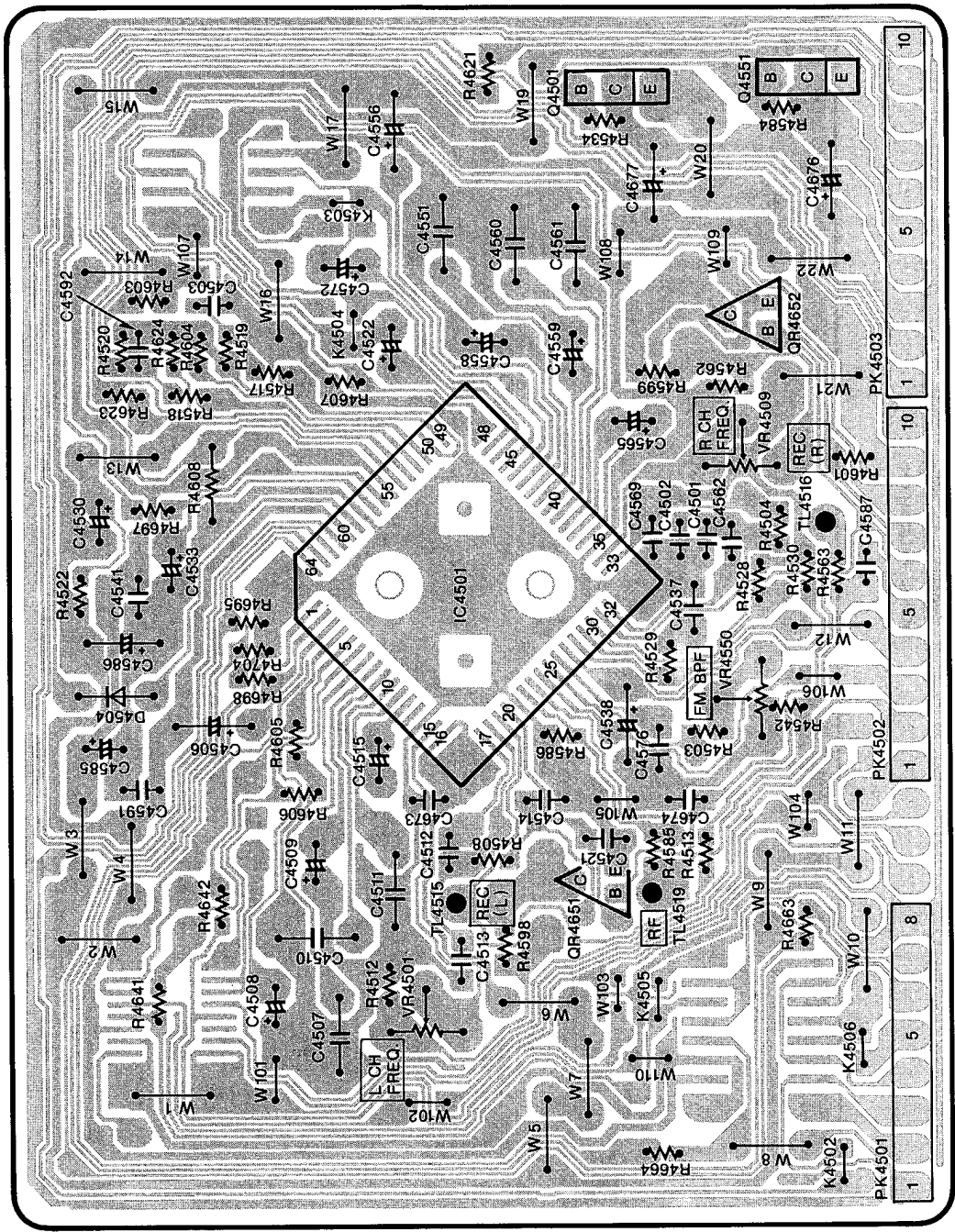
MAIN C.B.A.									
Transistor		Q7603		B-1		Integrated Circuit		TL4522	
Q1001	B-1	Q7702	E-7	Q7704	C-8	IC1001	C-1	TL6001	D-4
Q1002	D-2	Q7705	D-7	Q7706	B-8	IC2001	E-1	TL6002	D-3
Q1003	C-1	Q7707	C-8	Q7708	B-8	IC2002	F-4	TW23	C-10
Q1004	C-2	Q7709	B-5	Q7710	B-5	IC2003	F-6	TW24	C-10
Q1005	B-1	Q7711	B-5	Q7712	B-5	IC4001	F-2	TW1003	A-9
Q1006	D-1					IC6001	C-3	TW2001	H-8
Q1007	C-1					IC6002	A-6	TW2002	H-3
Q3001	B-10					IC6003	B-4	TW2026	G-4
Q3002	G-8					IC7701	C-7	TW3001	G-9
Q3003	B-9					IC7702	B-6	TW3003	H-10
Q3004	G-9					IC7703	B-8	TW3026	B-9
Q3005	F-9					IC7704	B-8	TW3035	E-9
Q3006	F-8					IC7705	C-8	TW4002	G-2
Q3007	F-7					IC7706	C-6	TW4003	G-2
Q3010	C-9					IC7708	D-6	TW4028	H-3
Q3023	F-8					IC7712	C-7	TW4511	H-4
Q3024	F-9							TW7601	C-11
Q3025	B-10								
Q4005	H-1								
Q4006	G-1								
Q4007	G-2								
Q4008	G-2								
Q4009	G-2								
Q6001	E-5								
Q6002	D-1								
Q6003	D-8								
Q7601	G-10								
Q7602	E-10								
Transistor & Resistor		Test Point		Adjustment		Connector			
QR1001	A-1	TL2001	H-7	VR2001	F-1	P2001	B-3		
QR1002	A-1	TL2002	D-5	VR3001	B-9	P2002	G-4		
QR1003	B-1	TL2009	C-5	VR3002	B-9	P2003	G-3		
QR3001	F-9	TL3002	H-10	VR3012	F-9	P2005	G-5		
QR3002	F-8	TL3003	H-9	VR3013	F-8	P3002	G-7		
QR3003	F-9	TL4503	H-6	VR3014	E-1	P4002	G-2		
QR3027	B-9	TL4504	H-4	VR4001	F-1	P4003	G-3		
QR4001	H-1	TL4505	H-6			P6001	D-2		
QR6001	E-1	TL4506	H-6			DU7601	D-11		
QR6002	E-2	TL4521	H-9			PK3001	C-9		
QR6004	D-4					PK3002	D-9		
QR6005	F-1					PK3003	E-9		
QR7601	D-10					PK3004	G-9		
QR7602	A-2					PK4001	H-4		
QR7603	B-2					PK4002	H-3		
QR7703	C-8					PK4003	H-2		
						PK7301	C-10		
						PK7302	B-10		
						PP3002	H-9		
						PP3003	H-8		
						PP3004	H-7		
						PP3005	H-5		
						PS3001	A-8		
						PS3006	B-1		
						PS6002	A-1		
						TU7601	E-11		

ADDRESS INFORMATION

3-28. HI-FI AUDIO PACK C.B.A. (VEP04664B)

HI-FI AUDIO PACK C.B.A.		
Transistor	Q4501	B-3
	Q4551	A-3
Transistor & Resistor	QR4651	B-1
	QR4652	A-3
Integrated Circuit		
IC4501	B-2	
Test Point		
TL4515 TL4516 TL4519	B-1	
	A-2	
	A-1	
Adjustment		
VR4501 VR4509 VR4550	B-1	
	A-3	
	A-2	
Connector		
PK4501 PK4502 PK4503	A-1	
	A-2	
	A-3	

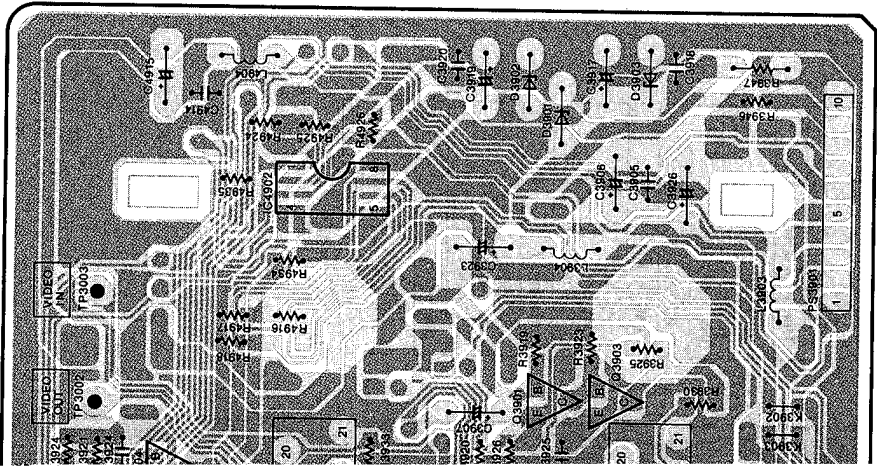
ADDRESS INFORMATION



C B A

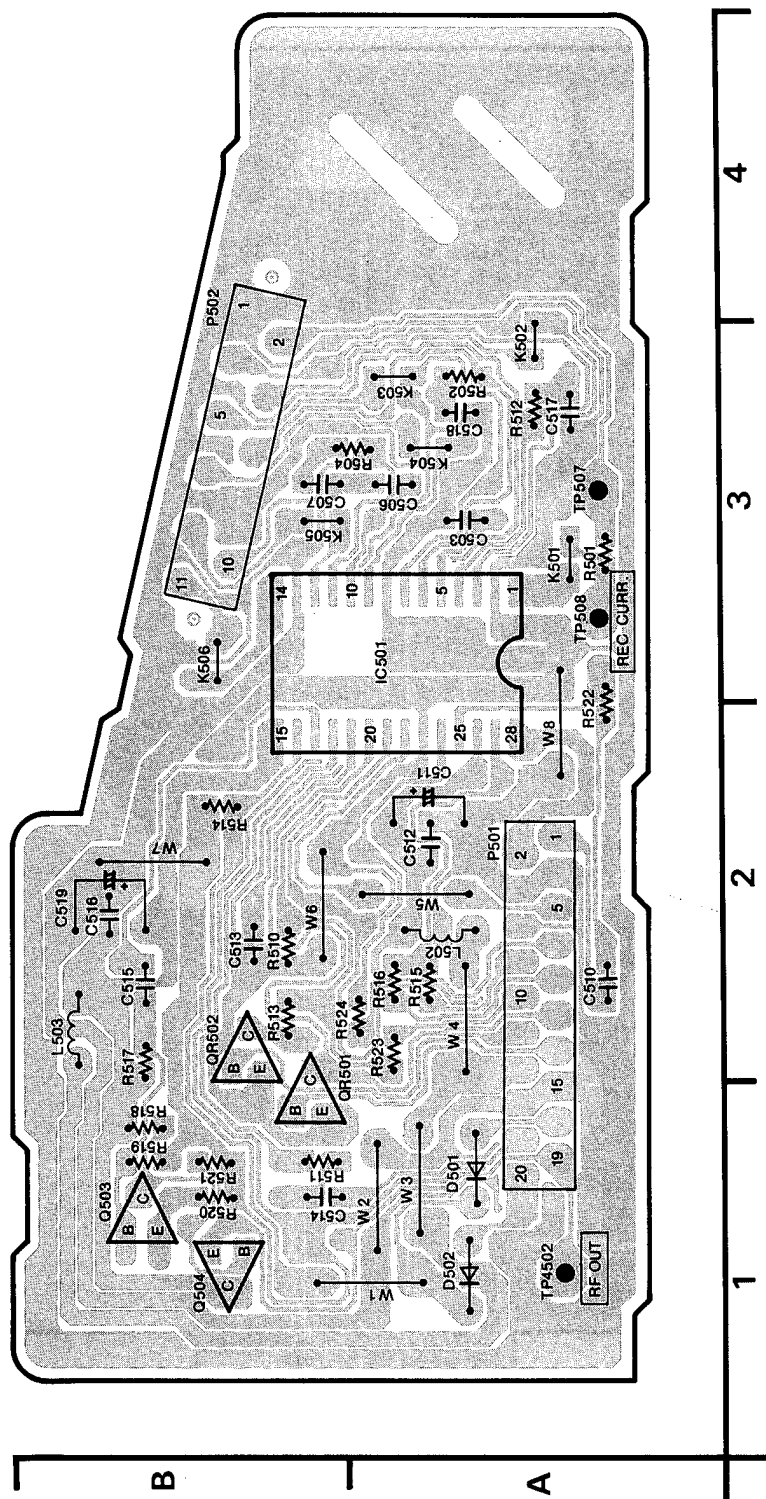
3-29. INPUT/OUTPUT PACK C.B.A. (VEP03D96D)

Connector		
C-5	P3901	C-3
C-6	PS3901	A-6
C-5	PS3902	A-5
C-4	PS3903	A-3
C-4	PS3904	A-1
C-5		
C-4		



3-30. HEAD AMP C.B.A. (VEP05349A)

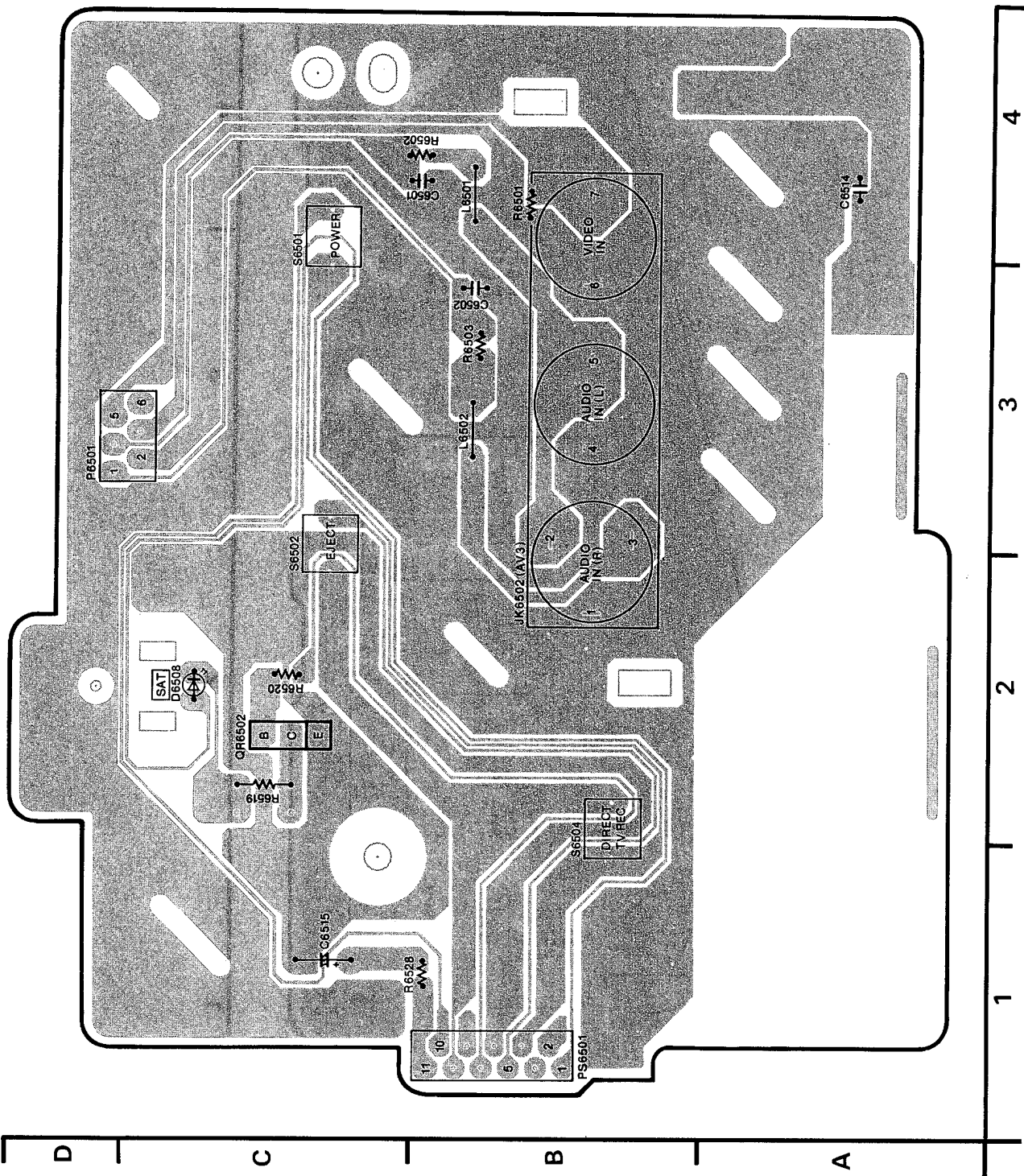
HEAD AMP C.B.A.		
Transistor		
Q503	B-1	
Q504	B-1	
Transistor & Resistor		
QR501	B-1	
QR502	B-2	
Integrated Circuit		
IC501	A-3	
Test Point		
TP507	A-3	
TP508	A-3	
TP4502	A-1	
Connector		
P501	A-2	
P502	B-3	
ADDRESS INFORMATION		



3-31. OPERATION C B A (VEP06B98B)

OPERATION C.B.A.	
Transistor	
Q6502	C-2
Connector	
P6501	D-3
PS6501	B-1

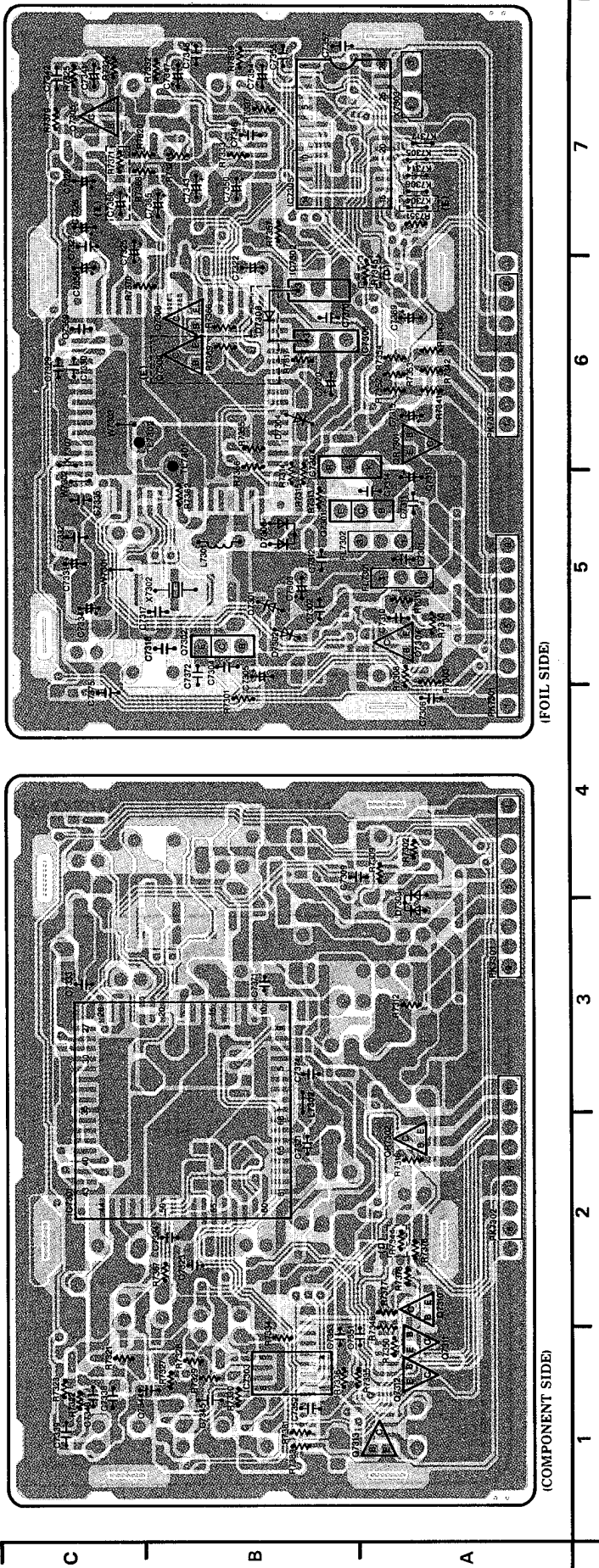
ADDRESS INFORMATION



3-32. NICAM DECODER PACK C B A (VEP07787Q: NV-HD625B)
(VEP07787P: NV-HD625EC)

NICAM DECODER PACK C.B.A.				
Transistor	Q7301 Q7302 Q7304 Q7305 Q7308	B-5	IC7303	B-1
		B-5	IC7304	B-6
		A-5	IC7305	B-7
		C-7	IC7306	B-6
		Test Point		
	Q7309	B-6	TL7301	B-6
	Q7310	A-2	TL7302	C-6
	Q7311	A-1	Connector	
	Q7312	A-1		
	Q7313	A-1		
Transistor & Resistor	QR7301	A-6	PK7301	A-3
	QR7302	A-2	PK7301	A-5
Integrated Circuit	IC7301 IC7302	C-2	PK7302	A-2
			PK7302	A-6

ADDRESS INFORMATION

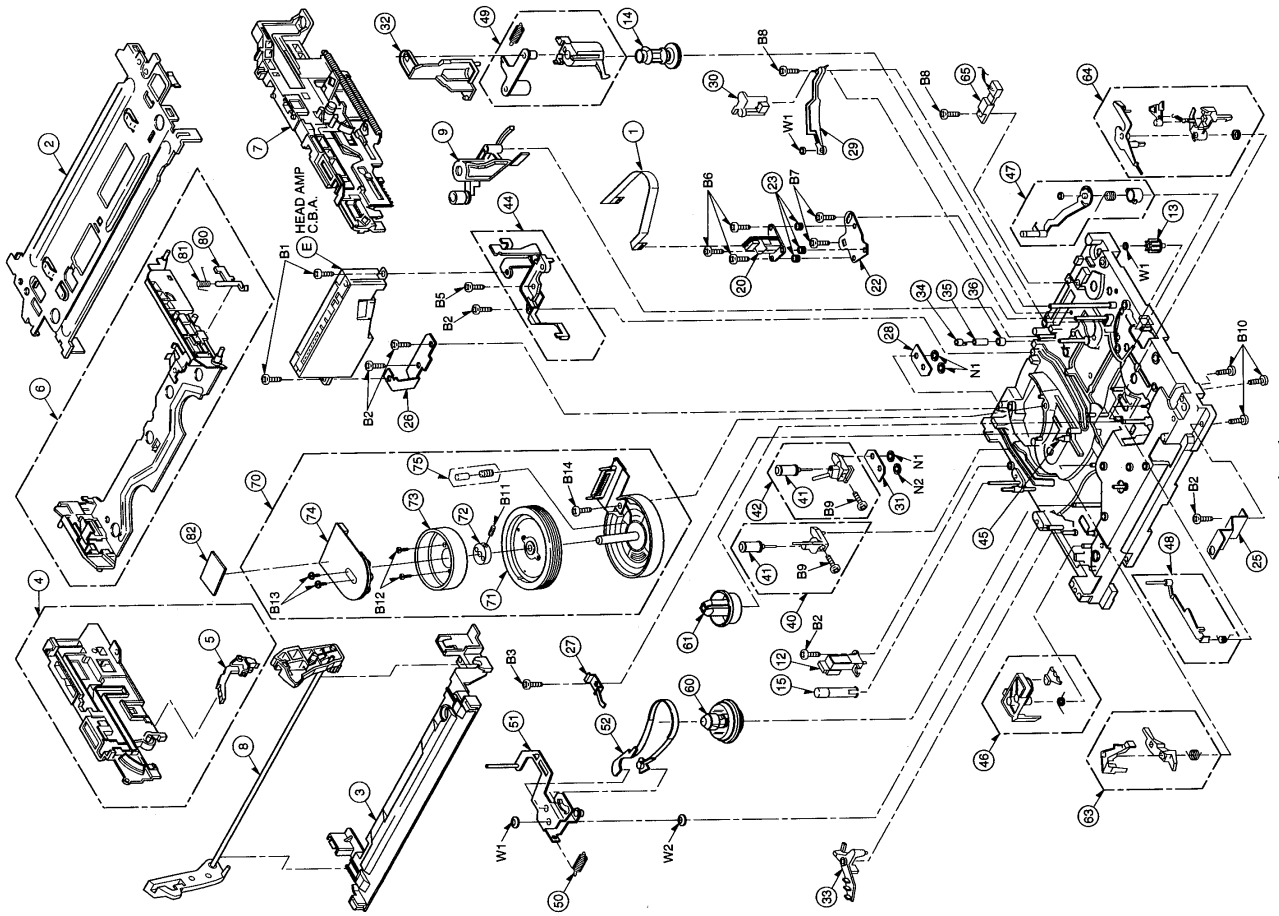


SECTION 4

EXPLODED VIEWS & PARTS LIST

4-1. EXPLODED VIEW & MECHANICAL REPLACEMENT PARTS LIST

CHASSIS PARTS SECTION (1)



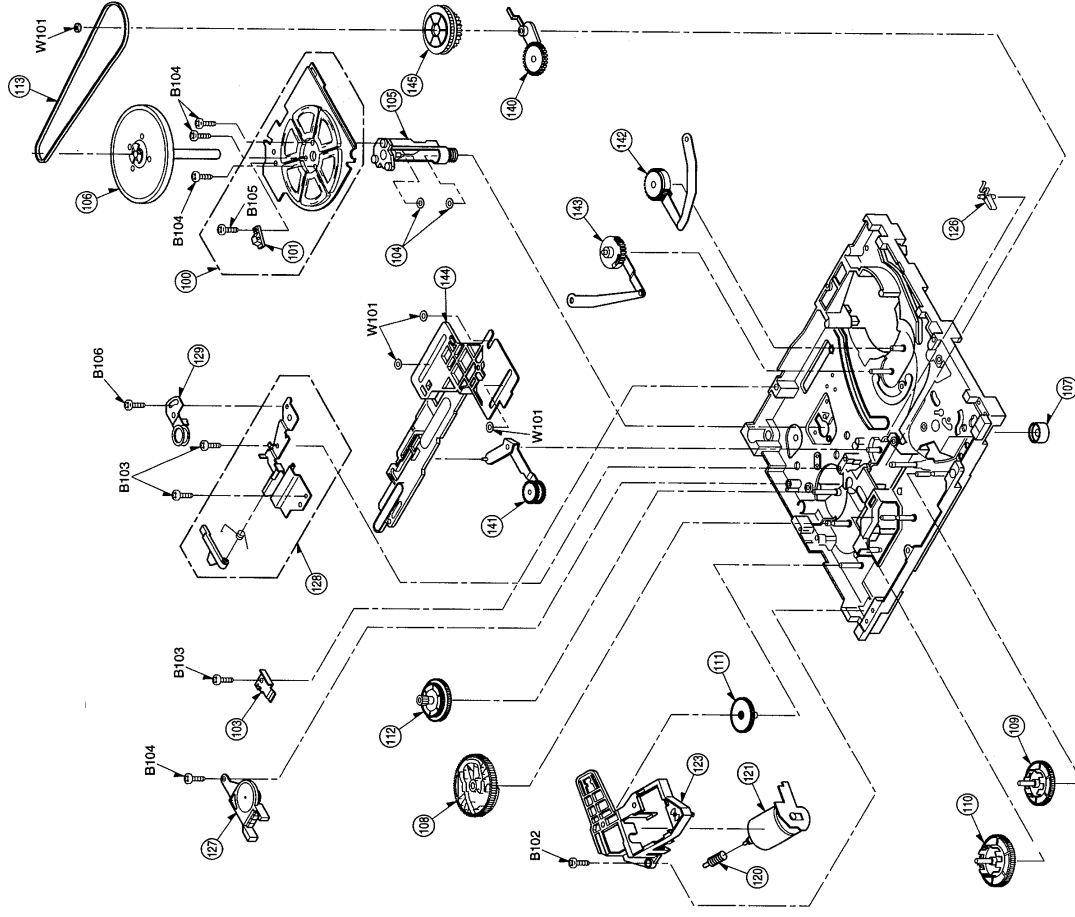
Note: 1. Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark Δ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
W1 (1)	W10192	NUT	3	
W2 (1)	W10193	NUT	1	
W1 (1)	W10208	WASHER	3	
W2 (1)	W10209	WASHER	1	

② CHASSIS PARTS SECTION (2)

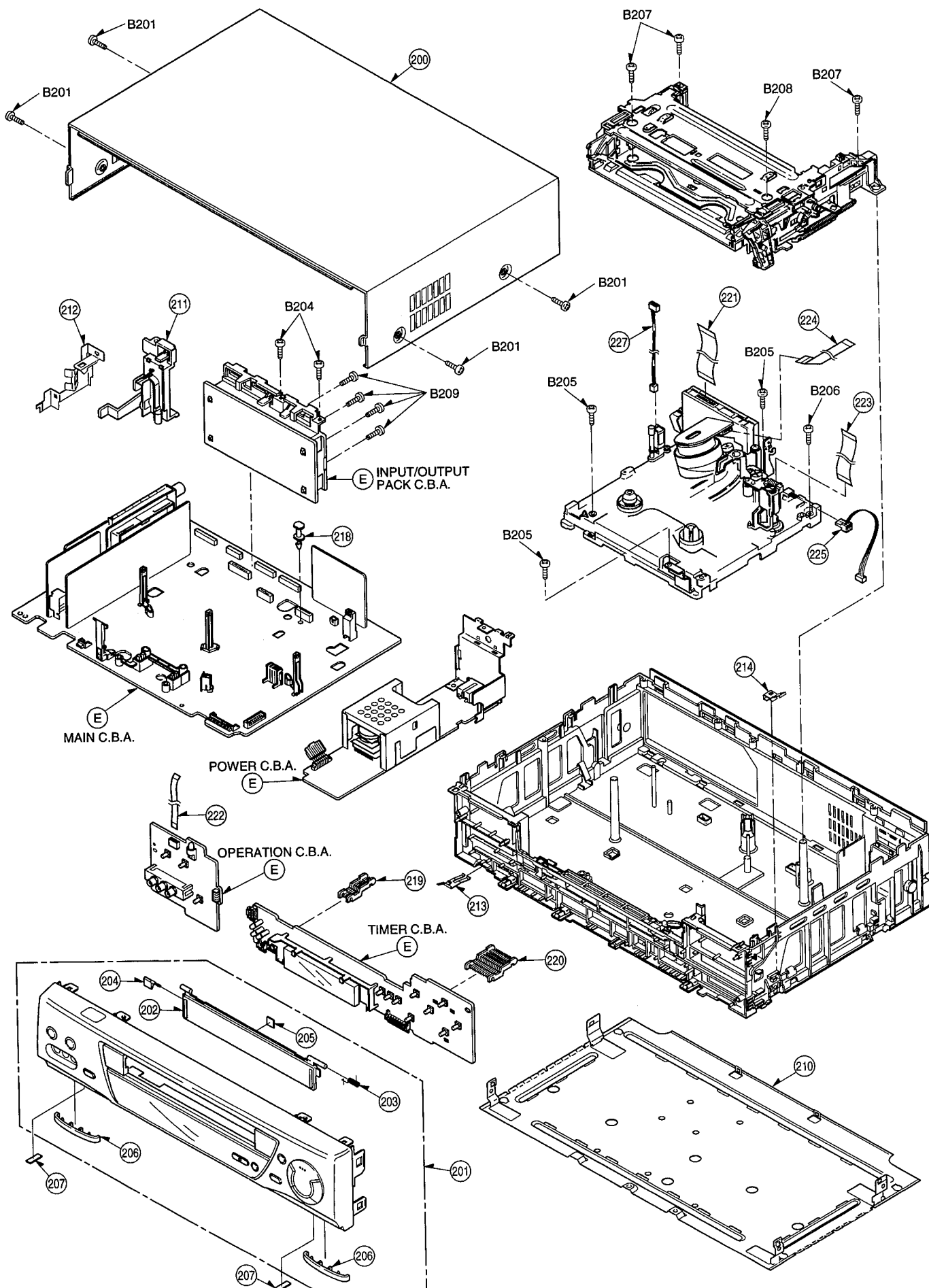
Note: 1. * Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark Δ have the special characteristics for safety. When replacing any of these components, use only the same type.

Note: 1. * Be sure to make your orders of replacement parts according to this list.

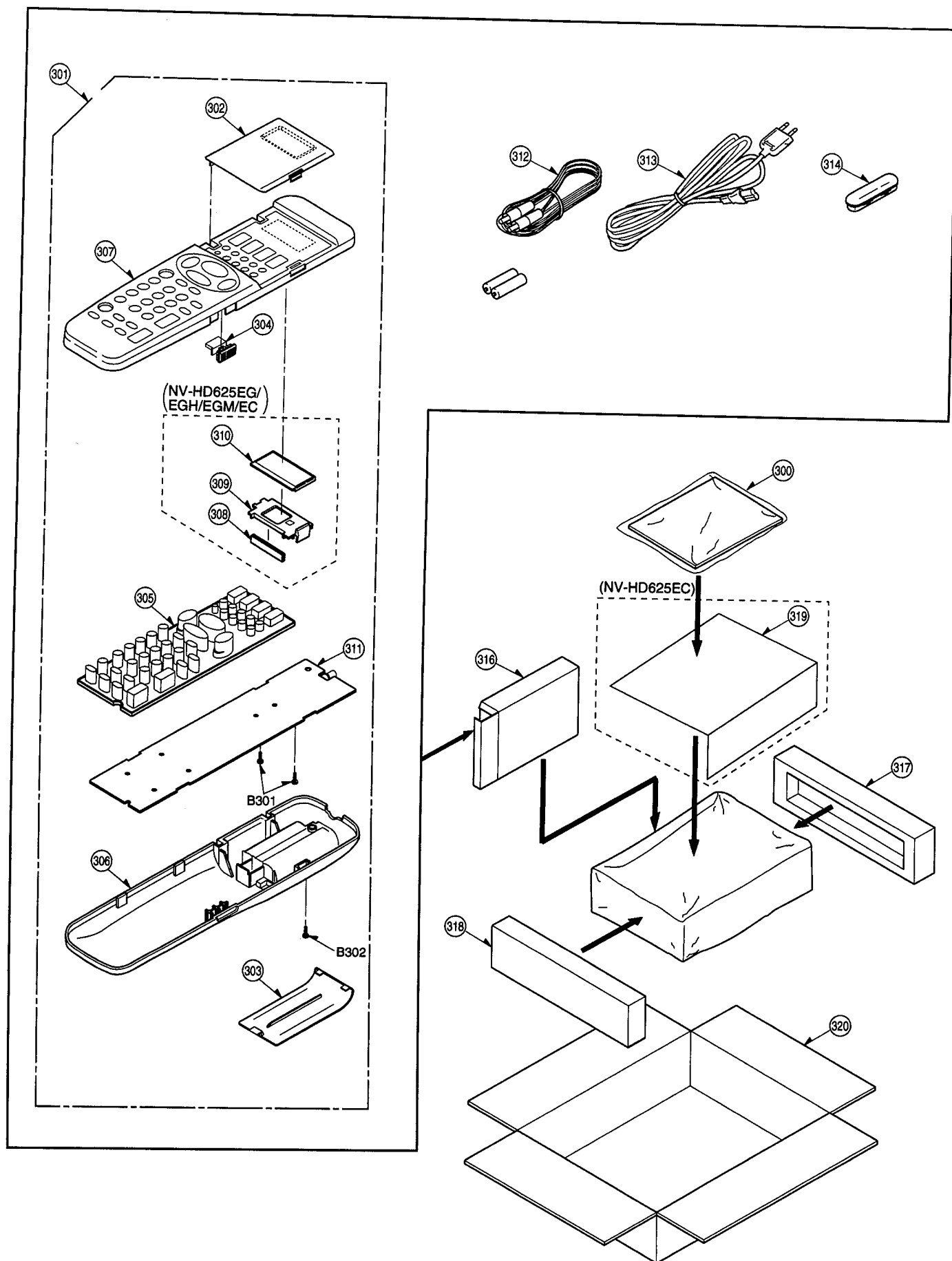


Ref. No.	Part No.	Part Name & Description	Pos	Remarks
100 (2)	VEK5927	CAMSTAN STATOR UNIT	1	
101 (2)	VRK0061	FG HEAD	1	
103 (2)	VRK8930	ROTOR STOPPER	1	
104 (2)	WMK1927	OIL SEAL	2	
105 (2)	VM00140	HOUSING UNIT	1	
106 (2)	VPF1519	CAMSTAN ROTOR UNIT	1	
107 (2)	VM00297	THRUST SCREW UNIT	1	
108 (2)	VM00913	MAIN CAM GEAR	1	
109 (2)	VM00956	SUPPLY REEL GEAR	1	
110 (2)	VM00957	TAKE UP REEL GEAR	1	
111 (2)	VM00968	WORM WHEEL GEAR	1	
112 (2)	VM00885	SUB CAM GEAR	1	
113 (2)	VM0235	TIMING BELT	1	
120 (2)	VM00866	WORM GEAR	1	
121 (2)	VM0427	LOADING MOTOR (1) UNIT	1	
123 (2)	VM01942	MOTOR BRACKET	1	
126 (2)	VM12725	IDLER CONTROL LEVER	1	
127 (2)	VSS0365	SS BRAKE UNIT	1	
128 (2)	VAS138	TENSION ROLLER UNIT	1	
129 (2)	VAA7199	IDLER ARM UNIT	1	
140 (2)	VIL2378	DIRECT LEVER UNIT	1	
141 (2)	VIL2372	TAKE UP LOADING ARM UNIT	1	
142 (2)	VIL2289	MAIN LEVER UNIT	1	
143 (2)	VIL2300	CENTRE CLUTCH	1	
144 (2)	VIL2307	SCREW	1	
145 (2)	VXP1409	SCREW	1	
B102 (2)	XTV26+8F	SCREW	1	
B103 (2)	XTV26+6F	SCREW	3	
B104 (2)	VM00753	SCREW	4	
B105 (2)	VM00754	SCREW	1	
B106 (2)	XSB26+4FZ	SCREW	1	
W101 (2)	VMK2208	WASHER	4	
200 (3)	VM01150	TOP PANEL	1	
201 (3)	VPF6438	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV]
201 (3)	VPF6438	FRONT PANEL UNIT	1	NW-H06256/EGW/EGM
201 (3)	VPF6438	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV]
201 (3)	VPF6438	FRONT PANEL UNIT	1	NW-H06258
201 (3)	VPF6437	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV]
201 (3)	VPF6437	FRONT PANEL UNIT	1	NW-H06256G
202 (3)	VKE2209	BLINDER PANEL	1	[SUPPLIED FROM MBV]
203 (3)	VM02321	BLINDER SPRING	1	
204 (3)	VM0148	BLINDER CAM	1	
205 (3)	VM0502	BLINDER CUSHION	1	
206 (3)	VM0191	LEG	2	
207 (3)	VM0122	FOOT	2	
210 (3)	VM00412	BOTTOM PLATE	1	
211 (3)	VJH0979	ANTENNA JACK PLATE	1	[SUPPLIED FROM MBV]
212 (3)	VMC1213	ANTENNA EARTH SPRING	1	
213 (3)	VMC1062	JACK EARTH SPRING	1	
214 (3)	VMC1065	EARTH SPRING	1	
218 (3)	VMK2233	C. B. A. SPACER	1	
219 (3)	VJP3673A0056	BRIDGE CONNECTOR (SP)	1	PS3001-PS1502
220 (3)	VJP3673A0256	BRIDGE CONNECTOR (2SP)	1	PS6002-PS1501
221 (3)	VMJ1158	FLAT CARD CABLE (20P)	1	[SUPPLIED FROM MBV]
222 (3)	VMJ1103	FLAT CARD CABLE (6P)	1	PS01-PS002
223 (3)	VMJ1102	FLAT CARD CABLE (15P)	1	PS001-PS001
224 (3)	VMJ1105	FLAT CARD CABLE (9P)	1	[SUPPLIED FROM MBV]
225 (3)	VEE9223	WIRE CABLE	1	P2002-CAMSTAN
227 (3)	VEE9776	WIRE CABLE	1	P2005-CYLINDER
B201 (3)	ATK3+10TFZ	SCREW	4	P2003-POWER TR
B204 (3)	VM00773	SCREW	2	P4003-FE HEAD
B205 (3)	VM00168	SCREW	3	
B206 (3)	VM00874	SCREW	1	
B207 (3)	XTV26+8FR	SCREW	3	
B208 (3)	XTV26+10F	SCREW	1	
B209 (3)	XTV3+8BFZ	SCREW	4	

3 CASING PARTS SECTION




4 PACKING 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  have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name & Description	Pos	Remarks
△ 300 (4)	VQT6913	OPERATING INSTRUCTIONS (ENGLISH/ITALIAN)	1	[SUPPLIED FROM MBV] NV-HD625EG/EGM
△ 300 (4)	VQT6914	OPERATING INSTRUCTIONS (DUTCH)	1	[SUPPLIED FROM MBV] NV-HD625EG/EGH/EC
△ 300 (4)	VQT6915	OPERATING INSTRUCTIONS (GERMAN/FRENCH)	1	[SUPPLIED FROM MBV] NV-HD625EG/EGM/EC
△ 300 (4)	VQT6916	OPERATING INSTRUCTIONS (SPANISH/PORTUGUESE)	1	[SUPPLIED FROM MBV] NV-HD625EG
△ 300 (4)	VQT6917	OPERATING INSTRUCTIONS (SWEDISH/DANISH/FINNISH)	1	[SUPPLIED FROM MBV] NV-HD625EG
△ 300 (4)	VQT6924	OPERATING INSTRUCTIONS (ENGLISH)	1	[SUPPLIED FROM MBV] NV-HD625B
301 (4)	VEQ1944	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV] NV-HD625EG/EGH/EGM/EC
301 (4)	VEQ1951	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV] NV-HD625B
302 (4)	VGP4342	DOOR PANEL	1	[SUPPLIED FROM MBV] NV-HD625EG/EGH/EGM/EC
302 (4)	VGP4395	DOOR PANEL	1	NV-HD625B
303 (4)	VKF2670	BATTERY COVER	1	
304 (4)	VGU7307	SWITCH KNOB	1	
305 (4)	VSP1040	RUBBER CONTACT	1	[SUPPLIED FROM MBV] NV-HD625EG/EGH/EGM/EC
305 (4)	VSP1039	RUBBER CONTACT	1	[SUPPLIED FROM MBV] NV-HD625B
306 (4)	VYK7176	BOTTOM COVER UNIT	1	
307 (4)	VYK7617	TOP COVER UNIT	1	[SUPPLIED FROM MBV] NV-HD625EG/EGH/EGM/EC
307 (4)	VYK7619	TOP COVER UNIT	1	[SUPPLIED FROM MBV] NV-HD625B
308 (4)	VSQ0998T	CONDUCTIVE RUBBER	1	[SUPPLIED FROM MBV] NV-HD625EG/EGH/EGM/EC
309 (4)	VSQ0999	LCD SPACER	1	[SUPPLIED FROM MBV] NV-HD625EG/EGH/EGM/EC
310 (4)	VSL0492A	LCD	1	[SUPPLIED FROM MBV] NV-HD625EG/EGH/EGM/EC
311 (4)	—————	REMOTE CONTROLLER C.B.A.	1	THE C.B.A. IS NOT SUPPLIED AS SPARE PART
312 (4)	VJA0963	DIN RF CABLE	1	
△ 313 (4)	VJA0664	AC CORD	1	NV-HD625EG/EGH/EGM/EC
△ 313 (4)	VJA0733	AC CORD	1	NV-HD625B
314 (4)	VKF2710	JACK COVER	1	[SUPPLIED FROM MBV]
316 (4)	VPK0825	ACCESSORIES PACKING	1	
317 (4)	VPN4449	CUSHION (R)	1	[SUPPLIED FROM MBV]
318 (4)	VPN4450	CUSHION (L)	1	[SUPPLIED FROM MBV]
319 (4)	VPN4460	PAD	1	NV-HD625EG
320 (4)	VPG8872	PACKING	1	[SUPPLIED FROM MBV]
B301 (4)	XTB2+6G	SCREW	2	
B302 (4)	XTB2+8GFZ	SCREW	1	
		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	MORLYTONE GREASE	1	
	VFK0680	WHITE GREASE	1	
	VFK0851	CENTRE FIXING TOOL	1	
	VFK0330	FINE ADJUSTMENT GEAR DRIVER	1	
	VFK1140	11P EXTENSION CABLE	1	

[illegible]

4-2. ELECTRICAL REPLACEMENT PARTS LIST

- Note: 1. Be sure to make your orders of replacement parts according to this list.
 2. IMPORTANT SAFETY NOTICE: Components identified with the mark 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=pF.
 4. The P.C. Board units marked with "■" show below the main assembled parts.
 5. The marking (RTL) indicates the retention time is limited for this item.
 After the discontinuation of this assembly in production, it will no longer be available.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■	VEP06B97F	MAIN C. B. A. (Page:4-8)	1	[SUPPLIED FROM MBV] (RTL) NV-HD625EG/EGH THE FOLLOWING C.B.A. S ARE INCLUDED IN MAIN C.B.A. VEP03D95D VEP04664B VEP07784E VEP07801AG
■	VEP03D95D	LUMINANCE & CHROMINANCE PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97F).
■	VEP04664B	HI-FI AUDIO PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97F).
■	VEP07784E	DECODER C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97F).
■	VEP07801AG	TV DEMODULATOR C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97F).
■	VEP06C38C	MAIN C. B. A. (Page:4-15)	1	[SUPPLIED FROM MBV] (RTL) NV-HD625EGM THE FOLLOWING C.B.A. S ARE INCLUDED IN MAIN C.B.A. VEP03D95D VEP04664B VEP07784E VEP07801AG
■	VEP03D95D	LUMINANCE & CHROMINANCE PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C38C).
■	VEP04664B	HI-FI AUDIO PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C38C).
■	VEP07784E	DECODER C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C38C).
■	VEP07801AG	TV DEMODULATOR C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C38C).
■	VEP06B97G	MAIN C. B. A. (Page:4-21)	1	[SUPPLIED FROM MBV] (RTL) NV-HD625B THE FOLLOWING C.B.A. S ARE INCLUDED IN MAIN C.B.A. VEP03D95H VEP04664B VEP07787Q VEP07801AD
■	VEP03D95H	LUMINANCE & CHROMINANCE PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97G).
■	VEP04664B	HI-FI AUDIO PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97G).

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■	VEP07787Q	NICAM DECODER C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97G).
■	VEP07801AD	TV DEMODULATOR C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97G).
■	VEP06B97H	MAIN C. B. A. (Page:4-28)	1	[SUPPLIED FROM MBV] (RTL) NV-HD625EC THE FOLLOWING C.B.A. S ARE INCLUDED IN MAIN C.B.A. VEP03D95D VEP04664B VEP07787P VEP07801AG
■	VEP03D95D	LUMINANCE & CHROMINANCE PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97H).
■	VEP04664B	HI-FI AUDIO PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97H).
■	VEP07787P	NICAM DECODER C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97H).
■	VEP07801AG	TV DEMODULATOR C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06B97H).
■	VEP03D96D	INPUT/OUTPUT C. B. A. (Page:4-35)	1	[SUPPLIED FROM MBV] (RTL)
■	VEP05349A	HEAD AMP C. B. A. (Page:4-36)	1	[SUPPLIED FROM MBV] (RTL)
■	VEP07957D	TIMER C. B. A. (Page:4-36)	1	[SUPPLIED FROM MBV] (RTL) NV-HD625EG/EGH/EGM
■	VEP07957E	TIMER C. B. A. (Page:4-37)	1	[SUPPLIED FROM MBV] (RTL) NV-HD625B
■	VEP07957F	TIMER C. B. A. (Page:4-37)	1	[SUPPLIED FROM MBV] (RTL) NV-HD625EC
■	VEP06B98B	OPERATION C. B. A. (Page:4-38)	1	[SUPPLIED FROM MBV] (RTL)
Δ	VEP01763C	POWER C. B. A. (Page:4-38)	1	[SUPPLIED FROM MBV] (RTL)
■	-----	CYLINDER STATOR C. B. A. (Page:4-39)	1	C. B. A. IS INCLUDED IN CYLINDER STATOR UNIT (VEK7236).
■	-----	MOTOR C. B. A. (Page:4-39)	1	C. B. A. IS INCLUDED IN LOADING MOTOR (1) UNIT (VEM0427).
Δ	TU7601	ENG47259G1	1	[SUPPLIED FROM MBV] NV-HD625EG/EGH/EGM/EC
Δ	TU7601	ENG47258G1	1	[SUPPLIED FROM MBV] NV-HD625B
Δ	F1101	VSF0231C16	1	
■	VEP06B97F	MAIN C. B. A.		[SUPPLIED FROM MBV] (RTL) NV-HD625EG/EGH

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
G301	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1		C0714	ECGB1H473JF	P. CAPACITOR 50V 0.047U	1	
G302	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1		C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G305	ECUX1H1026CV	C. CAPACITOR CH 50V 1000P	1	[SUPPLIED FROM MBV]	C0716	ECEA1GKA470	E. CAPACITOR 16V 47U	1	
G306	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1		C0717	ECUX1H270JPV	C. CAPACITOR CH 50V 27P	1	
G307	ECEATEKA4R7	E. CAPACITOR 25V 4.7U	1		C0718	ECEA1HKS47	E. CAPACITOR 50V 0.47U	1	
G309	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1		C0719	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
G310	ECUX1E223KBV	C. CAPACITOR CH 25V 0.022U	1		C0720	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G311	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1		C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
G312	ECUX1H680JCV	C. CAPACITOR CH 50V 68P	1		C0726	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G313	ECUX1H681GCV	C. CAPACITOR CH 50V 680P	1	[SUPPLIED FROM MBV]	C0730	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G314	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C0732	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G315	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C801	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
G316	ECEA1HKA010	E. CAPACITOR 50V 1U	1		C802	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G317	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1		C803	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
G318	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		C804	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G319	ECUX1H222KBV	C. CAPACITOR CH 50V 2200P	1		C805	ECUX1H050GCV	C. CAPACITOR CH 50V 5P	1	
G320	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1		C806	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
G321	ECEA1HKA010	E. CAPACITOR 50V 1U	1		C807	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G322	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1		C1001	ECEA1GGE101	E. CAPACITOR 16V 100U	1	
G323	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G324	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1		C1003	ECEA1GGE470	E. CAPACITOR 16V 47U	1	
G325	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G327	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1		C1005	ECEA0JG6220	E. CAPACITOR 6.3V 22U	1	
G328	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1		C1006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G329	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1		C1007	ECEA0JG6101	E. CAPACITOR 6.3V 100U	1	
G330	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1		C1008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G331	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1		C1009	ECEA1AKG220	E. CAPACITOR 10V 22U	1	[SUPPLIED FROM MBV]
G332	ECUX1H681JCV	C. CAPACITOR CH 50V 680P	1		C1010	ECEA0JG6101	E. CAPACITOR 6.3V 100U	1	
G333	ECUX1H060DCV	C. CAPACITOR CH 50V 6P	1		C1011	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G334	ECUX1H100DCV	C. CAPACITOR CH 50V 10P	1		C1012	ECEA0JG6101	E. CAPACITOR 6.3V 100U	1	
G335	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1		C1013	ECEA0JG6220	E. CAPACITOR 6.3V 22U	1	
G336	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		G2001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G337	ECEA1GKA100	E. CAPACITOR 16V 10U	1		G2002, 03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
G338	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		G2004	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
G339	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1		G2005	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G340	ECEA1GKA100	E. CAPACITOR 16V 10U	1		G2006	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
G341	ECUX1E223KBV	C. CAPACITOR CH 25V 0.022U	1		G2007	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
G342	ECEATEKA4R7	E. CAPACITOR 25V 4.7U	1		G2008	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
G343	ECEATEKN4R7	E. CAPACITOR 25V 4.7U	1		G2009	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
G344	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		G2010	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
G345, 46	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	2		G2011	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
G347	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		G2012	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
G348	ECEA1GKA101	E. CAPACITOR 16V 100U	1		G2013	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
G349	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		G2014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G350	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1		G2015	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
G351	ECUX1H392KBV	C. CAPACITOR CH 50V 3900P	1		G2016, 17	ECEATEKN3R3	E. CAPACITOR 25V 3.3U	2	
G352	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1		G2018	ECEATEKA4R7	E. CAPACITOR 25V 4.7U	1	
G353	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1		G2019, 20	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
G354	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1		G2021, 22	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	2	
G355	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1		G2023	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
G356	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		G2024, 25	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	2	
G357	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		G2026	ECEA1HKNR22	E. CAPACITOR 50V 0.22U	1	
G358	ECUX1H472KBV	C. CAPACITOR CH 50V 4700P	1		G2027	ECA1EM470	E. CAPACITOR 25V 47U	1	
G361	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		G2028	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G362	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		G2029	ECA1EM470	E. CAPACITOR 25V 47U	1	
G363	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1		G2030, 31	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	2	
G365, 66	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	2		G2032	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G370	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		G2033	ECA0JM221	E. CAPACITOR 6.3V 220U	1	
G371	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1		G2035	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
G372, 73	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2		G2036	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
G374	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		G2037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G375	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1		G2038-40	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	3	
G376	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		G2041, 42	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	2	
G378	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		G2043, 44	ECUM1C474ZFN	C. CAPACITOR CH 16V 0.47U	2	
G379, 80	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2		G2045	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G381	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1		G2046	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
G0701, 02	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	2		G2047-49	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	3	
G0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1		G2050	ECUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
G0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1		G2051	ECEA0JG6101	E. CAPACITOR 6.3V 100U	1	
G0707, 08	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	2		G2052	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
G0709	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1		G2053	ECEA1HKA47	E. CAPACITOR 50V 0.47U	1	
G0710	ECUX1H470JPV	C. CAPACITOR CH 50V 47P	1		G2054	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
G0711	ECEA1GKA100	E. CAPACITOR 16V 10U	1		G2055	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
G0712	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		G2056	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
					G2057, 58	ECEATHKG0R1	E. CAPACITOR 50V 0.1U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2059	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C2061	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3001	ECUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
G3002	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
G3003	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
G3004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3007	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
G3008	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
G3009	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3010	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
G3017, 18	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
G3019	ECUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
G3021	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3023	ECEA1CAK470	E. CAPACITOR 16V 47U	1	
G3024	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
G3027	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G3028	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
G3029	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
G3031	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
G3032	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
G3033	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
G3055	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3057	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
G3061	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3062	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G3064	ERJ6MZOR00	M. RESISTOR CH 1/10W 0	1	
G3065	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3066	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
G4004	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
G4005	EGGD2H181J	C. CAPACITOR 500V 180P	1	
G4006	ECEA1GKA330	E. CAPACITOR 16V 33U	1	
G4007	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
G4009	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
G4010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G4011	EGQP1362JZ	P. CAPACITOR 100V 3600P	1	[SUPPLIED FROM MBV]
G4017	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
G4018-20	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	3	
G4021, 22	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2	
G4023	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
G4024	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
G4025, 26	ECEA1GKA220	E. CAPACITOR 16V 22U	2	
G4027	ECEA1HKS3R3	E. CAPACITOR 50V 3.3U	1	
G4028	ECEA1GKA470	E. CAPACITOR 16V 47U	1	
G4029, 30	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	2	
G4031	ECEA1KA101	E. CAPACITOR 10V 100U	1	
G4032	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1	
G4033, 34	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
G4038	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G4039	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
G4040	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
G4042	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1	
G4044	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1	
G4501	EGUX1H681JCV	C. CAPACITOR CH 50V 680P	1	
G4502	EGUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
G4503	EGUX1H102KBN	C. CAPACITOR CH 50V 1000P	1	
G4506	ECA1CAK100X	E. CAPACITOR 16V 10U	1	[SUPPLIED FROM MBV]
G4507	EQQB1H223JF	P. CAPACITOR 50V 0.022U	1	
G4508	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	
G4509	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
G4510	EQQB1H103JF	P. CAPACITOR 50V 0.01U	1	
G4511	EQQB1H332JF	P. CAPACITOR 50V 3300P	1	
G4512	EGUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
G4513	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
G4514	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
G4515	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
G4521	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
G4522	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
G4530	EGAOJAK470X	E. CAPACITOR 6.3V 47U	1	[SUPPLIED FROM MBV]
G4533	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]
G4537	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
G4538	ECA1HAK4R7X	E. CAPACITOR 50V 0.47U	1	[SUPPLIED FROM MBV]
G4541	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G4551	EQQB1H223JF	P. CAPACITOR 50V 0.022U	1	
G4556	ECA1CAK100X	E. CAPACITOR 16V 10U	1	[SUPPLIED FROM MBV]

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4558	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4559	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]
C4560	EQQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4561	EQQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4562	EGUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4565	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4569	EGUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C4572	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4576	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4585, 86	EGAOJAK101X	E. CAPACITOR 6.3V 100U	2	[SUPPLIED FROM MBV]
C4587	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4591	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4592	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C4673	EGUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C4674	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4676	ECA1YAK470X	E. CAPACITOR 35V 47U	1	[SUPPLIED FROM MBV]
C4677	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]
C6001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6002	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C6003	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C6004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C6005	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C6006	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6007	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C6008	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C6009	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C6010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6013, 14	ECUM1H271JCN	C. CAPACITOR CH 50V 270P	2	
C6015	ECEA1CAK100	E. CAPACITOR 16V 10U	1	
C6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7302	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1	
G7304	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1	
G7308	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
G7309	ECUM1H152KBN	C. CAPACITOR CH 50V 1500P	1	
G7310	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
G7311	ECEA1CAK101	E. CAPACITOR 16V 100U	1	
G7312	EQQB1H103JZ	P. CAPACITOR 50V 0.01U	1	
G7313	EQQB1H104JM	P. CAPACITOR 50V 0.1U	1	
G7314, 15	EQQB1H103JZ	P. CAPACITOR 50V 0.01U	2	
G7320, 21	ECEA1CAK100	E. CAPACITOR 16V 10U	2	
G7323, 24	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2	
G7325	ECUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
G7326	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
G7328	ECEA1CAK470	E. CAPACITOR 16V 47U	1	
G7330	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
G7332, 33	EGUX1H102KBN	C. CAPACITOR CH 50V 1000P	2	
G7337	EGUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G7339	EGUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G7340	ECUM1H390JPN	C. CAPACITOR CH 50V 39P	1	
G7341	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1	
G7345	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G7346	ECUM1H390JPN	C. CAPACITOR CH 50V 39P	1	
G7347	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1	
G7349, 50	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	2	
G7352	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G7353	ECEA1CAK470	E. CAPACITOR 16V 47U	1	
G7601	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G7604	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
G7605	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7606	ECEA1CAK101	E. CAPACITOR 16V 100U	1	
G7608	ERJ6MZOR00	M. RESISTOR CH 1/10W 0	1	
G7609	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
G7610	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G7612	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
G7614	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
G7615	ECEA1HKA100	E. CAPACITOR 50V 1U	1	
G7701	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
G7702	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
G7704, 05	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G7706	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G7707-10	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	4	
G7712	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G7713	ECEA1CAK100	E. CAPACITOR 16V 10U	1	
G7714	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7715	ECEA1GKA100	E. CAPACITOR 16V 10U	1		IC7701	M27C1001BAAA	IC	1	[SUPPLIED FROM MBV]
C7716	ECUM1H120JCN	G. CAPACITOR CH 50V 12P	1		IC7702	MC74HCT573AW	IC	1	[SUPPLIED FROM MBV]
C7718	ECUX1H561JCN	G. CAPACITOR CH 50V 560P	1		IC7703	NJM2535M	IC	1	[SUPPLIED FROM MBV]
C7721	ECUM1H1032FN	G. CAPACITOR CH 50V 0.01U	1		IC7704	ST24W16FB6	IC	1	[SUPPLIED FROM MBV]
C7722	ECUM1H270JCN	G. CAPACITOR CH 50V 27P	1		IC7705	BH7236AF	IC	1	
C7723	ECUM1H1042FN	G. CAPACITOR CH 50V 0.1U	1		IC7706	SABC513AL16P	IC	1	[SUPPLIED FROM MBV]
C7724	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1		IC7708	SAA5281ZPM3	IC	1	
C7726	VLQ0599J121	COIL 120UH	1		IC7712	MC74HCT74AD	IC	1	[SUPPLIED FROM MBV]
C7729	ECUM1H1042FN	G. CAPACITOR CH 50V 0.1U	1						
C7731	ECUM1H1042FN	G. CAPACITOR CH 50V 0.1U	1		△ IP1001	VSF0015A10	IC PROTECTOR	1	
C7732	ECUM1H102JCN	G. CAPACITOR CH 50V 1000P	1						
C7734	ECUM1H1042FN	G. CAPACITOR CH 50V 0.1U	1		K309	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
C7736	ECUM1H1042FN	G. CAPACITOR CH 50V 0.1U	1		K310	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
C7737	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1		K0702	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
C7738, 39	ECUM1H1042FN	G. CAPACITOR CH 50V 0.1U	2		K0704, 05	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
C7743	ECUM1H1042FN	G. CAPACITOR CH 50V 0.1U	1		K3001	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
C7747	ECUM1H1042FN	G. CAPACITOR CH 50V 0.1U	1		K3005	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
C7750	ECUX1H561JCN	G. CAPACITOR CH 50V 560P	1		K3014, 15	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
C7751	ECUM1H1042FN	G. CAPACITOR CH 50V 0.1U	1		K4002	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
C7752	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1		K4004	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
C7753, 54	ECUM1H221JCN	G. CAPACITOR CH 50V 220P	2		K4502-06	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	5	
C7755-57	ECUM1H1042FN	G. CAPACITOR CH 50V 0.1U	3		K6002	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
C7758	ECUM1H470JCN	G. CAPACITOR CH 50V 47P	1		K6006, 07	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
C7759, 60	ECUM1H101JCN	G. CAPACITOR CH 50V 100P	2		K7302	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
					K7315	ERJ3GEYOR00	M. RESISTOR CH 1/16W 3K	1	
D302, 03	1SS355	DIODE	2		K7316	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
D305	1SS355	DIODE	1		K7619	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
D313, 14	1SS355	DIODE	2		K7621	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
D318	1SS355	DIODE	1		K7624	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
D319	MA151K	DIODE	1		K7625	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
D320	MA151WK	DIODE	1		K7709	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
D321	1SS355	DIODE	1		K7711	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
D802-04	1SS355	DIODE	3						
D1001	MA4051-L	DIODE	1		L301	VLQ0599J151	COIL 150UH	1	
D1003	MA4120-M	DIODE	1		L302, 03	VLQ0599J100	COIL 10UH	2	
D1004	MA4051-L	DIODE	1		L304	VLQ0599J390	COIL 39UH	1	
D1005	1SS355	DIODE	1		L305	VLQ0599J470	COIL 47UH	1	
D1007, 08	1SS355	DIODE	2		L306	VLQ0599J101	COIL 100UH	1	
D1009	1SS254	DIODE	1		L307	VLQ0599J270	COIL 27UH	1	
D2001	MA153	DIODE	1		L308	VLQ0599J100	COIL 10UH	1	
D2002	MA151K	DIODE	1		L309	VLQ0599J470	COIL 47UH	1	
D2003-05	1SS355	DIODE	3		L311, 12	VLQ0599J680	COIL 68UH	2	
D2006, 07	MA700	DIODE	2		L313, 14	VLQ0599J390	COIL 39UH	2	
D2008, 09	MA185	DIODE	2		L315	VLQ0599J101	COIL 100UH	1	
D2010-13	1SS355	DIODE	4		L0701	VLQ0163JR18	COIL 0.18UH	1	[SUPPLIED FROM MBV]
D3001, 02	1SS254	DIODE	2		L0705	VLQ0163JSR6	COIL 5.6UH	1	
D3005	MA723-VT	DIODE	1		L0706	VLQEL05S150K	COIL 15UH	1	
D4003-05	1SS254	DIODE	3		L801	VLQ0599J101	COIL 100UH	1	
D4007	ERDS2TJ102	G. RESISTOR 1/4W 1K	1		L2001	VLP0083	COIL	1	
D4504	1SS254	DIODE	1		L3001	VLQ0599J820	COIL 82UH	1	
D6001	LN59LT, VT	LED	1		L3002	VLQ0599J151	COIL 150UH	1	
D6002	MA4075-L	DIODE	1		L3003	VLQ0599J6R8	COIL 6.8UH	1	
D6003	MA151K	DIODE	1		L3004	VLQ0599J120	COIL 12UH	1	
D7304	MA29T-B	DIODE	1		L3006	VLQ0599J101	COIL 100UH	1	
D7305	1SS254	DIODE	1		L3008	VLQ0599J270	COIL 27UH	1	
D7307	MA151K	DIODE	1		L3009	VLQ0599J680	COIL 68UH	1	
D7601	MA4300-M	DIODE	1		L3012	VLQ0599J680	COIL 68UH	1	
D7602, 03	1SS254	DIODE	2		L4002	ELESN471KA	INDUCTOR 470UH	1	
D7704	MA700A	DIODE	1		L4003	VLQ0599J680	COIL 68UH	1	
D7705	1SS254	DIODE	1		L4005, 06	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
D7707	1SS254	DIODE	1		L4007	VLQ0123	COIL	1	
					L6001	VLQ0599J101	COIL 100UH	1	
IC301	TDA9725V2	IC	1	[SUPPLIED FROM MBV]	L6002	VLP0083	COIL	1	
IC302	TL8850AF	IC	1		L6003, 04	VLQ0599J680	COIL 68UH	2	
IC0701	LA7576	IC	1		L7603, 04	VLQ0599J680	COIL 68UH	2	
IC1001	HA17431PA	IC	1		L7606	VLQ0599J180	COIL 18UH	1	
IC2001	BA6887-V3	IC	1		L7607, 08	VLQ0599J330	COIL 33UH	2	
IC2002	BA6871BS	IC	1		L7702	VLQ0599J3R3	COIL 3.3UH	1	
IC2003	AN3814K	IC	1		L7703	VLQ0599J270	COIL 27UH	1	
IC4001	BA7795FS	IC	1		L7704	VLQ0599J100	COIL 10UH	1	
IC4501	BH7778AK	IC	1		L7705	VLQ0599J390	COIL 39UH	1	
IC6001	MN675536VR9Y	IC	1	[SUPPLIED FROM MBV]	L7707	VLQ0599J120	COIL 12UH	1	
IC6002, 03	ON1387	PHOTO INTERRUPTER	2		L7708	VLQ0599J150	COIL 15UH	1	
IC7301	TDA9845	IC	1						
IC7302	TA8721SN	IC	1		LB303-06	VLP0145	COIL	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
LB307-11	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0	5
LB312	VLP0145	COIL	1	
LB1001	VLP0125	COIL	1	
LB3001	VLP0083	COIL	1	
P2001	VJS3640A002	CONNECTOR (FEMALE)	2P	1
P2002	VJS3537A015G	CONNECTOR (FEMALE)	15P	1
P2003	VJP3483	CONNECTOR (MALE)	3P	1
P2005	VJS3537A009G	CONNECTOR (FEMALE)	9P	1
P3002	VJS3537A020G	CONNECTOR (FEMALE)	20P	1
P4002	VJS3675E006G	CONNECTOR (FEMALE)	6P	1
P4003	VJP1230T	CONNECTOR (MALE)	3P	1
P6001	VJS3821	CONNECTOR (FEMALE)	4P	1
PK301	VJR0776B010W	CONNECTOR (MALE)	10P	1 [SUPPLIED FROM MBV]
PK302	VJR0776B011W	CONNECTOR (MALE)	11P	1 [SUPPLIED FROM MBV]
PK303	VJR0776B012W	CONNECTOR (MALE)	12P	1 [SUPPLIED FROM MBV]
PK304	VJR0776B003W	CONNECTOR (MALE)	3P	1
PK0701	VJR0816E010W	CONNECTOR (MALE)	10P	1
PK4501	VJR0777B008W	CONNECTOR (MALE)	8P	1
PK4502, 03	VJR0777B010W	CONNECTOR (MALE)	10P	2
PK7301	VJR0777B007W	CONNECTOR (MALE)	7P	1
PK7302	VJR0777B005W	CONNECTOR (MALE)	5P	1
PP0701	VJP3589A004B	CONNECTOR (MALE)	4P	1
PP3002	VJP3042G013W	CONNECTOR (MALE)	13P	1
PP3003	VJP3042G005W	CONNECTOR (MALE)	5P	1
PP3004	VJP3042G008W	CONNECTOR (MALE)	8P	1
PP3005	VJP3042G010W	CONNECTOR (MALE)	10P	1
PS3001	VJS3673F005G	CONNECTOR (FEMALE)	5P	1 [SUPPLIED FROM MBV]
PS3006	VJS3631A011A	CONNECTOR (FEMALE)	11P	1
PS6002	VJS3673B025G	CONNECTOR (FEMALE)	25P	1
Q301, 02	MSD601	TRANSISTOR	2	
Q305	MSD601	TRANSISTOR	1	
Q306	MSB709	TRANSISTOR	1	
Q307	MSB709-R	TRANSISTOR	1	
Q308	MSB709	TRANSISTOR	1	
Q309	MSC2295	TRANSISTOR	1	
Q310	MSD601	TRANSISTOR	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR	1	
Q801	MSB709	TRANSISTOR	1	
Q803	MSC2295	TRANSISTOR	1	
Q804	MSB709	TRANSISTOR	1	
Q805	MSD601	TRANSISTOR	1	
Q1001	MSD601	TRANSISTOR	1	
Q1002-04	2SD1996-S	TRANSISTOR	3	
Q1005	2SD602A-R	TRANSISTOR	1	
Q1006	2SD1996-S	TRANSISTOR	1	
Q1007	2SD2544PQA	TRANSISTOR	1	
Q3001	MSC2295	TRANSISTOR	1	
Q3002	MSB709	TRANSISTOR	1	
Q3003, 04	MSD601	TRANSISTOR	2	
Q3005	MSC2295	TRANSISTOR	1	
Q3006	MSB709	TRANSISTOR	1	
Q3007	MSC2295	TRANSISTOR	1	
Q3010	MSB709-R	TRANSISTOR	1	
Q3023	MSC2295	TRANSISTOR	1	
Q3024	MSD601	TRANSISTOR	1	
Q3025	MSC2295	TRANSISTOR	1	
Q4005	2SB1320A-R	TRANSISTOR	1	
Q4006	2SD602A-R	TRANSISTOR	1	
Q4007-09	MSD601-R	TRANSISTOR	3	
Q4501	2SD1468	TRANSISTOR	1	
Q4551	2SA1515	TRANSISTOR	1	
Q6001	MSB709	TRANSISTOR	1	
Q6002, 03	PN205LT-NCVT	PHOTO TRANSISTOR	2	
Q7301	MSD601-S	TRANSISTOR	1	
Q7601	XN4601	TRANSISTOR-TRANSISTOR	1	
Q7602	MSD601	TRANSISTOR	1	
Q7603	2SB710A	TRANSISTOR	1	
Q7702	MSB709	TRANSISTOR	1	
Q7704, 05	MSD601	TRANSISTOR	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q7706	MSB709	TRANSISTOR	1	
Q7707-12	MSD601	TRANSISTOR	6	
QR302	MUN2113	TRANSISTOR-RESISTOR	1	
QR304	MUN2113	TRANSISTOR-RESISTOR	1	
QR305	MUN2213	TRANSISTOR-RESISTOR	1	
QR311	MUN2113	TRANSISTOR-RESISTOR	1	
QR317	MUN2213	TRANSISTOR-RESISTOR	1	
QR319	UN2210	TRANSISTOR-RESISTOR	1	
QR801	MUN2213	TRANSISTOR-RESISTOR	1	
QR1001, 02	MUN2113	TRANSISTOR-RESISTOR	2	
QR1003	MUN2213	TRANSISTOR-RESISTOR	1	
QR3001	MUN2111	TRANSISTOR-RESISTOR	1	
QR3002, 03	DTC363EK	TRANSISTOR-RESISTOR	2	
QR3027	MUN2212	TRANSISTOR-RESISTOR	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1	
QR4651, 52	UN5213	TRANSISTOR-RESISTOR	2	
QR6001	XN1211	TRANSISTOR-RESISTOR	1	
QR6002	UN2114	TRANSISTOR-RESISTOR	1	
QR6004	XN1213	TRANSISTOR-RESISTOR	1	
QR6005	MUN2112	TRANSISTOR-RESISTOR	1	
QR7304	MUN2213	TRANSISTOR-RESISTOR	1	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1	
QR7602	MUN2212	TRANSISTOR-RESISTOR	1	
QR7603	MUN2213	TRANSISTOR-RESISTOR	1	
QR7703	MUN2113	TRANSISTOR-RESISTOR	1	
R303	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R304	ERJ3GEYJ225	M. RESISTOR CH 1/16W 2.2M	1	
R305	ERJ3GEYJ682	M. RESISTOR CH 1/16W 6.8K	1	
R307	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R308	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R309	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R310, 11	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	2	
R312	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R313	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R314	ERJ3GEYJ683	M. RESISTOR CH 1/16W 68K	1	
R315	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R316	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R317	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R319	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R320	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R321	ERJ3GEYJ120	M. RESISTOR CH 1/16W 12	1	
R322	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R323	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R324, 25	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R326	ERJ3GEYJ242	M. RESISTOR CH 1/16W 2.4K	1	
R327	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R328	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R329	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R330	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R332	ERJ3GEYJ390	M. RESISTOR CH 1/16W 39	1	
R333	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	
R335	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R337	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	
R338	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R339	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	1	
R340	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R341	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R344	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R346, 47	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
R353	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R354	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R355	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R356, 57	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	2	
R359	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R360	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R369	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R373	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R374	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R375	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R376	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	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	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R0708	ERJ3GEY152	M. RESISTOR CH 1/16W 1.5K	1	
R0709	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1	
R0710	ERJ6GEY154	M. RESISTOR CH 1/10W 150K	1	
R0713	ERJ3GEYJ391	M. RESISTOR CH 1/16W 390	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1	
R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1	
R0718	ERJ3GEY102	M. RESISTOR CH 1/16W 1K	1	
R0719	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1	
R0720	ERJ3GEY102	M. RESISTOR CH 1/16W 1K	1	
R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R0728	ERJ3GEY6471	M. RESISTOR CH 1/16W 470	1	
R0729	ERJ3GEY102	M. RESISTOR CH 1/16W 1K	1	
R0732	ERJ3GEY6471	M. RESISTOR CH 1/16W 470	1	
R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R801	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R802	ERJ3GEY681	M. RESISTOR CH 1/16W 680	1	
R803	ERJ3GEY0182	M. RESISTOR CH 1/16W 1.8K	1	
R810	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R811	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R812	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R813	ERJ3GEY6561	M. RESISTOR CH 1/16W 560	1	[SUPPLIED FROM MBV]
R814	ERJ3GEY103	M. RESISTOR CH 1/16W 10K	1	
R815	ERJ3GEY681	M. RESISTOR CH 1/16W 680	1	
R816	ERJ3GEY181	M. RESISTOR CH 1/16W 180	1	
R817	ERJ3GEY101	M. RESISTOR CH 1/16W 100	1	[SUPPLIED FROM MBV]
R818	ERJ3GEY242	M. RESISTOR CH 1/16W 2.4K	1	
R1001	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R1002	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R1003	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1004	ERJ6GMYJ363	M. RESISTOR CH 1/10W 36K	1	
R1005	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1006	ERDS2TJ122	C. RESISTOR 1/4W 1.2K	1	
R1007	ERJ6GMY102	M. RESISTOR CH 1/10W 1K	1	
R1008	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R1009, 10	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	2	
R1011	ERDS1TJ272	C. RESISTOR 1/2W 2.7K	1	
R2001	ERJ6GMYG913	M. RESISTOR CH 1/10W 91K	1	
R2002-04	ERJ6GMY102	M. RESISTOR CH 1/10W 1K	3	
R2005	ERX1SJ1R8	M. RESISTOR 1W 1.8	1	
R2006	ERJ6GMYG512	M. RESISTOR CH 1/10W 5.1K	1	
R2007	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2009, 10	ERJ6GMY103	M. RESISTOR CH 1/10W 10K	2	
R2011	ERJ6GMY102	M. RESISTOR CH 1/10W 1K	1	
R2012	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R2013	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R2014, 15	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2016	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2017, 18	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2019	ERJ6GMY103	M. RESISTOR CH 1/10W 10K	1	
R2020	ERJ6GMYG471	M. RESISTOR CH 1/10W 470	1	
R2021	ERJ6GMY103	M. RESISTOR CH 1/10W 10K	1	
R2022	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2023	EROS2CKG8200	M. RESISTOR 1/2W 820	1	
R2024	EROS2CKG6800	M. RESISTOR 1/4W 680	1	
R2025	ERJ6GMY102	M. RESISTOR CH 1/10W 1K	1	
R2026, 27	ERDS2TJ560	C. RESISTOR 1/4W 56	2	
R2028	ERDS1TJ561	C. RESISTOR 1/2W 560	1	
R2029	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2030	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R2031	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R2032	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R2033	ERJ6GMYJ684	M. RESISTOR CH 1/10W 680K	1	
R2034	ERJ6GMY133	M. RESISTOR CH 1/10W 13K	1	
R2035	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R2036, 37	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	2	
R2038	ERJ6GMY102	M. RESISTOR CH 1/10W 1K	1	
R2039, 40	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	2	
R2041, 42	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	2	
R2043	ERDS2TJ560	C. RESISTOR 1/4W 56	1	
R2044	ERX12SJ47	M. RESISTOR 1/2W 0.47	1	
R2045	ERDS2FJ1R5	C. RESISTOR 1/4W 1.5	1	
R2046-48	ERDS2TJ330	C. RESISTOR 1/4W 33	3	
R2049	ERDS2FJ1R2	C. RESISTOR 1/4W 1.2	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2050, 51	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	2	
R2052	ERDS2TJ122	C. RESISTOR 1/4W 1.2K	1	
R3001	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3002	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R3003	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3004	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R3005	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R3006	ERDS2TJ472	C. RESISTOR 1/4W 4.7K	1	
R3007	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3008	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3009	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R3012	ERJ6GMYZOR00	M. RESISTOR CH 1/10W 0	1	
R3015	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3018	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3019, 20	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	2	
R3021	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R3022	ERJ6GMY102	M. RESISTOR CH 1/10W 1K	1	
R3023, 24	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	2	
R3025	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3026	ERJ6GMY102	M. RESISTOR CH 1/10W 1K	1	
R3029	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3030	ERJ6GEY103	M. RESISTOR CH 1/10W 10K	1	
R3031	ERJ6GEY102	M. RESISTOR CH 1/10W 1K	1	
R3032	ERJ6GMYG334	M. RESISTOR CH 1/10W 330K	1	
R3033	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3034	ERJ6GMY103	M. RESISTOR CH 1/10W 10K	1	
R3037	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R3039	ERJ6GMY102	M. RESISTOR CH 1/10W 1K	1	
R3065	ERJ6GMY103	M. RESISTOR CH 1/10W 10K	1	
R3068, 69	ERJ6GMY103	M. RESISTOR CH 1/10W 10K	2	
R3076, 77	ERJ6GMY103	M. RESISTOR CH 1/10W 10K	2	
R3078	ERDS2T0	C. RESISTOR 1/4W 0	1	
R3079, 80	ERJ6GMY102	M. RESISTOR CH 1/10W 1K	2	
R3081	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R3082	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3083	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R3084	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R3085	ERJ6GMY102	M. RESISTOR CH 1/10W 1K	1	
R3087	ERJ6GMYG563	M. RESISTOR CH 1/10W 56K	1	
R4003	ERJ6GMYG100	M. RESISTOR CH 1/10W 10	1	
R4007	ERJ6GMY153	M. RESISTOR CH 1/10W 15K	1	
R4011	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4012	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4013	ERJ6GMYJ163	M. RESISTOR CH 1/10W 16K	1	
R4014	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R4015	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R4016	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4017	ERJ6GMYG133	M. RESISTOR CH 1/10W 1.3K	1	
R4019	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4020	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4022	ERJ6GMYG391	M. RESISTOR CH 1/10W 390	1	
R4023	ERJ6GMYG394	M. RESISTOR CH 1/10W 390K	1	
R4024	ERDS2TJ221	C. RESISTOR 1/4W 220	1	
R4025	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4027, 28	ERJ6GMY103	M. RESISTOR CH 1/10W 10K	2	
R4029	ERJ6GMYG912	M. RESISTOR CH 1/10W 9.1K	1	
R4030	ERJ6GMYZOR00	M. RESISTOR CH 1/10W 0	1	
R4031	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4032	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4033	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R4034	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R4035, 36	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R4037	ERJ6GMY103	M. RESISTOR CH 1/10W 10K	1	
R4038	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4039	ERJ6GMY102	M. RESISTOR CH 1/10W 1K	1	
R4040	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R4041, 42	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	2	
R4043	ER02SJ821	M. RESISTOR 2W 820	1	
R4044	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R4048	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4049	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4050	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4051	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4054	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4055	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R4056	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4057	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4058	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R4059	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4067, 68	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R4071	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4073	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4503	ERJ3RBD203	M. RESISTOR CH 1/16W 20K	1	
R4504	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R4508	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R4512	ERJ3RBD123	M. RESISTOR CH 1/16W 12K	1	
R4513	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4517, 18	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	
R4519, 20	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R4522	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2W	1	
R4528	ERJ3RBD153	M. RESISTOR CH 1/16W 15K	1	
R4529	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R4530	ERJ3GEYJ334	M. RESISTOR CH 1/16W 330K	1	
R4534	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4542	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R4562	ERJ3RBD912	M. RESISTOR CH 1/16W 9.1K	1	
R4563	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R4584	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4585	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R4586	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4598	ERJ6RED124	M. RESISTOR CH 1/10W 120K	1	
R4599	ERJ6RED114	M. RESISTOR CH 1/10W 110K	1	
R4601	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4603, 04	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
R4605	ERJ6GEYJ203	M. RESISTOR CH 1/10W 20K	1	
R4606	ERJ3GEYJ203	M. RESISTOR CH 1/16W 20K	1	
R4607	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4608	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R4621	ERJ6GEYJ163	M. RESISTOR CH 1/10W 16K	1	
R4623	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R4624	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4641, 42	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
R4663, 64	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R4695	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4697	ERJ6GEYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R4698	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R4704	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R6001	ERJ6GMYJ201	M. RESISTOR CH 1/10W 200	1	
R6002	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6003-05	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	3	
R6006, 07	ERJ6GMYG223	M. RESISTOR CH 1/10W 22K	2	
R6008	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6010	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6011	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6012, 13	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R6014	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6015	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R6016	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R6017	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R6019	ERDS2TJ473	C. RESISTOR 1/4W 47K	1	
R6020	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R6021-23	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	3	
R6024	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R6025	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R6029, 30	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R6033	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6034	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6035, 36	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R6037, 38	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
R6039	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
R6040, 41	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R6043	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R6044	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6046	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6048	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6049	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R6050	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6052	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6054	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R6055	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R6056-58	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	3	
R6059	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6060	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R6061	ERJ6GMYG243	M. RESISTOR CH 1/10W 24K	1	
R7302	ERJ3GEYJ133	M. RESISTOR CH 1/16W 13K	1	
R7303	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R7304	ERJ3GEYJ392	M. RESISTOR CH 1/16W 3.9K	1	
R7305	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R7307	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7313	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7320	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R7323	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7324, 25	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	2	
R7326	ERJ3GEYJ113	M. RESISTOR CH 1/16W 11K	1	
R7327	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R7328	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7329	ERJ3GEYJ332	M. RESISTOR CH 1/16W 3.3K	1	
R7330	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7331	ERJ3GEYJ113	M. RESISTOR CH 1/16W 11K	1	
R7336	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	1	
R7337	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R7345	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R7352, 53	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R7354, 55	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	2	
R7358, 59	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
R7362, 63	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R7601	ERJ6GMYG151	M. RESISTOR CH 1/10W 150	1	
R7602, 03	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R7604	ERJ6GMYG151	M. RESISTOR CH 1/10W 150	1	
R7605-07	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	3	
R7612	ERJ2SJ331	M. RESISTOR 2W 330	1	
R7614	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7616	ERJ2SJ331	M. RESISTOR 2W 330	1	
R7618	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7619	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7622, 23	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R7624	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7625	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R7626	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R7703, 04	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R7705	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7706	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
R7707	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7708	ERJ6GMYJ621	M. RESISTOR CH 1/10W 620	1	
R7709	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7711	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R7712, 13	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R7714-19	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	6	
R7722, 23	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	2	
R7725	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7726	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R7727	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7732	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7733	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7735	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7737, 38	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R7739	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7740	ERJ6GMYG911	M. RESISTOR CH 1/10W 910	1	
R7746	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	
R7747	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7750	ERJ6GMYJ621	M. RESISTOR CH 1/10W 620	1	
R7751	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R7756	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R7757	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R7758	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R7761	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7766-68	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	3	
R7769	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R7770	ERJ6GMYG224	M. RESISTOR CH 1/10W 220K	1	
R7771	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7772	ERDS2TJ221	C. RESISTOR 1/4W 220	1	
R7773	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R7774	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7775	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R7776	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7777	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1	
R7778	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R7779	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R7780	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R7781	ERJ6GMYG224	M. RESISTOR CH 1/10W 220K	1	
R7782	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R7785	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R7786, 87	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R7788	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7789	ERJ6GMYG154	M. RESISTOR CH 1/10W 150K	1	
R7790	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R7791	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R7792	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
R7793	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	
RX7701	EXBF9E103J	RESISTOR-RESISTOR	1	
S6001	VES0709	SWITCH	1	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T4002	E1Q7QF014Q	TRANSFORMER	1	
T7301	EQR7Q028P	TRANSFORMER	1	
T7304	E1S5EC017A	TRANSFORMER	1	
T7305	EQS5EC033A	TRANSFORMER	1	
▲ TU7601	ENG47259G1	TUNER	1	[SUPPLIED FROM MBV]
VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
VR2001	EVNCYAA03B54	V. RESISTOR 50K	1	
VR3001, 02	EVNCYAA03B23	V. RESISTOR 2K	2	
VR3012, 13	EVNCYAA03B52	V. RESISTOR 500	2	
VR3014	EVNCYAA03B54	V. RESISTOR 50K	1	
VR4001	EVNCYAA03B15	V. RESISTOR 100K	1	
VR4501	EVMECSA00B53	V. RESISTOR 6.8K	1	
VR4509	EVMECSA00B53	V. RESISTOR 5K	1	
VR4550	EVMECSA00B14	V. RESISTOR 10K	1	
VR7301	EVNCBAA00B53	V. RESISTOR 5K	1	
X301	VXS0162	CRYSTAL OSCILLATOR	1	
X0701	VLF1178	FILTER	1	
X0703	EFCS5R5MW5	FILTER	1	
X0704	VLF1368	FILTER	1	[SUPPLIED FROM MBV]
X6001	VXS0583	CRYSTAL OSCILLATOR	1	
X7301	EFCS5R5MS5	FILTER	1	
X7304	EFCS5R74MS5B	FILTER	1	
X7305	VXS0648	CRYSTAL OSCILLATOR	1	
X7702	VXS0353	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMP4894	SUPPORT ANGLE	2	
	VMD2329	PHOTO TRANSISTOR HOLDER	2	
	VMD2328	REEL GUIDE	1	
	VMD2330	LED HOLDER	1	
	VMP4894	SUPPORT ANGLE	1	FOR DECODER C. B. A.
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMODU. C. B. A.
	■ VEP06G38C	MAIN C. B. A.		[SUPPLIED FROM MBV] (RTL) NV-HD625EGM
G301	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
G302	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
G305	ECUX1H102GCV	C. CAPACITOR CH 50V 1000P	1	[SUPPLIED FROM MBV]
G306	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
G307	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C309	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C310	ECUX1E223KBV	C. CAPACITOR CH 25V 0.022U	1	
C311	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C312	ECUX1H680JCV	C. CAPACITOR CH 50V 68P	1	
C313	ECUX1H681GCV	C. CAPACITOR CH 50V 680P	1	[SUPPLIED FROM MBV]
C314	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C315	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C316	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C317	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C318	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C319	ECUX1H222KBV	C. CAPACITOR CH 50V 2200P	1	
C320	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
C321	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C322	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C323	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C324	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C325	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C327	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C328	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C329	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
C330	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C331	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C332	ECUX1H681JCV	C. CAPACITOR CH 50V 680P	1	
C333	ECUX1H060DCV	C. CAPACITOR CH 50V 6P	1	
C334	ECUX1H100DCV	C. CAPACITOR CH 50V 10P	1	
C335	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C336	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C337	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C338	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C339	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C340	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C341	ECUX1E223KBV	C. CAPACITOR CH 25V 0.022U	1	
C342	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C343	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C344	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C345, 46	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	2	
C347	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C348	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C349	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C350	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C351	ECUX1H392KBV	C. CAPACITOR CH 50V 3900P	1	
C352	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C353	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C354	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C355	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C356	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C357	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C358	ECUX1H472KBV	C. CAPACITOR CH 50V 4700P	1	
C361	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
C362	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C363	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C365, 66	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	2	
C370	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C371	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C372, 73	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	2	
C374	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C375	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C376	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C378	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C379, 80	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2	
C381	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
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	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA100	E. CAPACITOR 16V 10U	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	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKS4R7	E. CAPACITOR 50V 0.47U	1	
C0719	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
G0720	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
G0726	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G0730	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G0732	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G801	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
G802	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G803	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G804	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G805	ECUX1H050GCV	C. CAPACITOR CH 50V 5P	1	
G806	ECUX1G104ZFN	C. CAPACITOR CH 16V 0.1U	1	
G807	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G1001	ECEA1GGE101	E. CAPACITOR 16V 100U	1	
G1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G1003	ECEA1GGE470	E. CAPACITOR 16V 47U	1	
G1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G1005	ECEAOJGK220	E. CAPACITOR 6.3V 22U	1	
G1006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G1007	ECEAOJGK101	E. CAPACITOR 6.3V 100U	1	
G1008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G1009	ECEA1AKG220	E. CAPACITOR 10V 22U	1	[SUPPLIED FROM MBV]
G1010	ECEAOJGK101	E. CAPACITOR 6.3V 100U	1	
G1011	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G1012	ECEAOJGK101	E. CAPACITOR 6.3V 100U	1	
G1013	ECEAOJGK220	E. CAPACITOR 6.3V 22U	1	
G2001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G2002, 03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
G2004	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
G2005	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G2006	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
G2007	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
G2008	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
G2009	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
G2010	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
G2011	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
G2012	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
G2013	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
G2014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G2015	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G2016, 17	ECEA1EKN3R3	E. CAPACITOR 25V 3.3U	2	
G2018	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
G2019, 20	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
G2021, 22	ECUM1G105ZFN	C. CAPACITOR CH 16V 1U	2	
G2023	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
G2024, 25	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	2	
G2026	ECEA1HKNR22	E. CAPACITOR 50V 0.22U	1	
G2027	ECA1EM470	E. CAPACITOR 25V 47U	1	
G2028	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G2029	ECA1EM470	E. CAPACITOR 25V 47U	1	
G2030, 31	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	2	
G2032	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G2033	ECAOJW221	E. CAPACITOR 6.3V 220U	1	
G2035	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
G2036	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
G2037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G2038-40	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	3	
G2041, 42	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	2	
G2043, 44	ECUM1G474ZFN	C. CAPACITOR CH 16V 0.47U	2	
G2045	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G2046	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
G2047-49	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	3	
G2050	ECUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
G2051	ECEAOJGK101	E. CAPACITOR 6.3V 100U	1	
G2052	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
G2053	ECEA1HKA4R7	E. CAPACITOR 50V 0.47U	1	
G2054	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
G2055	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G2056	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
G2057, 58	ECEA1HKG0R1	E. CAPACITOR 50V 0.1U	2	
G2059	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
G2061	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3001	ECUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
G3002	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
G3003	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
G3004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3007	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3008	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C3009	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3010	ECUM1G105ZFN	C. CAPACITOR CH 16V 1U	1	
C3017, 18	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C3019	ECUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
C3021	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3023	ECEA1GKA470	E. CAPACITOR 16V 47U	1	
C3024	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C3027	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3028	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C3029	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3031	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3032	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3033	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3055	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3057	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C3061	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3062	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3064	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0	
C3065	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3066	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C4004	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
C4005	ECGD2H181J	C. CAPACITOR 500V 180P	1	
C4006	ECEA1GKA330	E. CAPACITOR 16V 33U	1	
C4007	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
C4009	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
C4010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4011	ECQP1362JZ	P. CAPACITOR 100V 3600P	1	[SUPPLIED FROM MBV]
C4017	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4018-20	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	3	
C4021, 22	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2	
C4023	ECUM1G105ZFN	C. CAPACITOR CH 16V 1U	1	
C4024	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4025, 26	ECEA1GKA220	E. CAPACITOR 16V 22U	2	
C4027	ECEA1HKS3R3	E. CAPACITOR 50V 3.3U	1	
C4028	ECEA1GKA470	E. CAPACITOR 16V 47U	1	
C4029, 30	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	2	
C4031	ECEA1AKA101	E. CAPACITOR 10V 100U	1	
C4032	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1	
C4033, 34	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C4038	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4039	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C4040	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4042	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1	
C4044	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1	
C4501	ECUX1H681JCV	C. CAPACITOR CH 50V 680P	1	
C4502	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4503	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4506	ECA1CAK100X	E. CAPACITOR 16V 10U	1	[SUPPLIED FROM MBV]
C4507	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4508	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	
C4509	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4510	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4511	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4512	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4513	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C4514	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4515	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4521	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4522	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4530	ECAOJAK470X	E. CAPACITOR 6.3V 47U	1	[SUPPLIED FROM MBV]
C4533	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]
C4537	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4538	ECA1HAK4R7X	E. CAPACITOR 50V 0.47U	1	[SUPPLIED FROM MBV]
C4541	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4551	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4556	ECA1CAK100X	E. CAPACITOR 16V 10U	1	[SUPPLIED FROM MBV]
C4558	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4559	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]
C4560	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4561	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4562	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4565	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4569	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C4572	ECA1HAK47X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4576	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4585, 86	ECAGJAK101X	E. CAPACITOR 6.3V 100U	2	[SUPPLIED FROM MBV]
C4587	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4591	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4592	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4673	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C4674	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4676	ECA1YAK470X	E. CAPACITOR 35V 47U	1	[SUPPLIED FROM MBV]
C4677	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]
C6001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6002	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C6003	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C6004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C6005	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C6006	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6007	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C6008	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C6009	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C6010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6013, 14	ECUM1H271JCN	C. CAPACITOR CH 50V 270P	2	
C6015	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
C6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6018	ECUM1H104ZFN	C. CAPACITOR CH 50V 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	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
C7311	ECEA1GKA101	E. CAPACITOR 16V 100U	1	
C7312	ECQB1H103JZ	P. CAPACITOR 50V 0.01U	1	
C7313	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C7314, 15	ECQB1H103JZ	P. CAPACITOR 50V 0.01U	2	
C7320, 21	ECEA1GKA100	E. CAPACITOR 16V 10U	2	
C7323, 24	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2	
C7325	ECUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C7326	ECEA1GKN100	E. CAPACITOR 16V 10U	1	
C7328	ECEA1GKA470	E. CAPACITOR 16V 47U	1	
C7330	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
C7332, 33	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	2	
C7337	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C7339	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7340	ECUM1H390JPN	C. CAPACITOR CH 50V 39P	1	
C7341	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1	
C7345	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C7346	ECUM1H390JPN	C. CAPACITOR CH 50V 39P	1	
C7347	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1	
C7349, 50	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	2	
C7352	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C7353	ECEA1GKA470	E. CAPACITOR 16V 47U	1	
C7601	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7604	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7605	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7606	ECEA1GKA101	E. CAPACITOR 16V 100U	1	
C7608	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
C7609	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7610	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7612	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7614	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7615	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7701	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C7702	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
C7704, 05	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7706	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7707-10	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	4	
C7712	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7713	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
C7714	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7715	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
C7716	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C7718	ECUX1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7721	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7722	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7723	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7724	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7726	VLQ0599J121	COIL 120UH	1	
C7729	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7731	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7732	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C7734	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7736	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7737	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7738, 39	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7743	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7747	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7750	ECUX1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7751	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7752	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C7753, 54	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	2	
C7755-57	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	3	
C7758	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C7759, 60	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
D302, 03	1SS355	DIODE	2	
D305	1SS355	DIODE	1	
D313, 14	1SS355	DIODE	2	
D318	1SS355	DIODE	1	
D319	MA151K	DIODE	1	
D320	MA151WK	DIODE	1	
D321	1SS355	DIODE	1	
D802-04	1SS355	DIODE	3	
D1001	MA4051-L	DIODE	1	
D1003	MA4120-M	DIODE	1	
D1004	MA4051-L	DIODE	1	
D1005	1SS355	DIODE	1	
D1007, 08	1SS355	DIODE	2	
D1009	1SS254	DIODE	1	
D2001	MA153	DIODE	1	
D2002	MA151K	DIODE	1	
D2003-05	1SS355	DIODE	3	
D2006, 07	MA700	DIODE	2	
D2008, 09	MA185	DIODE	2	
D2010-13	1SS355	DIODE	4	
D3001, 02	1SS254	DIODE	2	
D3005	MA723-VT	DIODE	1	
D4003-05	1SS254	DIODE	3	
D4007	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
D4504	1SS254	DIODE	1	
D6001	LN59LT-VT	LED	1	
D6002	MA4075-L	DIODE	1	
D6003	MA151K	DIODE	1	
D7304	MA29T-B	DIODE	1	
D7305	1SS254	DIODE	1	
D7307	MA151K	DIODE	1	
D7601	MA4300-M	DIODE	1	
D7602, 03	1SS254	DIODE	2	
D7704	MA700A	DIODE	1	
D7705	1SS254	DIODE	1	
D7707	1SS254	DIODE	1	
IC301	TDA9725V2	IC	1	[SUPPLIED FROM MBV]
IC302	TL8850AF	IC	1	
IC0701	LA7576	IC	1	
IC1001	HA17431PA	IC	1	
IC2001	BA6887-V3	IC	1	
IC2002	BA6871BS	IC	1	
IC2003	AN3814K	IC	1	
IC4001	BA7795FS	IC	1	
IC4501	BH7778AK	IC	1	
IC6001	MN675536VR9Y	IC	1	[SUPPLIED FROM MBV]
IC6002, 03	ON1387	PHOTO INTERRUPTER	2	
IC7301	TD9845	IC	1	
IC7302	TA8721SN	IC	1	
IC7701	M27C1001BAAA	IC	1	[SUPPLIED FROM MBV]
IC7702	MC74HCT573AW	IC	1	[SUPPLIED FROM MBV]
IC7703	NJM2535M	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	[SUPPLIED FROM MBV]
IC7705	BH7236AF	IC	1	
IC7706	SABG513AL16P	IC	1	[SUPPLIED FROM MBV]

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC7708	SAA5281ZPM3	IC	1	
IC7712	MC74HCT74AD	IC	1	[SUPPLIED FROM MBV]
Δ IP1001	VSF0015A10	IC PROTECTOR	1	
K309	ERJ66EYOR00	M. RESISTOR CH 1/10W	0	1
K310	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0	1
K0702	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0	1
K0704, 05	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0	2
K3001	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	1
K3005	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	1
K3014, 15	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	2
K4002	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	1
K4004	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	1
K4502-06	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0	5
K6002	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	1
K6006, 07	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	2
K7302	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0	1
K7315	ERJ3GEY0302	M. RESISTOR CH 1/16W	3K	1
K7316	ERJ66EYOR00	M. RESISTOR CH 1/10W	0	1
K7619	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	1
K7621	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	1
K7624	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	1
K7625	ERJ66EYOR00	M. RESISTOR CH 1/10W	0	1
K7709	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	1
K7711	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	1
L301	VLQ0599J151	COIL	150UH	1
L302, 03	VLQ0599J100	COIL	10UH	2
L304	VLQ0599J390	COIL	39UH	1
L305	VLQ0599J470	COIL	47UH	1
L306	VLQ0599J101	COIL	100UH	1
L307	VLQ0599J270	COIL	27UH	1
L308	VLQ0599J100	COIL	10UH	1
L309	VLQ0599J470	COIL	47UH	1
L311, 12	VLQ0599J680	COIL	68UH	2
L313, 14	VLQ0599J390	COIL	39UH	2
L315	VLQ0599J101	COIL	100UH	1
L0701	VLQ0163JR18	COIL	0.18UH	1 [SUPPLIED FROM MBV]
L0705	VLQ0163JR6	COIL	5.6UH	1
L0706	VLQEL05S150K	COIL	15UH	1
L801	VLQ0599J101	COIL	100UH	1
L2001	VLP0083	COIL		1
L3001	VLQ0599J820	COIL	82UH	1
L3002	VLQ0599J151	COIL	150UH	1
L3003	VLQ0599J6R8	COIL	6.8UH	1
L3004	VLQ0599J120	COIL	12UH	1
L3006	VLQ0599J101	COIL	100UH	1
L3008	VLQ0599J270	COIL	27UH	1
L3009	VLQ0599J680	COIL	68UH	1
L3012	VLQ0599J680	COIL	68UH	1
L4002	ELESN471KA	INDUCTOR	470UH	1
L4003	VLQ0599J680	COIL	68UH	1
L4005, 06	ERJ66MZOR00	M. RESISTOR CH 1/10W	0	2
L4007	VLQ0123	COIL		1
L6001	VLQ0599J101	COIL	100UH	1
L6002	VLP0083	COIL		1
L6003, 04	VLQ0599J680	COIL	68UH	2
L7603, 04	VLQ0599J680	COIL	68UH	2
L7606	VLQ0599J180	COIL	18UH	1
L7607, 08	VLQ0599J330	COIL	33UH	2
L7702	VLQ0599J3R3	COIL	3.3UH	1
L7703	VLQ0599J270	COIL	27UH	1
L7704	VLQ0599J100	COIL	10UH	1
L7705	VLQ0599J390	COIL	39UH	1
L7707	VLQ0599J120	COIL	12UH	1
L7708	VLQ0599J150	COIL	15UH	1
LB303-06	VLP0145	COIL		4
LB307-11	ERJ66EYOR00	M. RESISTOR CH 1/10W	0	5
LB312	VLP0145	COIL		1
LB1001	VLP0125	COIL		1
LB3001	VLP0083	COIL		1
P2001	VJS3640A002	CONNECTOR (FEMALE)	2P	1

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P2002	VJS3537A0156	CONNECTOR (FEMALE)	15P	1
P2003	VJP3483	CONNECTOR (MALE)	3P	1
P2005	VJS3537A0096	CONNECTOR (FEMALE)	9P	1
P3002	VJS3537A0206	CONNECTOR (FEMALE)	20P	1
P4002	VJS3675E0068	CONNECTOR (FEMALE)	6P	1
P4003	VJP1230T	CONNECTOR (MALE)	3P	1
P6001	VJS3821	CONNECTOR (FEMALE)	4P	1
PK301	VJR0776B010W	CONNECTOR (MALE)	10P	1 [SUPPLIED FROM MBV]
PK302	VJR0776B011W	CONNECTOR (MALE)	11P	1 [SUPPLIED FROM MBV]
PK303	VJR0776B012W	CONNECTOR (MALE)	12P	1 [SUPPLIED FROM MBV]
PK304	VJR0776B003W	CONNECTOR (MALE)	3P	1
PK0701	VJR0816E010W	CONNECTOR (MALE)	10P	1
PK4501	VJR0777B008W	CONNECTOR (MALE)	8P	1
PK4502, 03	VJR0777B010W	CONNECTOR (MALE)	10P	2
PK7301	VJR0777B007W	CONNECTOR (MALE)	7P	1
PK7302	VJR0777B005W	CONNECTOR (MALE)	5P	1
PP0701	VJP3589A004B	CONNECTOR (MALE)	4P	1
PP3002	VJP3042G013W	CONNECTOR (MALE)	13P	1
PP3003	VJP3042G005W	CONNECTOR (MALE)	5P	1
PP3004	VJP3042G008W	CONNECTOR (MALE)	8P	1
PP3005	VJP3042G010W	CONNECTOR (MALE)	10P	1
PS3001	VJS3673F0056	CONNECTOR (FEMALE)	5P	1 [SUPPLIED FROM MBV]
PS3006	VJS3631A011A	CONNECTOR (FEMALE)	11P	1
PS6002	VJS3673B0256	CONNECTOR (FEMALE)	25P	1
Q301, 02	MSD601	TRANSISTOR		2
Q305	MSD601	TRANSISTOR		1
Q306	MSB709	TRANSISTOR		1
Q307	MSB709-R	TRANSISTOR		1
Q308	MSB709	TRANSISTOR		1
Q309	MSC2295	TRANSISTOR		1
Q310	MSD601	TRANSISTOR		1
Q0701	MSD601-S	TRANSISTOR		1
Q0702	MSB709-R	TRANSISTOR		1
Q801	MSB709	TRANSISTOR		1
Q803	MSC2295	TRANSISTOR		1
Q804	MSB709	TRANSISTOR		1
Q805	MSD601	TRANSISTOR		1
Q1001	MSD601	TRANSISTOR		1
Q1002-04	2SD1996-S	TRANSISTOR		3
Q1005	2SD602A-R	TRANSISTOR		1
Q1006	2SD1996-S	TRANSISTOR		1
Q1007	2SD25440PQA	TRANSISTOR		1
Q3001	MSC2295	TRANSISTOR		1
Q3002	MSB709	TRANSISTOR		1
Q3003, 04	MSD601	TRANSISTOR		2
Q3005	MSC2295	TRANSISTOR		1
Q3006	MSB709	TRANSISTOR		1
Q3007	MSC2295	TRANSISTOR		1
Q3010	MSB709-R	TRANSISTOR		1
Q3023	MSC2295	TRANSISTOR		1
Q3024	MSD601	TRANSISTOR		1
Q3025	MSC2295	TRANSISTOR		1
Q4005	2SB1320A-R	TRANSISTOR		1
Q4006	2SD602A-R	TRANSISTOR		1
Q4007-09	MSD601-R	TRANSISTOR		3
Q4501	2SD1468	TRANSISTOR		1
Q4551	2SA1515	TRANSISTOR		1
Q6001	MSB709	TRANSISTOR		1
Q6002, 03	PN205LT-NCVT	PHOTO TRANSISTOR		2
Q7301	MSD601-S	TRANSISTOR		1
Q7601	XN4601	TRANSISTOR-TRANSISTOR		1
Q7602	MSD601	TRANSISTOR		1
Q7603	2SB710A	TRANSISTOR		1
Q7702	MSB709	TRANSISTOR		1
Q7704, 05	MSD601	TRANSISTOR		2
Q7706	MSB709	TRANSISTOR		1
Q7707-12	MSD601	TRANSISTOR		6
QR302	MUN2113	TRANSISTOR-RESISTOR		1
QR304	MUN2113	TRANSISTOR-RESISTOR		1
QR305	MUN2213	TRANSISTOR-RESISTOR		1

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR311	MUN2113	TRANSISTOR-RESISTOR	1	
QR317	MUN2213	TRANSISTOR-RESISTOR	1	
QR319	UN2210	TRANSISTOR-RESISTOR	1	
QR801	MUN2213	TRANSISTOR-RESISTOR	1	
QR1001, 02	MUN2113	TRANSISTOR-RESISTOR	2	
QR1003	MUN2213	TRANSISTOR-RESISTOR	1	
QR3001	MUN2111	TRANSISTOR-RESISTOR	1	
QR3002, 03	DTG363EK	TRANSISTOR-RESISTOR	2	
QR3027	MUN2212	TRANSISTOR-RESISTOR	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1	
QR4651, 52	UN5213	TRANSISTOR-RESISTOR	2	
QR6001	XN1211	TRANSISTOR-RESISTOR	1	
QR6002	UN2114	TRANSISTOR-RESISTOR	1	
QR6004	XN1213	TRANSISTOR-RESISTOR	1	
QR6005	MUN2112	TRANSISTOR-RESISTOR	1	
QR7304	MUN2213	TRANSISTOR-RESISTOR	1	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1	
QR7602	MUN2212	TRANSISTOR-RESISTOR	1	
QR7603	MUN2213	TRANSISTOR-RESISTOR	1	
QR7703	MUN2113	TRANSISTOR-RESISTOR	1	
R303	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R304	ERJ3GEYJ225	M. RESISTOR CH 1/16W 2.2M	1	
R305	ERJ3GEYG682	M. RESISTOR CH 1/16W 6.8K	1	
R307	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R308	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R309	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R310, 11	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R312	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R313	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R314	ERJ3GEYJ683	M. RESISTOR CH 1/16W 68K	1	
R315	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R316	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R317	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R319	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R320	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R321	ERJ3GEYJ120	M. RESISTOR CH 1/16W 12	1	
R322	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R323	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R324, 25	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R326	ERJ3GEYJ242	M. RESISTOR CH 1/16W 2.4K	1	
R327	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R328	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R329	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R330	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R332	ERJ3GEYJ390	M. RESISTOR CH 1/16W 39	1	
R333	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	
R335	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R337	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	
R338	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1	
R339	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	1	
R340	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R341	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R344	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R346, 47	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
R353	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R354	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R355	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R356, 57	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	2	
R359	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R360	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R369	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R373	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R374	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R375	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R376	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	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	ERJ6GEYB154	M. RESISTOR CH 1/10W 150K	1	
R0713	ERJ3GEYJ391	M. RESISTOR CH 1/16W 390	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1	
R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1	
R0718	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R0719	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1	
R0720	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R0728	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1	
R0729	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R0732	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1	
R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R801	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R802	ERJ3GEYG681	M. RESISTOR CH 1/16W 680	1	
R803	ERJ3GEYG182	M. RESISTOR CH 1/16W 1.8K	1	
R810	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R811	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R812	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R813	ERJ3GEYG561	M. RESISTOR CH 1/16W 560	1	[SUPPLIED FROM MBV]
R814	ERJ3GEYG103	M. RESISTOR CH 1/16W 10K	1	
R815	ERJ3GEYG681	M. RESISTOR CH 1/16W 680	1	
R816	ERJ3GEYG181	M. RESISTOR CH 1/16W 180	1	
R817	ERJ3GEYG101	M. RESISTOR CH 1/16W 100	1	[SUPPLIED FROM MBV]
R818	ERJ3GEYG242	M. RESISTOR CH 1/16W 2.4K	1	
R1001	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R1002	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R1003	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1004	ERJ6GMYJ363	M. RESISTOR CH 1/10W 36K	1	
R1005	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1006	ERDS2TJ122	C. RESISTOR 1/4W 1.2K	1	
R1007	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R1008	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R1009, 10	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	2	
R1011	ERDS1TJ272	C. RESISTOR 1/2W 2.7K	1	
R2001	ERJ6GMYG913	M. RESISTOR CH 1/10W 91K	1	
R2002-04	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	3	
R2005	ERX1SJ1R8	M. RESISTOR 1W 1.8	1	
R2006	ERJ6GMYG512	M. RESISTOR CH 1/10W 5.1K	1	
R2007	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2009, 10	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R2011	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R2012	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R2013	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R2014, 15	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2016	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2017, 18	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2019	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R2020	ERJ6GMYG471	M. RESISTOR CH 1/10W 470	1	
R2021	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R2022	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2023	EROS2CKG8200	M. RESISTOR 1/4W 820	1	
R2024	EROS2CKG6800	M. RESISTOR 1/4W 680	1	
R2025	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R2026, 27	ERDS2TJ560	C. RESISTOR 1/4W 56	2	
R2028	ERDS1TJ561	C. RESISTOR 1/2W 560	1	
R2029	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2030	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R2031	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R2032	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R2033	ERJ6GMYJ684	M. RESISTOR CH 1/10W 680K	1	
R2034	ERJ6GMYG133	M. RESISTOR CH 1/10W 13K	1	
R2035	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R2036, 37	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	2	
R2038	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R2039, 40	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	2	
R2041, 42	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	2	
R2043	ERDS2TJ560	C. RESISTOR 1/4W 56	1	
R2044	ERX12SJR47	M. RESISTOR 1/2W 0.47	1	
R2045	ERDS2FJ1R5	C. RESISTOR 1/4W 1.5	1	
R2046-48	ERDS2TJ330	C. RESISTOR 1/4W 33	3	
R2049	ERDS2FJ1R2	C. RESISTOR 1/4W 1.2	1	
R2050, 51	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	2	
R2052	ERDS2TJ122	C. RESISTOR 1/4W 1.2K	1	
R3001	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3002	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R3003	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3004	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3005	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R3006	ERDS2TJ472	C. RESISTOR 1/4W 4.7K	1	
R3007	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3008	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3009	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R3012	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R3015	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3018	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3019, 20	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	2	
R3021	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R3022	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3023, 24	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	2	
R3025	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3026	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3029	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3030	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R3031	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R3032	ERJ6GMYG334	M. RESISTOR CH 1/10W 330K	1	
R3033	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3034	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3037	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R3039	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3065	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3068, 69	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R3076, 77	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R3078	ERDS2T0	C. RESISTOR 1/4W 0	1	
R3079, 80	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
R3081	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R3082	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3083	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R3084	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R3085	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3087	ERJ6GMYG563	M. RESISTOR CH 1/10W 56K	1	
R4003	ERJ6GMYG100	M. RESISTOR CH 1/10W 10	1	
R4007	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R4011	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4012	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4013	ERJ6GMYJ163	M. RESISTOR CH 1/10W 16K	1	
R4014	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R4015	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R4016	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4017	ERJ6GMYG133	M. RESISTOR CH 1/10W 1.3K	1	
R4019	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4020	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4022	ERJ6GMYG391	M. RESISTOR CH 1/10W 390	1	
R4023	ERJ6GMYG394	M. RESISTOR CH 1/10W 390K	1	
R4024	ERDS2TJ221	C. RESISTOR 1/4W 220	1	
R4025	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4027, 28	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R4029	ERJ6GMYG912	M. RESISTOR CH 1/10W 9.1K	1	
R4030	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4031	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4032	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4033	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R4034	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R4035, 36	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R4037	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4038	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4039	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R4040	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R4041, 42	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	2	
R4043	ERDS2J821	M. RESISTOR 2W 820	1	
R4044	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R4048	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4049	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4050	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4051	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R4054	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4055	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R4056	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4057	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4058	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R4059	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4067, 68	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R4071	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4073	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4503	ERJ3RBD203	M. RESISTOR CH 1/16W 20K	1	
R4504	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4508	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4512	ERJ3RBD123	M. RESISTOR CH 1/16W 12K	1	
R4513	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4517, 18	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	
R4519, 20	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R4522	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1	
R4528	ERJ3RBD153	M. RESISTOR CH 1/16W 15K	1	
R4529	ERJ3GEYG562	M. RESISTOR CH 1/16W 5.6K	1	
R4530	ERJ3GEYJ334	M. RESISTOR CH 1/16W 330K	1	
R4534	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4542	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R4562	ERJ3RBD912	M. RESISTOR CH 1/16W 9.1K	1	
R4563	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R4584	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4585	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R4586	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4598	ERJ6RED124	M. RESISTOR CH 1/10W 120K	1	
R4599	ERJ6RED114	M. RESISTOR CH 1/10W 110K	1	
R4601	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4603, 04	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
R4605	ERJ6GEYG203	M. RESISTOR CH 1/10W 20K	1	
R4606	ERJ3GEYJ203	M. RESISTOR CH 1/16W 20K	1	
R4607	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4608	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R4621	ERJ6GEYG163	M. RESISTOR CH 1/10W 16K	1	
R4623	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R4624	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4641, 42	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
R4663, 64	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R4695	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4697	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	1	
R4698	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R4704	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R6001	ERJ6GMYJ201	M. RESISTOR CH 1/10W 200	1	
R6002	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6003-05	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	3	
R6006, 07	ERJ6GMYG223	M. RESISTOR CH 1/10W 22K	2	
R6008	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6010	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6011	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6012, 13	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R6014	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6015	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R6016	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R6017	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R6019	ERDS2TJ473	C. RESISTOR 1/4W 47K	1	
R6020	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R6021-23	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	3	
R6024	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R6025	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R6029, 30	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R6033	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6034	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6035, 36	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R6037, 38	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
R6039	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
R6040, 41	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R6043	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R6044	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6046	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6048	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6049	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R6050	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6052	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6054	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R6055	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6056-58	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	3	
R6059	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6060	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R6061	ERJ6GMYG243	M. RESISTOR CH 1/10W 24K	1	
R7302	ERJ3GEYG133	M. RESISTOR CH 1/16W 13K	1	
R7303	ERJ3GEYG222	M. RESISTOR CH 1/16W 2.2K	1	
R7304	ERJ3GEYG392	M. RESISTOR CH 1/16W 3.9K	1	
R7305	ERJ3GEYG562	M. RESISTOR CH 1/16W 5.6K	1	
R7307	ERJ3GEYG272	M. RESISTOR CH 1/16W 2.7K	1	
R7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7313	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7320	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R7323	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R7324, 25	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	2	
R7326	ERJ3GEYG113	M. RESISTOR CH 1/16W 11K	1	
R7327	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R7328	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7329	ERJ3GEYG332	M. RESISTOR CH 1/16W 3.3K	1	
R7330	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7331	ERJ3GEYG113	M. RESISTOR CH 1/16W 11K	1	
R7336	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	1	
R7337	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1	
R7345	ERJ3GEYG182	M. RESISTOR CH 1/16W 1.8K	1	
R7352, 53	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R7354, 55	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	2	
R7358, 59	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
R7362, 63	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R7601	ERJ6GMYG151	M. RESISTOR CH 1/10W 150	1	
R7602, 03	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R7604	ERJ6GMYG151	M. RESISTOR CH 1/10W 150	1	
R7605-07	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	3	
R7612	ER02SJ331	M. RESISTOR 2W 330	1	
R7614	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7616	ER02SJ331	M. RESISTOR 2W 330	1	
R7618	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7619	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7622, 23	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R7624	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7625	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R7626	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R7703, 04	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R7705	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7706	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
R7707	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7708	ERJ6GMYJ621	M. RESISTOR CH 1/10W 620	1	
R7709	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7711	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R7712, 13	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R7714-19	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	6	
R7722, 23	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	2	
R7725	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7726	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R7727	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7732	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7733	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7735	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7737, 38	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R7739	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7740	ERJ6GMYG911	M. RESISTOR CH 1/10W 910	1	
R7746	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	
R7747	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7750	ERJ6GMYJ621	M. RESISTOR CH 1/10W 620	1	
R7751	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R7756	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R7757	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R7758	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R7761	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
R7766-68	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	3	
R7769	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R7770	ERJ6GMYG224	M. RESISTOR CH 1/10W 220K	1	
R7771	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7772	ERDS2TJ221	C. RESISTOR 1/4W 220	1	
R7773	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7774	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7775	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R7776	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7777	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1	
R7778	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R7779	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R7780	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R7781	ERJ6GMYG224	M. RESISTOR CH 1/10W 220K	1	
R7782	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R7785	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R7786, 87	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R7788	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7789	ERJ6GMYG154	M. RESISTOR CH 1/10W 150K	1	
R7790	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R7791	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R7792	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
R7793	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	
RX7701	EXBF9E103J	RESISTOR-RESISTOR	1	
S6001	VES0709	SWITCH	1	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T4002	EIQ7QF014Q	TRANSFORMER	1	
T7301	EQR7QG028P	TRANSFORMER	1	
T7304	EIS5EC017A	TRANSFORMER	1	
T7305	EQS5EC033A	TRANSFORMER	1	
△ TU7601	ENG47259G1	TUNER	1	[SUPPLIED FROM MBV]
VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
VR2001	EVNCYAA03B54	V. RESISTOR 50K	1	
VR3001, 02	EVNCYAA03B23	V. RESISTOR 2K	2	
VR3012, 13	EVNCYAA03B52	V. RESISTOR 500	2	
VR3014	EVNCYAA03B54	V. RESISTOR 50K	1	
VR4001	EVNCYAA03B15	V. RESISTOR 100K	1	
VR4501	EVMECSA00B53	V. RESISTOR 6.8K	1	
VR4509	EVMECSA00B53	V. RESISTOR 5K	1	
VR4550	EVMECSA00B14	V. RESISTOR 10K	1	
VR7301	EVNCBAA00B53	V. RESISTOR 5K	1	
X301	VSX0162	CRYSTAL OSCILLATOR	1	
X0701	VLF1178	FILTER	1	
X0703	EFG5SR5MN5	FILTER	1	
X0704	VLF1368	FILTER	1	[SUPPLIED FROM MBV]
X6001	VSX0583	CRYSTAL OSCILLATOR	1	
X7301	EFG5SR5MS5	FILTER	1	
X7304	EFG5SR74MS5B	FILTER	1	
X7305	VSX0648	CRYSTAL OSCILLATOR	1	
X7702	VSX0353	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
VMP4894		SUPPORT ANGLE	2	
VMD2329		PHOTO TRANSISTOR HOLDER	2	
VMD2328		REEL GUIDE	1	
VMD2330		LED HOLDER	1	
VMP4894		SUPPORT ANGLE	1	FOR DECODER C. B. A.
VMP4471		TV DEMODULATOR ANGLE	1	FOR TV DEMODULATOR C. B. A.
■ VEP06B97G		MAIN C. B. A.		[SUPPLIED FROM MBV] (RTL) NV-HD625B
C301	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
C302	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C305	ECUX1H102GCV	C. CAPACITOR CH 50V 1000P	1	[SUPPLIED FROM MBV]
C306	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.1U	1	
C307	ECEATEKA4R7	E. CAPACITOR 25V 4.7U	1	
C309	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C310	ECUX1E223KBV	C. CAPACITOR CH 25V 0.022U	1	
C311	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C312	ECUX1H680JCV	C. CAPACITOR CH 50V 68P	1	
C313	ECUX1H681GCV	C. CAPACITOR CH 50V 680P	1	[SUPPLIED FROM MBV]
C314	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C315	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C316	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C317	EGUX1G104KBV	C. CAPACITOR CH 16V 0.1U	1	
C318	EGUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C319	EGUX1H222KBV	C. CAPACITOR CH 50V 2200P	1	
C320	EGUX1G333KBV	C. CAPACITOR CH 16V 0.033U	1	
C321	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C322	EGUX1H270JGV	C. CAPACITOR CH 50V 27P	1	
C323	EGUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C324	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C325	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C327	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C328	EGUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C329	EGUX1H101JGV	C. CAPACITOR CH 50V 100P	1	
C330	EGUX1H330JGV	C. CAPACITOR CH 50V 33P	1	
C331	EGUX1H820JGV	C. CAPACITOR CH 50V 82P	1	
C332	EGUX1H681JGV	C. CAPACITOR CH 50V 680P	1	
C333	EGUX1H060DCV	C. CAPACITOR CH 50V 6P	1	
C334	EGUX1H100DCV	C. CAPACITOR CH 50V 10P	1	
C335	EGUX1H120JGV	C. CAPACITOR CH 50V 12P	1	
C336	EGUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C337	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C338	EGUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C339	EGUX1H470JGV	C. CAPACITOR CH 50V 47P	1	
C340	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C341	EGUX1E223KBV	C. CAPACITOR CH 25V 0.022U	1	
C342	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C343	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C344	EGUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C345, 46	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	2	
C347	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C348	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C349	EGUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C350	EGUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C351	EGUX1H392KBV	C. CAPACITOR CH 50V 3900P	1	
C352	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C353	EGUX1H221JGV	C. CAPACITOR CH 50V 220P	1	
C354	EGUX1H470JGV	C. CAPACITOR CH 50V 47P	1	
C355	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C356	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C357	EGUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C358	EGUX1H472KBV	C. CAPACITOR CH 50V 4700P	1	
C361	ERJ66YOR00	M. RESISTOR CH 1/10W 0	1	
C362	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C363	EGUX1H270JGV	C. CAPACITOR CH 50V 27P	1	
C365, 66	EGUX1H101JGV	C. CAPACITOR CH 50V 100P	2	
C370	EGUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C371	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C372, 73	EGUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C374	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C375	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C376	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C378	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C379, 80	EGUX1H330JGV	C. CAPACITOR CH 50V 33P	2	
C381	EGUX1H820JGV	C. CAPACITOR CH 50V 82P	1	
C0701, 02	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	2	
C0704	EGUX1H331JGV	C. CAPACITOR CH 50V 330P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	2	
C0709	EGUX1H120JGV	C. CAPACITOR CH 50V 12P	1	
C0710	EGUX1H470JGV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0712	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C0714	EGQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C0717	EGUX1H270JGV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKS4R7	E. CAPACITOR 50V 0.47U	1	
C0719	EGUX1H220JGV	C. CAPACITOR CH 50V 22P	1	
C0720	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0726	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C0730	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C0732	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C801	ECEA1CKA100	E. CAPACITOR 16V 10U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C802	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C803	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C804	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C805	EGUX1H050CCV	C. CAPACITOR CH 50V 5P	1	
C806	EGUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C807	EGUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECEA1CGE101	E. CAPACITOR 16V 100U	1	
C1002	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1CGE470	E. CAPACITOR 16V 47U	1	
C1004	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA0JKG220	E. CAPACITOR 6.3V 22U	1	
C1006	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1007	ECEA0JKG101	E. CAPACITOR 6.3V 100U	1	
C1008	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA1AKG220	E. CAPACITOR 16V 22U	1	[SUPPLIED FROM MBV]
C1010	ECEA0JKG101	E. CAPACITOR 6.3V 100U	1	
C1011	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1012	ECEA0JKG101	E. CAPACITOR 6.3V 100U	1	
C1013	ECEA0JKG220	E. CAPACITOR 6.3V 22U	1	
C2001	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2002, 03	EGUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2004	EGUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C2005	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2006	EGUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2007	EGUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C2008	EGQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2009	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2010	EGUM1H471JGN	C. CAPACITOR CH 50V 470P	1	
C2011	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2012	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2013	EGUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2014	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2015	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C2016, 17	ECEA1EKN3R3	E. CAPACITOR 25V 3.3U	2	
C2018	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2019, 20	EGUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2021, 22	EGUM1G105ZFN	C. CAPACITOR CH 16V 1U	2	
C2023	EGUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2024, 25	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	2	
C2026	ECEA1HKNR22	E. CAPACITOR 50V 0.22U	1	
C2027	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2028	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C2029	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2030, 31	EGUM1E333KBN	C. CAPACITOR CH 25V 0.033U	2	
C2032	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2033	ECA0JM221	E. CAPACITOR 6.3V 220U	1	
C2035	EGUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C2036	EGQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2037	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2038-40	EGUM1E333KBN	C. CAPACITOR CH 25V 0.033U	3	
C2041, 42	EGUM1H680JGN	C. CAPACITOR CH 50V 68P	2	
C2043, 44	EGUM1C474ZFN	C. CAPACITOR CH 16V 0.47U	2	
C2045	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2046	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C2047-49	ECEA1YKN4R7	E. CAPACITOR 35V 4.7U	3	
C2050	EGUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
C2051	ECEA0JKG101	E. CAPACITOR 6.3V 100U	1	
C2052	EGQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2053	ECEA1HKA4R7	E. CAPACITOR 50V 0.47U	1	
C2054	EGUM1H101JGN	C. CAPACITOR CH 50V 100P	1	
C2055	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C2056	EGQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C2057, 58	ECEA1HKG0R1	E. CAPACITOR 50V 0.1U	2	
C2059	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C2061	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3001	EGUM1H620JGN	C. CAPACITOR CH 50V 62P	1	
C3002	EGUM1H181JGN	C. CAPACITOR CH 50V 180P	1	
C3003	EGUM1H220JGN	C. CAPACITOR CH 50V 22P	1	
C3004	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3006	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3007	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C3008	EGUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C3009	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3010	EGUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C3017, 18	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3019	ECUM1H620JCN	C. CAPACITOR CH 50V 62P	1		C4592	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C3021	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C4673	ECUX1G104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C3023	ECEA1CKA470	E. CAPACITOR 16V 47U	1		C4674	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3024	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1		C4676	ECA1VAK470X	E. CAPACITOR 35V 47U	1	[SUPPLIED FROM MBV]
C3027	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		C4677	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]
C3028	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1		C6001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3029	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1		C6002	ECUM1G224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C3031	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1		C6003	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C3032	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1		C6004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3033	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1		C6005	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3055	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C6006	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3057	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1		C6007	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3061	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C6008	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C3062	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		C6009	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C3064	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		C6010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3065	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C6013, 14	ECUM1H271JCN	C. CAPACITOR CH 50V 270P	2	
C3066	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1		C6015	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4004	ECEA1CKA100	E. CAPACITOR 16V 10U	1		C6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4005	ECGD2H181J	C. CAPACITOR 500V 180P	1		C6018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4006	ECEA1CKA330	E. CAPACITOR 16V 33U	1		C7301, 02	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C4007	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1		C7303	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4009	ECEA1CKA100	E. CAPACITOR 16V 10U	1		C7304	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7305	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C4011	ECQP1362J2	P. CAPACITOR 100V 3600P	1	[SUPPLIED FROM MBV]	C7306	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	1	
C4017	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1		C7309-12	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	4	
C4018-20	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	3		C7313	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C4021, 22	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2		C7314	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4023	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		C7315	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4024	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1		C7317, 18	ECUX1H040CCV	C. CAPACITOR CH 50V 4P	2	
C4025, 26	ECEA1CKA220	E. CAPACITOR 16V 22U	2		C7320	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4027	ECEA1HKS3R3	E. CAPACITOR 50V 3.3U	1		C7321	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4028	ECEA1CKA470	E. CAPACITOR 16V 47U	1		C7322	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4029, 30	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	2		C7323, 24	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	2	
C4031	ECEA1KA101	E. CAPACITOR 10V 100U	1		C7325, 26	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C4032	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1		C7327	ECUX1G104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C4033, 34	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2		C7328	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4038	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7329, 30	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	2	
C4039	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1		C7331	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4040	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1		C7332, 33	ECUX1G104ZFN	C. CAPACITOR CH 16V 0.1U	2	
C4042	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1		C7334	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4044	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1		C7335	ECUX1G104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C4501	ECUX1H681JCV	C. CAPACITOR CH 50V 680P	1		C7338	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C4502	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1		C7339	ECUM1H182KBN	C. CAPACITOR CH 50V 1800P	1	
C4503	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1		C7340	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C4506	ECA1CAK100X	E. CAPACITOR 16V 10U	1	[SUPPLIED FROM MBV]	C7341	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4507	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		C7342	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4508	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1		C7343	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4509	ECA1CAK470X	E. CAPACITOR 16V 47U	1		C7344	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C4510	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1		C7345	ECUM1H182KBN	C. CAPACITOR CH 50V 1800P	1	
C4511	ECQB1H332JF	P. CAPACITOR 50V 3300P	1		C7346	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C4512	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1		C7347	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4513	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1		C7348	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4514	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1		C7350	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4515	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]	C7351	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C4521	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1		C7352	ECUM1H182KBN	C. CAPACITOR CH 50V 1800P	1	
C4522	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]	C7353	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C4530	ECAOJAK470X	E. CAPACITOR 6.3V 47U	1	[SUPPLIED FROM MBV]	C7354	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4533	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]	C7355	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4537	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1		C7357	ECUX1G104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C4538	ECA1HAKR47X	E. CAPACITOR 50V 0.47U	1	[SUPPLIED FROM MBV]	C7358	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C4541	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7359	ECUX1G104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C4551	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		C7365	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4556	ECA1CAK100X	E. CAPACITOR 16V 10U	1	[SUPPLIED FROM MBV]	C7369	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4558	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]	C7370	ECUX1G104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C4559	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]	C7371, 72	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C4560	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1		C7374, 75	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	2	
C4561	ECQB1H332JF	P. CAPACITOR 50V 3300P	1		C7601	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4562	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1		C7604	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4565	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]	C7605	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4569	ECUX1G104ZFN	C. CAPACITOR CH 16V 0.1U	1		C7606	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C4572	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]	C7608	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
C4576	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1		C7609	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4585, 86	ECAOJAK101X	E. CAPACITOR 6.3V 100U	2	[SUPPLIED FROM MBV]	C7610	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4587	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7612	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4591	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7614	ECEA1HKA100	E. CAPACITOR 50V 10U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
G7615	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G7616	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
G7617	ECEA1AKS221	E. CAPACITOR 10V 220U	1	
G7701	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
G7702	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
G7704, 05	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G7706	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G7707-10	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	4	
G7712	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
G7713	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
G7714	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
G7715	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
G7716	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
G7718	ECUX1H561JCN	C. CAPACITOR CH 50V 560P	1	
G7721	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G7723	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7724	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
G7726	VLQ0599J121	COIL 120UH	1	
G7729	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7731	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7732	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
G7734	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7736	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7737	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
G7738, 39	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G7743	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7747	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7750	ECUX1H561JCN	C. CAPACITOR CH 50V 560P	1	
G7751	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7752	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
G7753, 54	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	2	
G7755-57	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	3	
G7758	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
G7759, 60	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
D302, 03	1SS355	DIODE	2	
D305	1SS355	DIODE	1	
D313, 14	1SS355	DIODE	2	
D318	1SS355	DIODE	1	
D319	MA151K	DIODE	1	
D320	MA151WK	DIODE	1	
D321	1SS355	DIODE	1	
D802-04	1SS355	DIODE	3	
D1001	MA4051-L	DIODE	1	
D1003	MA4120-M	DIODE	1	
D1004	MA4051-L	DIODE	1	
D1005	1SS355	DIODE	1	
D1007, 08	1SS355	DIODE	2	
D1009	1SS254	DIODE	1	
D2001	MA153	DIODE	1	
D2002	MA151K	DIODE	1	
D2003-05	1SS355	DIODE	3	
D2006, 07	MA700	DIODE	2	
D2008, 09	MA185	DIODE	2	
D2010-13	1SS355	DIODE	4	
D3001, 02	1SS254	DIODE	2	
D3005	MA723-VT	DIODE	1	
D4003-05	1SS254	DIODE	3	
D4007	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
D4504	1SS254	DIODE	1	
D6001	LN59LT. VT	LED	1	
D6002	MA4075-L	DIODE	1	
D6003	MA151K	DIODE	1	
D7301	MA3082-L	DIODE	1	
D7302	MA151K	DIODE	1	
D7303	MA151WK	DIODE	1	
D7304	MA717	DIODE	1	
D7306	MA151WK	DIODE	1	
D7601	MA4300-M	DIODE	1	
D7704	MA700A	DIODE	1	
D7705	1SS254	DIODE	1	
D7707	1SS254	DIODE	1	
FL7301, 02	VLF0633	FILTER	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC301	TD49725V2	IC	1	[SUPPLIED FROM MBV]
IC302	TL8850AF	IC	1	
IC0701	LA7576	IC	1	
IC1001	HA17431PA	IC	1	
IC2001	BA6887-V3	IC	1	
IC2002	BA6871BS	IC	1	
IC2003	AN3814K	IC	1	
IC4001	BA7795FS	IC	1	
IC4501	BH7778AK	IC	1	
IC6001	MN675536VR9Y	IC	1	[SUPPLIED FROM MBV]
IC6002, 03	ON1387	PHOTO INTERRUPTER	2	
IC7301	MSP3410B-F7	IC	1	[SUPPLIED FROM MBV]
IC7302	PST7043	IC	1	
IC7303	M5238FP	IC	1	
IC7304	HA17431PA	IC	1	
IC7305	MN155402VZDB	IC	1	
IC7306	PST7043	IC	1	
IC7701	M27C1001BAAA	IC	1	[SUPPLIED FROM MBV]
IC7702	MC74HCT573AW	IC	1	[SUPPLIED FROM MBV]
IC7703	NJM2535M	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	[SUPPLIED FROM MBV]
IC7705	BH7236AF	IC	1	
IC7706	SABC513AL16P	IC	1	[SUPPLIED FROM MBV]
IC7708	SAAS2812PM3	IC	1	
IC7712	MC74HCT74AD	IC	1	[SUPPLIED FROM MBV]
△ IP1001	VSF0015A10	IC PROTECTOR	1	
K309	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
K310	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0702	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0704, 05	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K1001	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3001	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3005	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3014, 15	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	2	
K4002	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4004	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4502-06	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	5	
K6003	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K6006, 07	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	2	
K7305-07	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	3	
K7314	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K7317	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K7619	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7621	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7624	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7625	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
K7709	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7711	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
L301	VLQ0599J151	COIL 150UH	1	
L302, 03	VLQ0599J100	COIL 10UH	2	
L304	VLQ0599J390	COIL 39UH	1	
L305	VLQ0599J470	COIL 47UH	1	
L306	VLQ0599J101	COIL 100UH	1	
L307	VLQ0599J270	COIL 27UH	1	
L308	VLQ0599J100	COIL 10UH	1	
L309	VLQ0599J470	COIL 47UH	1	
L311, 12	VLQ0599J680	COIL 68UH	2	
L313, 14	VLQ0599J390	COIL 39UH	2	
L315	VLQ0599J101	COIL 100UH	1	
L0701	VLQ0163JR33	COIL 0.33UH	1	
L0705	VLQ0163J2R7	COIL 2.7UH	1	
L0706	VLQEL05S8R2K	COIL 8.2UH	1	
L801	VLQ0599J101	COIL 100UH	1	
L2001	VLP0083	COIL	1	
L3001	VLQ0599J820	COIL 82UH	1	
L3002	VLQ0599J151	COIL 150UH	1	
L3003	VLQ0599J6R8	COIL 6.8UH	1	
L3004	VLQ0599J120	COIL 12UH	1	
L3006	VLQ0599J101	COIL 100UH	1	
L3008	VLQ0599J270	COIL 27UH	1	
L3009	VLQ0599J680	COIL 68UH	1	
L3012	VLQ0599J680	COIL 68UH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L4002	ELESN471KA	INDUCTOR 470UH	1	
L4003	VLQ0599J680	COIL 68UH	1	
L4005, 06	ERJ66MZOR00	M. RESISTOR CH 1/10W 0	2	
L4007	VLQ0123	COIL	1	
L6001	VLQ0599J101	COIL 100UH	1	
L6002	VLP0083	COIL	1	
L6003, 04	VLQ0599J680	COIL 68UH	2	
L7301	ELEXH100JBV	INDUCTOR 10UH	1	
L7302	ERJ66EYOR00	M. RESISTOR CH 1/10W 0	1	
L7603, 04	VLQ0599J680	COIL 68UH	2	
L7606	VLQ0599J180	COIL 18UH	1	
L7607, 08	VLQ0599J330	COIL 33UH	2	
L7702	VLQ0599J3R3	COIL 3.3UH	1	
L7704	VLQ0599J100	COIL 10UH	1	
L7705	VLQ0599J390	COIL 39UH	1	
L7707	VLQ0599J120	COIL 12UH	1	
L7708	VLQ0599J150	COIL 15UH	1	
LB303-06	VLP0145	COIL	4	
LB307-11	ERJ66EYOR00	M. RESISTOR CH 1/10W 0	5	
LB312	VLP0145	COIL	1	
LB1001	VLP0125	COIL	1	
LB3001	VLP0083	COIL	1	
P2001	VJS3640A002	CONNECTOR (FEMALE) 2P	1	
P2002	VJS3537A0156	CONNECTOR (FEMALE) 15P	1	
P2003	VJP3483	CONNECTOR (MALE) 3P	1	
P2005	VJS3537A0096	CONNECTOR (FEMALE) 9P	1	
P3002	VJS3537A0206	CONNECTOR (FEMALE) 20P	1	
P4002	VJS3675E0066	CONNECTOR (FEMALE) 6P	1	
P4003	VJP1230T	CONNECTOR (MALE) 3P	1	
P6001	VJS3821	CONNECTOR (FEMALE) 4P	1	
PK301	VJR0776B010W	CONNECTOR (MALE) 10P	1	[SUPPLIED FROM MBV]
PK302	VJR0776B011W	CONNECTOR (MALE) 11P	1	[SUPPLIED FROM MBV]
PK303	VJR0776B012W	CONNECTOR (MALE) 12P	1	[SUPPLIED FROM MBV]
PK304	VJR0776B003W	CONNECTOR (MALE) 3P	1	
PK0701	VJR0816E010W	CONNECTOR (MALE) 10P	1	
PK4501	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PK4502, 03	VJR0777B010W	CONNECTOR (MALE) 10P	2	
PK7301	VJR0777B009W	CONNECTOR (MALE) 9P	1	
PK7302	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PP3002	VJP3042G013W	CONNECTOR (MALE) 13P	1	
PP3003	VJP3042G005W	CONNECTOR (MALE) 5P	1	
PP3004	VJP3042G008W	CONNECTOR (MALE) 8P	1	
PP3005	VJP3042G010W	CONNECTOR (MALE) 10P	1	
PS3001	VJS3673F0056	CONNECTOR (FEMALE) 5P	1	[SUPPLIED FROM MBV]
PS3006	VJS3631A011A	CONNECTOR (FEMALE) 11P	1	
PS6002	VJS3673B0256	CONNECTOR (FEMALE) 25P	1	
Q301, 02	MSD601	TRANSISTOR	2	
Q305	MSD601	TRANSISTOR	1	
Q306	MSB709	TRANSISTOR	1	
Q307	MSB709-R	TRANSISTOR	1	
Q308	MSB709	TRANSISTOR	1	
Q309	MSC2295	TRANSISTOR	1	
Q310	MSD601	TRANSISTOR	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR	1	
Q801	MSB709	TRANSISTOR	1	
Q803	MSC2295	TRANSISTOR	1	
Q804	MSB709	TRANSISTOR	1	
Q805	MSD601	TRANSISTOR	1	
Q1001	MSD601	TRANSISTOR	1	
Q1002-04	2SD1996-S	TRANSISTOR	3	
Q1005	2SD602A-R	TRANSISTOR	1	
Q1007	2SD25440PQA	TRANSISTOR	1	
Q3001	MSC2295	TRANSISTOR	1	
Q3002	MSB709	TRANSISTOR	1	
Q3003, 04	MSD601	TRANSISTOR	2	
Q3005	MSC2295	TRANSISTOR	1	
Q3006	MSB709	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q3007	MSC2295	TRANSISTOR	1	
Q3010	MSB709-R	TRANSISTOR	1	
Q3023	MSC2295	TRANSISTOR	1	
Q3024	MSD601	TRANSISTOR	1	
Q3025	MSC2295	TRANSISTOR	1	
Q4005	2SB1320A-R	TRANSISTOR	1	
Q4006	2SD602A-R	TRANSISTOR	1	
Q4007-09	MSD601-R	TRANSISTOR	3	
Q4501	2SD1468	TRANSISTOR	1	
Q4551	2SA1515	TRANSISTOR	1	
Q6001	MSB709	TRANSISTOR	1	
Q6002, 03	PN205LT-NCVT	PHOTO TRANSISTOR	2	
Q7301, 02	2SD1996	TRANSISTOR	2	
Q7304	2SC2404	TRANSISTOR	1	
Q7305	MSD601-S	TRANSISTOR	1	
Q7308	2SB709A	TRANSISTOR	1	
Q7310	2SB709A	TRANSISTOR	1	
Q7311-13	MSD1328-S	TRANSISTOR	3	
Q7601	XN4601	TRANSISTOR-TRANSISTOR	1	
Q7603	2SB710A	TRANSISTOR	1	
Q7702	MSB709	TRANSISTOR	1	
Q7705	MSD601	TRANSISTOR	1	
Q7706	MSB709	TRANSISTOR	1	
Q7707	MSD601	TRANSISTOR	1	
Q7709-12	MSD601	TRANSISTOR	4	
QR302	MUN2113	TRANSISTOR-RESISTOR	1	
QR304	MUN2113	TRANSISTOR-RESISTOR	1	
QR305	MUN2213	TRANSISTOR-RESISTOR	1	
QR311	MUN2113	TRANSISTOR-RESISTOR	1	
QR317	MUN2213	TRANSISTOR-RESISTOR	1	
QR319	UN2210	TRANSISTOR-RESISTOR	1	
QR801	MUN2213	TRANSISTOR-RESISTOR	1	
QR1001, 02	MUN2113	TRANSISTOR-RESISTOR	2	
QR1003	MUN2213	TRANSISTOR-RESISTOR	1	
QR3001	MUN2111	TRANSISTOR-RESISTOR	1	
QR3002, 03	DTC363EK	TRANSISTOR-RESISTOR	2	
QR3027	MUN2212	TRANSISTOR-RESISTOR	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1	
QR4651, 52	UN5213	TRANSISTOR-RESISTOR	2	
QR6001	XN1211	TRANSISTOR-RESISTOR	1	
QR6002	UN2114	TRANSISTOR-RESISTOR	1	
QR6004	XN1213	TRANSISTOR-RESISTOR	1	
QR6005	MUN2112	TRANSISTOR-RESISTOR	1	
QR7301	MUN2213	TRANSISTOR-RESISTOR	1	
QR7302	MUN2112	TRANSISTOR-RESISTOR	1	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1	
QR7602	MUN2212	TRANSISTOR-RESISTOR	1	
QR7603	MUN2213	TRANSISTOR-RESISTOR	1	
R303	ERJ3GEYJ242	M. RESISTOR CH 1/16W 2.4K	1	
R304	ERJ3GEYJ225	M. RESISTOR CH 1/16W 2.2M	1	
R305	ERJ3GEYJ682	M. RESISTOR CH 1/16W 6.8K	1	
R307	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R308	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R309	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R310, 11	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	2	
R312	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R313	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R314	ERJ3GEYJ683	M. RESISTOR CH 1/16W 68K	1	
R315	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R316	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R317	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R319	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R320	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R321	ERJ3GEYJ120	M. RESISTOR CH 1/16W 12	1	
R322	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R323	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R324, 25	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R326	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R327	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R328	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R329	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R330	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R332	ERJ3GEYJ390	M. RESISTOR CH 1/16W 39	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R333	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	
R335	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R337	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	
R338	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R339	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	1	
R341	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R344	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R346, 47	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
R353	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R354	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R355	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R356, 57	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	2	
R359	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R360	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R369	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R373	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R374	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R375	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R376	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0702	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	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	ERJ3GEYJ181	M. RESISTOR CH 1/16W 180	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1	
R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1	
R0718	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0719	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1	
R0720	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R0728	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0732	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R801	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R802	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R803	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R810	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R811	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R812	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R813	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	[SUPPLIED FROM MBV]
R814	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R815	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R816	ERJ3GEYJ181	M. RESISTOR CH 1/16W 180	1	
R817	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	[SUPPLIED FROM MBV]
R818	ERJ3GEYJ242	M. RESISTOR CH 1/16W 2.4K	1	
R1001	ERJ6GEYJ333	M. RESISTOR CH 1/10W 33K	1	
R1002	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R1003	ERJ6GEYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R1004	ERJ6GEYJ363	M. RESISTOR CH 1/10W 36K	1	
R1005	ERJ6GEYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R1006	ERDS2TJ122	C. RESISTOR 1/4W 1.2K	1	
R1007	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R1008	ERJ6GEYJ333	M. RESISTOR CH 1/10W 33K	1	
R1009, 10	ERJ6GEYJ562	M. RESISTOR CH 1/10W 5.6K	2	
R1011	ERDS1TJ272	C. RESISTOR 1/2W 2.7K	1	
R2001	ERJ6GEYJ913	M. RESISTOR CH 1/10W 91K	1	
R2002-04	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	3	
R2005	ERX1S1J1R8	M. RESISTOR 1W 1.8	1	
R2006	ERJ6GEYJ512	M. RESISTOR CH 1/10W 5.1K	1	
R2007	ERJ6GEYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2009, 10	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	2	
R2011	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R2012	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	1	
R2013	ERJ6GEYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R2014, 15	ERJ6GEYJ223	M. RESISTOR CH 1/10W 22K	2	
R2016	ERJ6GEYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2017, 18	ERJ6GEYJ223	M. RESISTOR CH 1/10W 22K	2	
R2019	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R2020	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2021	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R2022	ERJ6GEYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2023	EROS2CKG8200	M. RESISTOR 1/4W 820	1	
R2024	EROS2CKG6800	M. RESISTOR 1/4W 680	1	
R2025	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R2026, 27	ERDS2TJ560	C. RESISTOR 1/4W 56	2	
R2028	ERDS1TJ561	C. RESISTOR 1/2W 560	1	
R2029	ERJ6GEYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2030	ERJ6GEYJ432	M. RESISTOR CH 1/10W 4.3K	1	
R2031	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R2032	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R2033	ERJ6GEYJ684	M. RESISTOR CH 1/10W 680K	1	
R2034	ERJ6GEYJ133	M. RESISTOR CH 1/10W 13K	1	
R2035	ERJ6GEYJ105	M. RESISTOR CH 1/10W 1M	1	
R2036, 37	ERJ6GEYJ472	M. RESISTOR CH 1/10W 4.7K	2	
R2038	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R2039, 40	ERJ6GEYJ105	M. RESISTOR CH 1/10W 1M	2	
R2041, 42	ERJ6GEYJ392	M. RESISTOR CH 1/10W 3.9K	2	
R2043	ERDS2TJ560	C. RESISTOR 1/4W 56	1	
R2044	ERX12SJR47	M. RESISTOR 1/2W 0.47	1	
R2045	ERDS2FJ1R5	C. RESISTOR 1/4W 1.5	1	
R2046-48	ERDS2TJ330	C. RESISTOR 1/4W 33	3	
R2049	ERDS2FJ1R2	C. RESISTOR 1/4W 1.2	1	
R2050, 51	ERJ6GEYJ332	M. RESISTOR CH 1/10W 3.3K	2	
R2052	ERDS2TJ122	C. RESISTOR 1/4W 1.2K	1	
R3001	ERJ6GEYJ561	M. RESISTOR CH 1/10W 560	1	
R3002	ERJ6GEYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3003	ERJ6GEYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3004	ERJ6GEYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R3005	ERJ6GEYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R3006	ERDS2TJ472	C. RESISTOR 1/4W 4.7K	1	
R3007	ERJ6GEYJ681	M. RESISTOR CH 1/10W 680	1	
R3008	ERJ6GEYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3009	ERJ6GEYJ392	M. RESISTOR CH 1/10W 3.9K	1	
R3012	ERJ6GEYJ0R00	M. RESISTOR CH 1/10W 0	1	
R3015	ERJ6GEYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3018	ERJ6GEYJ223	M. RESISTOR CH 1/10W 22K	1	
R3019, 20	ERJ6GEYJ561	M. RESISTOR CH 1/10W 560	2	
R3021	ERJ6GEYJ391	M. RESISTOR CH 1/10W 390	1	
R3022	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R3023, 24	ERJ6GEYJ821	M. RESISTOR CH 1/10W 820	2	
R3025	ERJ6GEYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3026	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R3029	ERJ6GEYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3030	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R3031	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R3032	ERJ6GEYJ334	M. RESISTOR CH 1/10W 330K	1	
R3033	ERJ6GEYJ223	M. RESISTOR CH 1/10W 22K	1	
R3034	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R3037	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R3039	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R3065	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R3068, 69	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	2	
R3076, 77	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	2	
R3078	ERDS2T0	C. RESISTOR 1/4W 0	1	
R3079, 80	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	2	
R3081	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	1	
R3082	ERJ6GEYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3083	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R3084	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R3085	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R3087	ERJ6GEYJ563	M. RESISTOR CH 1/10W 56K	1	
R4003	ERJ6GEYJ100	M. RESISTOR CH 1/10W 10	1	
R4007	ERJ6GEYJ153	M. RESISTOR CH 1/10W 15K	1	
R4011	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R4012	ERJ6GEYJ123	M. RESISTOR CH 1/10W 12K	1	
R4013	ERJ6GEYJ163	M. RESISTOR CH 1/10W 16K	1	
R4014	ERJ6GEYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R4015	ERJ6GEYJ333	M. RESISTOR CH 1/10W 33K	1	
R4016	ERJ6GEYJ223	M. RESISTOR CH 1/10W 22K	1	
R4017	ERJ6GEYJ133	M. RESISTOR CH 1/10W 1.3K	1	
R4019	ERJ6GEYJ105	M. RESISTOR CH 1/10W 1M	1	
R4020	ERJ6GEYJ123	M. RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GEYJ393	M. RESISTOR CH 1/10W 39K	1	
R4022	ERJ6GEYJ391	M. RESISTOR CH 1/10W 390	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4023	ERJ6GMYG394	M. RESISTOR CH 1/10W 390K	1	
R4024	ERDS2TJ221	C. RESISTOR 1/4W 220	1	
R4025	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4027, 28	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R4029	ERJ6GMYG912	M. RESISTOR CH 1/10W 9.1K	1	
R4030	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4031	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4032	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4033	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R4034	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R4035, 36	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R4037	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4038	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4039	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R4040	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R4041, 42	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	2	
R4043	ERG2SJ821	M. RESISTOR 2W 820	1	
R4044	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R4048	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4049	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4050	ERJ6GMYJ221	M. RESISTOR CH 1/10W 22K	1	
R4051	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R4054	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4055	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R4056	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4057	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4058	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R4059	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4067, 68	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R4071	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4073	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4503	ERJ3RBD203	M. RESISTOR CH 1/16W 20K	1	
R4504	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4508	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4512	ERJ3RBD123	M. RESISTOR CH 1/16W 12K	1	
R4513	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4517, 18	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	
R4519, 20	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R4522	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1	
R4528	ERJ3RBD153	M. RESISTOR CH 1/16W 15K	1	
R4529	ERJ3GEYG562	M. RESISTOR CH 1/16W 5.6K	1	
R4530	ERJ3GEYJ334	M. RESISTOR CH 1/16W 330K	1	
R4534	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4542	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R4562	ERJ3RBD912	M. RESISTOR CH 1/16W 9.1K	1	
R4563	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R4584	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4585	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R4586	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4598	ERJ6RED124	M. RESISTOR CH 1/10W 120K	1	
R4599	ERJ6RED114	M. RESISTOR CH 1/10W 110K	1	
R4601	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4603, 04	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
R4605	ERJ6GEYG203	M. RESISTOR CH 1/10W 20K	1	
R4606	ERJ3GEYJ203	M. RESISTOR CH 1/16W 20K	1	
R4607	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4608	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R4621	ERJ6GEYG163	M. RESISTOR CH 1/10W 16K	1	
R4623	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R4624	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4641, 42	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
R4663, 64	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R4695	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4697	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	1	
R4698	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R4704	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R6001	ERJ6GMYJ201	M. RESISTOR CH 1/10W 200	1	
R6002	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6003-05	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	3	
R6006, 07	ERJ6GMYG223	M. RESISTOR CH 1/10W 22K	2	
R6008	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6010	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6011	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6012, 13	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R6014	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6015	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R6016	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R6017	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R6018	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6019	ERDS2TJ473	C. RESISTOR 1/4W 47K	1	
R6020	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R6021-23	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	3	
R6024	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R6025	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R6029, 30	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R6033	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6034	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6035, 36	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R6037, 38	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
R6039	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
R6040, 41	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R6043	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R6044	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6046	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6048	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6049	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R6050	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6052	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6054	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R6055	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R6056-58	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	3	
R6059	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6060	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R6061	ERJ6GMYG243	M. RESISTOR CH 1/10W 24K	1	
R7301	ERJ6GEYG182	M. RESISTOR CH 1/10W 1.8K	1	
R7302	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R7303	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1	
R7308	ERJ3GEYJ121	M. RESISTOR CH 1/16W 120	1	
R7309, 10	ERJ6GEYF561	M. RESISTOR CH 1/10W 560	2	
R7311	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	1	
R7312	ERJ6GEYG152	M. RESISTOR CH 1/10W 1.5K	1	
R7313, 14	ERJ3GEYG272	M. RESISTOR CH 1/16W 2.7K	2	
R7315	ERJ3GEYJ114	M. RESISTOR CH 1/16W 110K	1	
R7316	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7317	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7320	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7321-23	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	3	
R7324	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7325	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7326	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7327-29	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	3	
R7330	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7332	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7333	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7334-36	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	3	
R7337	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7339	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7341-43	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	3	
R7344	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7345, 46	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
R7350	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7351	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7352-56	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	5	
R7357	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R7362	ERJ3GEYG682	M. RESISTOR CH 1/16W 6.8K	1	
R7366	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7367	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7368	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7370	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7376, 77	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	2	
R7378	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1	
R7379	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7381	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7383	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7601	ERJ6GMYG151	M. RESISTOR CH 1/10W 150	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7602, 03	ERJ6GMYG683	M. RESISTOR CH 1/10W 68K	2	
R7604	ERJ6GMYG151	M. RESISTOR CH 1/10W 150	1	
R7605-07	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	3	
R7612	ERG2SJ331	M. RESISTOR 2W 330	1	
R7614	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7616	ERG2SJ331	M. RESISTOR 2W 330	1	
R7618	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7619	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7622, 23	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R7624	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7625	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R7626	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R7703, 04	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R7705	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7706	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
R7707	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7708	ERJ6GMYG621	M. RESISTOR CH 1/10W 620	1	
R7709	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7711	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R7712, 13	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R7714-19	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	6	
R7723	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7725	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7732	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7733	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7735	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7737, 38	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R7739	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7740	ERJ6GMYG911	M. RESISTOR CH 1/10W 910	1	
R7746	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	
R7747	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7750	ERJ6GMYJ621	M. RESISTOR CH 1/10W 620	1	
R7751	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R7758	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R7761	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
R7766-68	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	3	
R7769	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R7770	ERJ6GMYG224	M. RESISTOR CH 1/10W 220K	1	
R7771	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7772	ERDS2TJ221	C. RESISTOR 1/4W 220	1	
R7773	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R7774	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7775	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R7776	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7777	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2W	1	
R7778	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R7779	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R7780	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R7781	ERJ6GMYG224	M. RESISTOR CH 1/10W 220K	1	
R7782	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R7785	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R7786, 87	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R7788	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7789	ERJ6GMYG154	M. RESISTOR CH 1/10W 150K	1	
R7790	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R7791	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R7792	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
R7793	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	
RX7701	EXBF9E103J	RESISTOR-RESISTOR	1	
S6001	VES0709	SWITCH	1	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T4002	E1Q70F014Q	TRANSFORMER	1	
Δ TU7601	ENG47258G1	TUNER	1	[SUPPLIED FROM MBV]
VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
VR2001	EVNCYAA03B54	V. RESISTOR 50K	1	
VR3001, 02	EVNCYAA03B23	V. RESISTOR 2K	2	
VR3012, 13	EVNCYAA03B52	V. RESISTOR 500	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
VR3014	EVNCYAA03B54	V. RESISTOR 50K	1	
VR4001	EVNCYAA03B15	V. RESISTOR 100K	1	
VR4501	EVMECSA00B33	V. RESISTOR 6.8K	1	
VR4509	EVMECSA00B53	V. RESISTOR 5K	1	
VR4550	EVMECSA00B14	V. RESISTOR 10K	1	
X301	VXS0162	CRYSTAL OSCILLATOR	1	
X0701	VLFI389	FILTER	1	[SUPPLIED FROM MBV]
X0703	EFCT6M65MM3B	FILTER	1	[SUPPLIED FROM MBV]
X0704	VLFI369	FILTER	1	
X6001	VXS0583	CRYSTAL OSCILLATOR	1	
X7302	VXS0877	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
X7303	EFCEC4004A4	CERAMIC OSCILLATOR	1	
X7702	VXS0353	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMP4894	SUPPORT ANGLE	2	
	VMD2329	PHOTO TRANSISTOR HOLDER	2	
	VMD2328	REEL GUIDE	1	
	VMD2330	LED HOLDER	1	
	VSC3553	SHIELD COVER (MAIN)	1	FOR N1CAM DECODER C.B.A.
	VSC3555	SHIELD COVER (BOTTOM)	1	FOR N1CAM DECODER C.B.A.
	VMT0784	SPACER	1	FOR N1CAM DECODER C.B.A.
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMODU. C.B.A.
	■ VEPO6B97H	MAIN C.B.A.		[SUPPLIED FROM MBV] (RTL) NV-HD625EC
G301	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
G302	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
G305	ECUX1H102GCV	C. CAPACITOR CH 50V 1000P	1	[SUPPLIED FROM MBV]
G306	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
G307	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
G309	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
G310	ECUX1E223KBV	C. CAPACITOR CH 25V 0.022U	1	
G311	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
G312	ECUX1H680JCV	C. CAPACITOR CH 50V 68P	1	
G313	ECUX1H681GCV	C. CAPACITOR CH 50V 680P	1	[SUPPLIED FROM MBV]
G314	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G315	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
G316	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G317	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
G318	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
G319	ECUX1H222KBV	C. CAPACITOR CH 50V 2200P	1	
G320	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
G321	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G322	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
G323	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
G324	ECEA1JKA101	E. CAPACITOR 6.3V 100U	1	
G325	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
G327	ECEA1JKA101	E. CAPACITOR 6.3V 100U	1	
G328	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
G329	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
G330	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
G331	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
G332	ECUX1H681JCV	C. CAPACITOR CH 50V 680P	1	
G333	ECUX1H060DCV	C. CAPACITOR CH 50V 6P	1	
G334	ECUX1H100DCV	C. CAPACITOR CH 50V 10P	1	
G335	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
G336	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
G337	ECEA1JKA100	E. CAPACITOR 16V 10U	1	
G338	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
G339	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
G340	ECEA1JKA100	E. CAPACITOR 16V 10U	1	
G341	ECUX1E223KBV	C. CAPACITOR CH 25V 0.022U	1	
G342	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
G343	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
G344	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
G345, 46	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	2	
G347	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G348	ECEA1JKA101	E. CAPACITOR 16V 100U	1	
G349	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
G350	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
G351	ECUX1H392KBV	C. CAPACITOR CH 50V 3900P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C352	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C353	EGUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C354	EGUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C355	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C356	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C357	EGUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C358	EGUX1H472KBV	C. CAPACITOR CH 50V 4700P	1	
C361	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
C362	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C363	EGUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C365, 66	EGUX1H101JCV	C. CAPACITOR CH 50V 100P	2	
C370	EGUX1G104ZV	C. CAPACITOR CH 16V 0.1U	1	
C371	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C372, 73	EGUX1G104ZV	C. CAPACITOR CH 16V 0.1U	2	
C374	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C375	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C376	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C378	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C379, 80	EGUX1H330JCV	C. CAPACITOR CH 50V 33P	2	
C381	EGUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C0701, 02	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	2	
C0704	EGUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	2	
C0709	EGUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	EGUX1H470JPV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0712	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0714	EGQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C0717	EGUX1H270JPV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKS47	E. CAPACITOR 50V 0.47U	1	
C0719	EGUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0720	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0726	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0730	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0732	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C801	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C802	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C803	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C804	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C805	EGUX1H050CGV	C. CAPACITOR CH 50V 5P	1	
C806	EGUX1G104ZV	C. CAPACITOR CH 16V 0.1U	1	
C807	EGUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECEA1CGE101	E. CAPACITOR 16V 100U	1	
C1002	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1CGE470	E. CAPACITOR 16V 47U	1	
C1004	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEAOJG6220	E. CAPACITOR 6.3V 22U	1	
C1006	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1007	ECEAOJG6101	E. CAPACITOR 6.3V 100U	1	
C1008	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA1AKG220	E. CAPACITOR 10V 22U	1	[SUPPLIED FROM MBV]
C1010	ECEAOJG6101	E. CAPACITOR 6.3V 100U	1	
C1011	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1012	ECEAOJG6101	E. CAPACITOR 6.3V 100U	1	
C1013	ECEAOJG6220	E. CAPACITOR 6.3V 22U	1	
C2001	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2002, 03	EGUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2004	EGUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C2005	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2006	EGUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2007	EGUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C2008	EGQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2009	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2010	EGUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C2011	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2012	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2013	EGUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2014	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2015	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2016, 17	ECEA1EKN3R3	E. CAPACITOR 25V 3.3U	2	
C2018	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2019, 20	EGUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2021, 22	EGUM1C105ZFN	C. CAPACITOR CH 16V 1U	2	
C2023	EGUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2024, 25	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	2	
C2026	ECEA1HKNR22	E. CAPACITOR 50V 0.22U	1	
C2027	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2028	ECEA1HKA0T0	E. CAPACITOR 50V 1U	1	
C2029	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2030, 31	EGUM1E333KBN	C. CAPACITOR CH 25V 0.033U	2	
C2032	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2033	ECAOJW221	E. CAPACITOR 6.3V 220U	1	
C2035	EGUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C2036	EGQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2037	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2038-40	EGUM1E333KBN	C. CAPACITOR CH 25V 0.033U	3	
C2041, 42	EGUM1H680JCN	C. CAPACITOR CH 50V 68P	2	
C2043, 44	EGUM1C474ZFN	C. CAPACITOR CH 16V 0.47U	2	
C2045	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2046	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C2047-49	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	3	
C2050	EGUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
C2051	ECEAOJG6101	E. CAPACITOR 6.3V 100U	1	
C2052	EGQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2053	ECEA1HKA47	E. CAPACITOR 50V 0.47U	1	
C2054	EGUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C2055	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2056	EGQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C2057, 58	ECEA1HKG0R1	E. CAPACITOR 50V 0.1U	2	
C2059	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C2061	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3001	EGUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
C3002	EGUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C3003	EGUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3004	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3006	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3007	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3008	EGUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C3009	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3010	EGUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C3017, 18	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C3019	EGUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
C3021	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3023	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3024	EGUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C3027	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3028	EGUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C3029	EGUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3031	EGUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3032	EGUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3033	EGUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3055	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3057	EGUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C3061	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3062	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3064	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
C3065	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3066	EGUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C4004	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4005	EGCD2H181J	C. CAPACITOR 500V 180P	1	
C4006	ECEA1CKA330	E. CAPACITOR 16V 33U	1	
C4007	EGUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
C4009	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4010	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4011	EGQP1362JZ	P. CAPACITOR 100V 3600P	1	[SUPPLIED FROM MBV]
C4017	EGUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4018-20	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	3	
C4021, 22	EGUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2	
C4023	EGUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C4024	EGUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4025, 26	ECEA1CKA220	E. CAPACITOR 16V 22U	2	
C4027	ECEA1HKS3R3	E. CAPACITOR 50V 3.3U	1	
C4028	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4029, 30	EGUM1H102JCN	C. CAPACITOR CH 50V 1000P	2	
C4031	ECEA1KA101	E. CAPACITOR 10V 100U	1	
C4032	EGUM1H822KBN	C. CAPACITOR CH 50V 8200P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4033, 34	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C4038	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4039	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C4040	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4042	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1	
C4044	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1	
C4501	ECUX1H681JCV	C. CAPACITOR CH 50V 680P	1	
C4502	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4503	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4506	ECA1CAK100X	E. CAPACITOR 16V 10U	1	[SUPPLIED FROM MBV]
C4507	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4508	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	
C4509	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4510	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4511	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4512	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4513	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C4514	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4515	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4521	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4522	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4530	ECAOJAK470X	E. CAPACITOR 6.3V 47U	1	[SUPPLIED FROM MBV]
C4533	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]
C4537	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4538	ECA1HAKR47X	E. CAPACITOR 50V 0.47U	1	[SUPPLIED FROM MBV]
C4541	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4551	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4556	ECA1CAK100X	E. CAPACITOR 16V 10U	1	[SUPPLIED FROM MBV]
C4558	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4559	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]
C4560	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4561	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4562	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4565	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4569	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C4572	ECA1HAK4R7X	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]
C4576	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4585, 86	ECAOJAK101X	E. CAPACITOR 6.3V 100U	2	[SUPPLIED FROM MBV]
C4587	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4591	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4592	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4673	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C4674	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4676	ECA1VAK470X	E. CAPACITOR 35V 47U	1	[SUPPLIED FROM MBV]
C4677	ECA1CAK470X	E. CAPACITOR 16V 47U	1	[SUPPLIED FROM MBV]
C6001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6002	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C6003	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C6004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C6005	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C6006	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6007	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C6008	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C6009	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C6010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6013, 14	ECUM1H271JCN	C. CAPACITOR CH 50V 270P	2	
C6015	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7301, 02	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7303	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7304	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7305	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C7306	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	1	
C7309-12	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	4	
C7313	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C7314	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7315	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7317, 18	ECUX1H040CGV	C. CAPACITOR CH 50V 4P	2	
C7320	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7321	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7322	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7323, 24	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	2	
C7325, 26	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C7327	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7328	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7329, 30	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	2	
C7331	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7332, 33	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2	
C7334	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7335	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7338	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7339	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7340	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7341	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7342	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7343	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7344	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7345	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7346	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7347	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7348	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7350	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7351	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7352	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7353	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7354	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7355	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7357	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7358	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C7359	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7365, 66	ECEA1HKA010	E. CAPACITOR 50V 1U	2	
C7369	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7370	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7371, 72	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7374, 75	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	2	
C7601	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7604	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7605	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7606	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7608	ERJ66MZ0R00	M. RESISTOR CH 1/10W 0	1	
C7609	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7610	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7612	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7614	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7615	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7616	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	1	
C7617	ECEA1AKS221	E. CAPACITOR 10V 220U	1	
C7701	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C7702	ECUM1H080DGN	C. CAPACITOR CH 50V 8P	1	
C7704, 05	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7706	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7707-10	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	4	
C7712	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7713	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7714	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7715	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7716	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C7718	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C7721	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7722	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7723	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7724	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7726	VLQ0599J121	COIL 120UH	1	
C7729	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7731	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7732	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C7734	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7736	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7737	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7738, 39	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7743	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7747	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7750	ECUX1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7751	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7752	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C7753, 54	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	2	
C7755-57	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	3	
C7758	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C7759, 60	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D302, 03	1SS355	DIODE	2	
D305	1SS355	DIODE	1	
D313, 14	1SS355	DIODE	2	
D318	1SS355	DIODE	1	
D319	MA151K	DIODE	1	
D320	MA151WK	DIODE	1	
D321	1SS355	DIODE	1	
D802-04	1SS355	DIODE	3	
D1001	MA4051-L	DIODE	1	
D1003	MA4120-M	DIODE	1	
D1004	MA4051-L	DIODE	1	
D1005	1SS355	DIODE	1	
D1007, 08	1SS355	DIODE	2	
D1009	1SS254	DIODE	1	
D2001	MA153	DIODE	1	
D2002	MA151K	DIODE	1	
D2003-05	1SS355	DIODE	3	
D2006, 07	MA700	DIODE	2	
D2008, 09	MA185	DIODE	2	
D2010-13	1SS355	DIODE	4	
D3001, 02	1SS254	DIODE	2	
D3005	MA723-VT	DIODE	1	
D4003-05	1SS254	DIODE	3	
D4007	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
D4504	1SS254	DIODE	1	
D6001	LN59LT. VT	LED	1	
D6002	MA4075-L	DIODE	1	
D6003	MA151K	DIODE	1	
D7301	MA3082-L	DIODE	1	
D7302	MA151K	DIODE	1	
D7303	MA151WK	DIODE	1	
D7304	MA717	DIODE	1	
D7306	MA151WK	DIODE	1	
D7308	MA723-VT	DIODE	1	
D7601	MA4300-M	DIODE	1	
D7704	MA700A	DIODE	1	
D7705	1SS254	DIODE	1	
D7707	1SS254	DIODE	1	
FL7301, 02	VLF0633	FILTER	2	
IC301	TDA9725V2	IC	1	[SUPPLIED FROM MBV]
IC302	TL8850AF	IC	1	
IC0701	LA7576	IC	1	
IC1001	HA17431PA	IC	1	
IC2001	BA6887-V3	IC	1	
IC2002	BA6871BS	IC	1	
IC2003	AN3814K	IC	1	
IC4001	BA7795FS	IC	1	
IC4501	BH7778AK	IC	1	
IC6001	MN675536VR9Y	IC	1	[SUPPLIED FROM MBV]
IC6002, 03	ON1387	PHOTO INTERRUPTER	2	
IC7301	MSP3410B-F7	IC	1	[SUPPLIED FROM MBV]
IC7302	PST7043	IC	1	
IC7303	MS238FP	IC	1	
IC7304	HA17431PA	IC	1	
IC7305	MN155402VZDB	IC	1	
IC7306	PST7043	IC	1	
IC7701	M27C1001BAAA	IC	1	[SUPPLIED FROM MBV]
IC7702	MC74HCT573AW	IC	1	[SUPPLIED FROM MBV]
IC7703	NJM2535M	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	[SUPPLIED FROM MBV]
IC7705	BH7236AF	IC	1	
IC7706	SAB0513AL16P	IC	1	[SUPPLIED FROM MBV]
IC7708	SAA5281ZPM3	IC	1	
IC7712	MC74HCT74AD	IC	1	[SUPPLIED FROM MBV]
△ IP1001	VSF0015A10	IC PROTECTOR	1	
K309	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0 1	
K310	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0 1	
K0702	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0 1	
K0704, 05	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0 2	
K1001	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
K3001	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K3005	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K3014, 15	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K4002	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K4004	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K4502-06	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0 5	
K6002	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K6006, 07	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K7304-07	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0 4	
K7314	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0 1	
K7317	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0 1	
K7619	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7621	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7624	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7625	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0 1	
K7709	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7711	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
L301	VLQ0599J151	COIL 150UH	1	
L302, 03	VLQ0599J100	COIL 10UH	2	
L304	VLQ0599J390	COIL 39UH	1	
L305	VLQ0599J470	COIL 47UH	1	
L306	VLQ0599J101	COIL 100UH	1	
L307	VLQ0599J270	COIL 27UH	1	
L308	VLQ0599J100	COIL 10UH	1	
L309	VLQ0599J470	COIL 47UH	1	
L311, 12	VLQ0599J680	COIL 68UH	2	
L313, 14	VLQ0599J390	COIL 39UH	2	
L315	VLQ0599J101	COIL 100UH	1	
L0701	VLQ0163JR18	COIL 0.18UH	1	[SUPPLIED FROM MBV]
L0705	VLQ0163J5R6	COIL 5.6UH	1	
L0706	VLQ0163J5R6	COIL 15UH	1	
L801	VLQ0599J101	COIL 100UH	1	
L2001	VLP0083	COIL	1	
L3001	VLQ0599J820	COIL 82UH	1	
L3002	VLQ0599J151	COIL 150UH	1	
L3003	VLQ0599J6R8	COIL 6.8UH	1	
L3004	VLQ0599J120	COIL 12UH	1	
L3006	VLQ0599J101	COIL 100UH	1	
L3008	VLQ0599J270	COIL 27UH	1	
L3009	VLQ0599J680	COIL 68UH	1	
L3012	VLQ0599J680	COIL 68UH	1	
L4002	ELESN471KA	INDUCTOR 470UH	1	
L4003	VLQ0599J680	COIL 68UH	1	
L4005, 06	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
L4007	VLQ0123	COIL	1	
L6001	VLQ0599J101	COIL 100UH	1	
L6002	VLP0083	COIL	1	
L6003, 04	VLQ0599J680	COIL 68UH	2	
L7301	ELEXH100JBV	INDUCTOR 10UH	1	
L7302	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0 1	
L7603, 04	VLQ0599J680	COIL 68UH	2	
L7606	VLQ0599J180	COIL 18UH	1	
L7607, 08	VLQ0599J330	COIL 33UH	2	
L7702	VLQ0599J3R3	COIL 3.3UH	1	
L7703	VLQ0599J270	COIL 27UH	1	
L7704	VLQ0599J100	COIL 10UH	1	
L7705	VLQ0599J390	COIL 39UH	1	
L7707	VLQ0599J120	COIL 12UH	1	
L7708	VLQ0599J150	COIL 15UH	1	
LB303-06	VLP0145	COIL	4	
LB307-11	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0 5	
LB312	VLP0145	COIL	1	
LB1001	VLP0125	COIL	1	
LB3001	VLP0083	COIL	1	
P2001	VJS3640A002	CONNECTOR (FEMALE) 2P	1	
P2002	VJS3537A015G	CONNECTOR (FEMALE) 15P	1	
P2003	VJP3483	CONNECTOR (MALE) 3P	1	
P2005	VJS3537A009G	CONNECTOR (FEMALE) 9P	1	
P3002	VJS3537A020G	CONNECTOR (FEMALE) 20P	1	
P4002	VJS3675E006G	CONNECTOR (FEMALE) 6P	1	
P4003	VJP1230T	CONNECTOR (MALE) 3P	1	
P6001	VJS3821	CONNECTOR (FEMALE) 4P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
PK301	VJR0776B010W	CONNECTOR (MALE) 10P	1	[SUPPLIED FROM MBV]
PK302	VJR0776B011W	CONNECTOR (MALE) 11P	1	[SUPPLIED FROM MBV]
PK303	VJR0776B012W	CONNECTOR (MALE) 12P	1	[SUPPLIED FROM MBV]
PK304	VJR0776B003W	CONNECTOR (MALE) 3P	1	
PK0701	VJR0816E010W	CONNECTOR (MALE) 10P	1	
PK4501	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PK4502, 03	VJR0777B010W	CONNECTOR (MALE) 10P	2	
PK7301	VJR0777B009W	CONNECTOR (MALE) 9P	1	
PK7302	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PP3002	VJP3042G013W	CONNECTOR (MALE) 13P	1	
PP3003	VJP3042G005W	CONNECTOR (MALE) 5P	1	
PP3004	VJP3042G008W	CONNECTOR (MALE) 8P	1	
PP3005	VJP3042G010W	CONNECTOR (MALE) 10P	1	
PS3001	VJS3673F005G	CONNECTOR (FEMALE) 5P	1	[SUPPLIED FROM MBV]
PS3006	VJS3631A011A	CONNECTOR (FEMALE) 11P	1	
PS6002	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
Q301, 02	MSD601	TRANSISTOR	2	
Q305	MSD601	TRANSISTOR	1	
Q306	MSB709	TRANSISTOR	1	
Q307	MSB709-R	TRANSISTOR	1	
Q308	MSB709	TRANSISTOR	1	
Q309	MSC2295	TRANSISTOR	1	
Q310	MSD601	TRANSISTOR	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR	1	
Q801	MSB709	TRANSISTOR	1	
Q803	MSC2295	TRANSISTOR	1	
Q804	MSB709	TRANSISTOR	1	
Q805	MSD601	TRANSISTOR	1	
Q1001	MSD601	TRANSISTOR	1	
Q1002-04	2SD1996-S	TRANSISTOR	3	
Q1005	2SD602A-R	TRANSISTOR	1	
Q1007	2SD25440PQA	TRANSISTOR	1	
Q3001	MSC2295	TRANSISTOR	1	
Q3002	MSB709	TRANSISTOR	1	
Q3003, 04	MSD601	TRANSISTOR	2	
Q3005	MSC2295	TRANSISTOR	1	
Q3006	MSB709	TRANSISTOR	1	
Q3007	MSC2295	TRANSISTOR	1	
Q3010	MSB709-R	TRANSISTOR	1	
Q3023	MSC2295	TRANSISTOR	1	
Q3024	MSD601	TRANSISTOR	1	
Q3025	MSC2295	TRANSISTOR	1	
Q4005	2SB1320A-R	TRANSISTOR	1	
Q4006	2SD602A-R	TRANSISTOR	1	
Q4007-09	MSD601-R	TRANSISTOR	3	
Q4501	2SD1468	TRANSISTOR	1	
Q4551	2SA1515	TRANSISTOR	1	
Q6001	MSB709	TRANSISTOR	1	
Q6002, 03	PN205LT-NCVT	PHOTO TRANSISTOR	2	
Q7301, 02	2SD1996	TRANSISTOR	2	
Q7304	2SC2404	TRANSISTOR	1	
Q7305	MSD601-S	TRANSISTOR	1	
Q7308-10	2SB709A	TRANSISTOR	3	
Q7311-13	MSD1328-S	TRANSISTOR	3	
Q7601	XN4601	TRANSISTOR-TRANSISTOR	1	
Q7603	2SB710A	TRANSISTOR	1	
Q7702	MSB709	TRANSISTOR	1	
Q7704, 05	MSD601	TRANSISTOR	2	
Q7706	MSB709	TRANSISTOR	1	
Q7707-12	MSD601	TRANSISTOR	6	
QR302	MUN2113	TRANSISTOR-RESISTOR	1	
QR304	MUN2113	TRANSISTOR-RESISTOR	1	
QR305	MUN2213	TRANSISTOR-RESISTOR	1	
QR311	MUN2113	TRANSISTOR-RESISTOR	1	
QR317	MUN2213	TRANSISTOR-RESISTOR	1	
QR319	UN2210	TRANSISTOR-RESISTOR	1	
QR801	MUN2213	TRANSISTOR-RESISTOR	1	
QR1001, 02	MUN2113	TRANSISTOR-RESISTOR	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR1003	MUN2213	TRANSISTOR-RESISTOR	1	
QR3001	MUN2111	TRANSISTOR-RESISTOR	1	
QR3002, 03	DTC363EK	TRANSISTOR-RESISTOR	2	
QR3027	MUN2212	TRANSISTOR-RESISTOR	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1	
QR4651, 52	UN5213	TRANSISTOR-RESISTOR	2	
QR6001	XN1211	TRANSISTOR-RESISTOR	1	
QR6002	UN2114	TRANSISTOR-RESISTOR	1	
QR6004	XN1213	TRANSISTOR-RESISTOR	1	
QR6005	MUN2112	TRANSISTOR-RESISTOR	1	
QR7301	MUN2213	TRANSISTOR-RESISTOR	1	
QR7302	MUN2112	TRANSISTOR-RESISTOR	1	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1	
QR7602	MUN2212	TRANSISTOR-RESISTOR	1	
QR7603	MUN2213	TRANSISTOR-RESISTOR	1	
QR7703	MUN2113	TRANSISTOR-RESISTOR	1	
R303	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R304	ERJ3GEYJ225	M. RESISTOR CH 1/16W 2.2M	1	
R305	ERJ3GEYG682	M. RESISTOR CH 1/16W 6.8K	1	
R307	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R308	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R309	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R310, 11	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R312	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R313	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R314	ERJ3GEYJ683	M. RESISTOR CH 1/16W 68K	1	
R315	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R316	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R317	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R319	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R320	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R321	ERJ3GEYJ120	M. RESISTOR CH 1/16W 12	1	
R322	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R323	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R324, 25	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R326	ERJ3GEYJ242	M. RESISTOR CH 1/16W 2.4K	1	
R327	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R328	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R329	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R330	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R332	ERJ3GEYJ390	M. RESISTOR CH 1/16W 39	1	
R333	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	
R335	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R337	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	
R338	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1	
R339	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	1	
R340	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R341	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R344	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R346, 47	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
R353	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R354	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R355	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R356, 57	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	2	
R359	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R360	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R369	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R373	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R374	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R375	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R376	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	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	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1	
R0709	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1	
R0710	ERJ6GEYG154	M. RESISTOR CH 1/10W 150K	1	
R0713	ERJ3GEYJ391	M. RESISTOR CH 1/16W 390	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1	
R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1	
R0718	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R0719	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R0720	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R0728	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0732	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R801	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R802	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R803	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R810	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R811	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R812	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R813	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	[SUPPLIED FROM MBV]
R814	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R815	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R816	ERJ3GEYJ181	M. RESISTOR CH 1/16W 180	1	
R817	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	[SUPPLIED FROM MBV]
R818	ERJ3GEYJ242	M. RESISTOR CH 1/16W 2.4K	1	
R1001	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R1002	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R1003	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1004	ERJ6GMYJ363	M. RESISTOR CH 1/10W 36K	1	
R1005	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1006	ERDS2TJ122	C. RESISTOR 1/4W 1.2K	1	
R1007	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R1008	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R1009, 10	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	2	
R1011	ERDS1TJ272	C. RESISTOR 1/2W 2.7K	1	
R2001	ERJ6GMYG913	M. RESISTOR CH 1/10W 91K	1	
R2002-04	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	3	
R2005	ERX1SJ1R8	M. RESISTOR 1W 1.8	1	
R2006	ERJ6GMYG512	M. RESISTOR CH 1/10W 5.1K	1	
R2007	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2009, 10	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R2011	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R2012	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R2013	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R2014, 15	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2016	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2017, 18	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2019	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R2020	ERJ6GMYG471	M. RESISTOR CH 1/10W 470	1	
R2021	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R2022	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2023	EROS2CKG8200	M. RESISTOR 1/4W 820	1	
R2024	EROS2CKG6800	M. RESISTOR 1/4W 680	1	
R2025	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R2026, 27	ERDS2TJ560	C. RESISTOR 1/4W 56	2	
R2028	ERDS1TJ561	C. RESISTOR 1/2W 560	1	
R2029	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R2030	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R2031	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R2032	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R2033	ERJ6GMYJ684	M. RESISTOR CH 1/10W 680K	1	
R2034	ERJ6GMYG133	M. RESISTOR CH 1/10W 13K	1	
R2035	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R2036, 37	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	2	
R2038	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R2039, 40	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	2	
R2041, 42	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	2	
R2043	ERDS2TJ560	C. RESISTOR 1/4W 56	1	
R2044	ERX12SJ47	M. RESISTOR 1/2W 0.47	1	
R2045	ERDS2FJ1R5	C. RESISTOR 1/4W 1.5	1	
R2046-48	ERDS2TJ330	C. RESISTOR 1/4W 33	3	
R2049	ERDS2FJ1R2	C. RESISTOR 1/4W 1.2	1	
R2050, 51	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	2	
R2052	ERDS2TJ122	C. RESISTOR 1/4W 1.2K	1	
R3001	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3002	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R3003	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3004	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R3005	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R3006	ERDS2TJ472	C. RESISTOR 1/4W 4.7K	1	
R3007	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3008	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3009	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R3012	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R3015	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3018	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3019, 20	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	2	
R3021	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R3022	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3023, 24	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	2	
R3025	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3026	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3029	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3030	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R3031	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R3032	ERJ6GMYG334	M. RESISTOR CH 1/10W 330K	1	
R3033	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3034	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3037	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R3039	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3065	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3068, 69	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R3076, 77	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R3078	ERDS2T0	C. RESISTOR 1/4W 0	1	
R3079, 80	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
R3081	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R3082	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3083	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R3084	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R3085	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3087	ERJ6GMYG563	M. RESISTOR CH 1/10W 56K	1	
R4003	ERJ6GMYG100	M. RESISTOR CH 1/10W 10	1	
R4007	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R4011	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4012	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4013	ERJ6GMYJ163	M. RESISTOR CH 1/10W 16K	1	
R4014	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R4015	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R4016	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4017	ERJ6GMYG133	M. RESISTOR CH 1/10W 1.3K	1	
R4019	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4020	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4022	ERJ6GMYG391	M. RESISTOR CH 1/10W 390	1	
R4023	ERJ6GMYG394	M. RESISTOR CH 1/10W 390K	1	
R4024	ERDS2TJ221	C. RESISTOR 1/4W 220	1	
R4025	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4027, 28	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R4029	ERJ6GMYG912	M. RESISTOR CH 1/10W 9.1K	1	
R4030	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4031	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4032	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4033	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R4034	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R4035, 36	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R4037	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4038	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4039	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R4040	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R4041, 42	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	2	
R4043	ER62SJ821	M. RESISTOR 2W 820	1	
R4044	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R4048	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4049	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4050	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4051	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R4054	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4055	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R4056	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4057	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4058	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R4059	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4067, 68	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R4071	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4073	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4503	ERJ3RBD203	M. RESISTOR CH 1/16W 20K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4504	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4508	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4512	ERJ3RBD123	M. RESISTOR CH 1/16W 12K	1	
R4513	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4517, 18	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	
R4519, 20	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R4522	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1	
R4528	ERJ3RBD153	M. RESISTOR CH 1/16W 15K	1	
R4529	ERJ3GEYG562	M. RESISTOR CH 1/16W 5.6K	1	
R4530	ERJ3GEYJ334	M. RESISTOR CH 1/16W 330K	1	
R4534	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4542	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R4562	ERJ3RBD912	M. RESISTOR CH 1/16W 9.1K	1	
R4563	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R4584	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4585	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R4586	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4598	ERJ6RED124	M. RESISTOR CH 1/10W 120K	1	
R4599	ERJ6RED114	M. RESISTOR CH 1/10W 110K	1	
R4601	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4603, 04	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
R4605	ERJ6GEYG203	M. RESISTOR CH 1/10W 20K	1	
R4606	ERJ3GEYJ203	M. RESISTOR CH 1/16W 20K	1	
R4607	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4608	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R4621	ERJ6GEYG163	M. RESISTOR CH 1/10W 16K	1	
R4623	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R4624	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4641, 42	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
R4663, 64	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R4695	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4697	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	1	
R4698	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R4704	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R6001	ERJ6GMYJ201	M. RESISTOR CH 1/10W 200	1	
R6002	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6003-05	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	3	
R6006, 07	ERJ6GMYG223	M. RESISTOR CH 1/10W 22K	2	
R6008	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6010	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6011	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6012, 13	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R6014	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6015	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R6016	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R6017	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R6019	ERDS2TJ473	C. RESISTOR 1/4W 47K	1	
R6020	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R6021-23	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	3	
R6024	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R6025	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R6029, 30	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R6033	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6034	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6035, 36	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R6037, 38	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
R6039	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
R6040, 41	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R6043	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R6044	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6046	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6048	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6049	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R6050	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6052	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6054	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R6055	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R6056-58	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	3	
R6059	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6060	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R6061	ERJ6GMYG243	M. RESISTOR CH 1/10W 24K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7301	ERJ6GEYG182	M. RESISTOR CH 1/10W 1.8K	1	
R7302	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R7303	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1	
R7308	ERJ3GEYJ121	M. RESISTOR CH 1/16W 120	1	
R7309, 10	ERJ6GEYF561	M. RESISTOR CH 1/10W 560	2	
R7311	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	1	
R7312	ERJ6GEYG152	M. RESISTOR CH 1/10W 1.5K	1	
R7313, 14	ERJ3GEYG272	M. RESISTOR CH 1/16W 2.7K	2	
R7315	ERJ3GEYJ114	M. RESISTOR CH 1/16W 110K	1	
R7316	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7317	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7320	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7321-23	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	3	
R7324	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7325	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7326	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7327-29	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	3	
R7330	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7332	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7333	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7334-36	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	3	
R7337	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7339	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7341-43	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	3	
R7346	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7350	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7351	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7352-56	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	5	
R7357	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7362	ERJ3GEYG682	M. RESISTOR CH 1/16W 6.8K	1	
R7366	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7367	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7368, 69	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	2	
R7370	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7371	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
R7376, 77	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	2	
R7378	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1	
R7379	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7381	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7383	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7601	ERJ6GMYG151	M. RESISTOR CH 1/10W 150	1	
R7602, 03	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R7604	ERJ6GMYG151	M. RESISTOR CH 1/10W 150	1	
R7605-07	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	3	
R7612	ERQ2SJ331	M. RESISTOR 2W 330	1	
R7614	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7616	ERQ2SJ331	M. RESISTOR 2W 330	1	
R7618	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7619	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7622, 23	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R7624	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7625	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R7626	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R7703, 04	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R7705	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7706	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
R7707	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7708	ERJ6GMYJ621	M. RESISTOR CH 1/10W 620	1	
R7709	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7711	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R7712, 13	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R7714-19	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	6	
R7722, 23	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	2	
R7725	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7726	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R7727	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7732	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7733	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7735	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7737, 38	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R7739	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R7740	ERJ6GMYG911	M. RESISTOR CH 1/10W 910	1	
R7746	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7747	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7750	ERJ6GMYJ621	M. RESISTOR CH 1/10W 620	1	
R7751	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R7756	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R7757	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R7758	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R7761	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
R7766-68	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	3	
R7769	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R7770	ERJ6GMYG224	M. RESISTOR CH 1/10W 220K	1	
R7771	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7772	ERDS2TJ221	C. RESISTOR 1/4W 220	1	
R7773	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R7774	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R7775	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R7776	ERJ6GMYG472	M. RESISTOR CH 1/10W 4.7K	1	
R7777	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1	
R7778	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R7779	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R7780	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R7781	ERJ6GMYG224	M. RESISTOR CH 1/10W 220K	1	
R7782	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R7785	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R7786, 87	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R7788	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R7789	ERJ6GMYG154	M. RESISTOR CH 1/10W 150K	1	
R7790	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R7791	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R7792	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
R7793	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	
RX7701	EXBF9E103J	RESISTOR-RESISTOR	1	
S6001	VES0709	SWITCH	1	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T4002	E1Q70F014Q	TRANSFORMER	1	
▲ TU7601	ENG47259G1	TUNER	1	[SUPPLIED FROM MBV]
VR0701	EVNGBAA00B24	V. RESISTOR 20K	1	
VR2001	EVNCAAA03B54	V. RESISTOR 50K	1	
VR3001, 02	EVNCAAA03B23	V. RESISTOR 2K	2	
VR3012, 13	EVNCAAA03B52	V. RESISTOR 500	2	
VR3014	EVNCAAA03B54	V. RESISTOR 50K	1	
VR4001	EVNCAAA03B15	V. RESISTOR 100K	1	
VR4501	EVMECSA00B53	V. RESISTOR 6.8K	1	
VR4509	EVMECSA00B53	V. RESISTOR 5K	1	
VR4550	EVMECSA00B14	V. RESISTOR 10K	1	
X301	VXS0162	CRYSTAL OSCILLATOR	1	
X0701	VLF1178	FILTER	1	
X0703	EFGS5R5MW5	FILTER	1	
X0704	VLF1368	FILTER	1	[SUPPLIED FROM MBV]
X6001	VXS0583	CRYSTAL OSCILLATOR	1	
X7302	VXS0877	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
X7303	EFOEC4004A4	CERAMIC OSCILLATOR	1	
X7702	VXS0353	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMP4894	SUPPORT ANGLE	2	
	VMD2329	PHOTO TRANSISTOR HOLDER	2	
	VMD2328	REEL GUIDE	1	
	VMD2330	LED HOLDER	1	
	VMT0332	SPACER	2	FOR NICAM DECODER C. B. A
	VSC3553	SHIELD COVER (MAIN)	1	FOR NICAM DECODER C. B. A
	VSC3555	SHIELD COVER (BOTTOM)	1	FOR NICAM DECODER C. B. A
	VMT0784	SPACER	1	FOR NICAM DECODER C. B. A
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMOD. C. B. A.
■ VEPO3D96D		INPUT/OUTPUT C. B. A.		[SUPPLIED FROM MBV]
				(RTL)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3902	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3903	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3905	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3906	ECEA0JKA331	E. CAPACITOR 6.3V 330U	1	
C3907, 08	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C3917	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3918	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3919	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3920	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3923	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3924, 25	ECUM1G105ZFN	C. CAPACITOR CH 16V 1U	2	
C3926	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4901-08	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	8	
C4909	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4910, 11	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C4913	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4914	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4915	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4916, 17	ECUM1G105ZFN	C. CAPACITOR CH 16V 1U	2	
D3901, 02	MA4056-M	DIODE	2	
D3903	MA4120-M	DIODE	1	
D3905	MA151K	DIODE	1	
IC3902	MC14053BF	IC	1	
IC3903	MC14052BF	IC	1	
IC3906	MC14051BF	IC	1	
IC4901	MC14052BF	IC	1	
IC4902, 03	NJM4558M	IC	2	
IC4904	MC14052BF	IC	1	
JK3901	VEJ1767	I/O JACK BOARD	1	[SUPPLIED FROM MBV]
JK3902, 03	VJS1470	JACK	2	
K3902, 03	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
K4906	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
L3903, 04	VLQ0599J330	COIL 33UH	2	
L4903	VLQ0599J101	COIL 100UH	1	
L4904	VLQ0599J330	COIL 33UH	1	
P3901	VJS3537B0066	CONNECTOR (FEMALE) 6P	1	
PS3901	VJS3042B010W	CONNECTOR (FEMALE) 10P	1	
PS3902	VJS3042B008W	CONNECTOR (FEMALE) 8P	1	
PS3903	VJS3042B005W	CONNECTOR (FEMALE) 5P	1	
PS3904	VJS3042F013W	CONNECTOR (FEMALE) 13P	1	
Q3901, 02	MSD601	TRANSISTOR	2	
Q3903, 04	MSB709	TRANSISTOR	2	
Q3909	MSD1328	TRANSISTOR	1	
Q3910	MSB709	TRANSISTOR	1	
QR3901	MUN2212	TRANSISTOR-RESISTOR	1	
QR3903	MUN2212	TRANSISTOR-RESISTOR	1	
QR3904	MUN2111	TRANSISTOR-RESISTOR	1	
R3901, Q2	ERJ6GEYG153	M. RESISTOR CH 1/10W 15K	2	
R3903	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R3904	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3906	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R3907, 08	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	2	
R3910-12	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	3	
R3919	ERJ6GEYG683	M. RESISTOR CH 1/10W 68K	1	
R3920	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R3921	ERJ6GEYG683	M. RESISTOR CH 1/10W 68K	1	
R3922	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R3923, 24	ERJ6GEYG331	M. RESISTOR CH 1/10W 330	2	
R3925, 26	ERJ6GEYG121	M. RESISTOR CH 1/10W 120	2	
R3928, 29	ERJ6GEYG121	M. RESISTOR CH 1/10W 120	2	
R3930	ERJ6GEYG750	M. RESISTOR CH 1/10W 75	1	
R3932-34	ERJ6GEYG750	M. RESISTOR CH 1/10W 75	3	
R3935	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R3937	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1	
R3938	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3946	ERJ6GEY223	M. RESISTOR CH 1/10W 22K	1	
R3947	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R3950	ERJ6GEY6103	M. RESISTOR CH 1/10W 10K	1	
R3953	ERJ6GEYF561	M. RESISTOR CH 1/10W 560	1	
R3954	ERJ6GEY6104	M. RESISTOR CH 1/10W 100K	1	
R4901	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R4902	ERJ6GEY6474	M. RESISTOR CH 1/10W 470K	1	
R4903	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R4904	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R4905	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R4906-13	ERJ6GEY6101	M. RESISTOR CH 1/10W 100	8	
R4914, 15	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	2	
R4916	ERJ6GEY6752	M. RESISTOR CH 1/10W 7.5K	1	
R4917, 18	ERJ6GEY6103	M. RESISTOR CH 1/10W 10K	2	
R4919	ERJ6GEY6683	M. RESISTOR CH 1/10W 68K	1	
R4920	ERJ6GEY6223	M. RESISTOR CH 1/10W 22K	1	
R4921	ERJ6GEY6683	M. RESISTOR CH 1/10W 68K	1	
R4922	ERJ6GEY6223	M. RESISTOR CH 1/10W 22K	1	
R4924	ERJ6GEY6752	M. RESISTOR CH 1/10W 7.5K	1	
R4925, 26	ERJ6GEY6103	M. RESISTOR CH 1/10W 10K	2	
R4927, 28	ERJ6GEY6153	M. RESISTOR CH 1/10W 15K	2	
R4929	ERJ6GEY6474	M. RESISTOR CH 1/10W 470K	1	
R4930, 31	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R4932, 33	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
R4934, 35	ERJ6GEY6221	M. RESISTOR CH 1/10W 220	2	
		MISCELLANEOUS		
	XTV3+8GFZ	SCREW	4	
	■ VEPO5349A	HEAD AMP C. B. A.		[SUPPLIED FROM MBV] (RTL)
C503	ECUM1C474ZFN	C. CAPACITOR CH 16V 0.47U	1	
C506	ECUM1C474ZFN	C. CAPACITOR CH 16V 0.47U	1	
C507	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C510	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C511	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C512	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C514	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C515	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C516	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C517, 18	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C519	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
D501, 02	1SS254	DIODE	2	
IC501	STV5728	IC	1	[SUPPLIED FROM MBV]
K501-06	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	6	
L502, 03	VLQ0599J330	COIL 33UH	2	
P501	VJS3537B0206	CONNECTOR (FEMALE) 20P	1	
P502	VJS3958	CONNECTOR (FEMALE) 11P	1	[SUPPLIED FROM MBV]
Q503, 04	MSD601	TRANSISTOR	2	
QR501, 02	MUN2213	TRANSISTOR-RESISTOR	2	
R501	ERJ6GEYJ100	M. RESISTOR CH 1/10W 10	1	
R502	ERJ6GEY6621	M. RESISTOR CH 1/10W 620	1	
R504	ERJ6GEY6621	M. RESISTOR CH 1/10W 620	1	
R510	ERJ6GEY6184	M. RESISTOR CH 1/10W 180K	1	
R511	ERJ6GEY6152	M. RESISTOR CH 1/10W 1.5K	1	
R512	ERJ6GEY6621	M. RESISTOR CH 1/10W 620	1	
R513	ERJ6GEY6184	M. RESISTOR CH 1/10W 180K	1	
R514	ERJ6GEY6223	M. RESISTOR CH 1/10W 22K	1	
R515	ERJ6GEY6103	M. RESISTOR CH 1/10W 10K	1	
R516	ERJ6GEY6223	M. RESISTOR CH 1/10W 22K	1	
R517	ERJ6GEYF333	M. RESISTOR CH 1/10W 33K	1	
R518	ERJ6GEY6272	M. RESISTOR CH 1/10W 2.7K	1	
R519	ERJ6GEY6183	M. RESISTOR CH 1/10W 18K	1	
R520-22	ERJ6GEY6102	M. RESISTOR CH 1/10W 1K	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R523	ERJ6GEY6103	M. RESISTOR CH 1/10W 10K	1	
R524	ERJ6GEY6101	M. RESISTOR CH 1/10W 100	1	
		MISCELLANEOUS		
	VSC4630	SHIELD COVER (TOP)	1	[SUPPLIED FROM MBV]
	VSC4631	SHIELD COVER (MAIN)	1	[SUPPLIED FROM MBV]
	VSC3770	SHIELD COVER (BOTTOM)	1	
	■ VEPO7957D	TIMER C. B. A.		[SUPPLIED FROM MBV] (RTL) NV-HD625EG/EGH/EGM
C7501	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C7502	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7503	ECAGJW221	E. CAPACITOR 6.3V 220U	1	
C7504	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C7507	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7508	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C7509	ECEATHKA100	E. CAPACITOR 50V 10U	1	
C7510, 11	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7514	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7515, 16	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7519, 20	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C7521	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
D7501	MA723-VT	DIODE	1	
D7502	MA4220-L	DIODE	1	
D7503-05	1SS254	DIODE	3	
D7509	HLMF-D205	DIODE	1	[SUPPLIED FROM MBV]
D7513, 14	SLR932A4A	DIODE	2	[SUPPLIED FROM MBV]
D7516	1SS254	DIODE	1	
D7527	1SS254	DIODE	1	
D7529-31	1SS254	DIODE	3	
D7533-36	1SS254	DIODE	4	
DP7501	VSL0468	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
IC7501	PST7023	IC	1	
IC7502	S80743AL	IC	1	
IC7503	M37507V6AJ	IC	1	[SUPPLIED FROM MBV]
IR7501	RPM-6937-V11	IC	1	[SUPPLIED FROM MBV]
K7504	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
PP7501	VJP3405A011W	CONNECTOR (MALE) 11P	1	
PS7501	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
PS7502	VJS3673F005G	CONNECTOR (FEMALE) 5P	1	[SUPPLIED FROM MBV]
Q7501	MSB709	TRANSISTOR	1	
QR7506	MUN2111	TRANSISTOR-RESISTOR	1	
R7501	ERJ6GEY6221	M. RESISTOR CH 1/10W 220	1	
R7502	ERDS2TJ8R2	C. RESISTOR 1/4W 8.2	1	
R7503, 04	ERJ6GEY6132	M. RESISTOR CH 1/10W 1.3K	2	
R7505	ERJ6GEY6331	M. RESISTOR CH 1/10W 330	1	
R7506	ERJ6GEYJ224	M. RESISTOR CH 1/10W 220K	1	
R7507	ERJ6GEY6103	M. RESISTOR CH 1/10W 10K	1	
R7508	ERJ6GEY6221	M. RESISTOR CH 1/10W 220	1	
R7509	ERJ6GEY6101	M. RESISTOR CH 1/10W 100	1	
R7510	ERJ6GEY6102	M. RESISTOR CH 1/10W 1K	1	
R7511, 12	ERJ6GEY6221	M. RESISTOR CH 1/10W 220	2	
R7513	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R7514	ERJ6GEY6221	M. RESISTOR CH 1/10W 220	1	
R7515	ERJ6GEY6332	M. RESISTOR CH 1/10W 3.3K	1	
R7516	ERJ6GEY6221	M. RESISTOR CH 1/10W 220	1	
R7517	ERJ6GEY6332	M. RESISTOR CH 1/10W 3.3K	1	
R7521-23	ERJ6GEY6221	M. RESISTOR CH 1/10W 220	3	
R7524-26	ERJ6GEY6332	M. RESISTOR CH 1/10W 3.3K	3	
R7527	ERJ6GEY6103	M. RESISTOR CH 1/10W 10K	1	
R7528	ERJ6GEY6221	M. RESISTOR CH 1/10W 220	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7529	ERDS2TJ470	C. RESISTOR 1/4W 47	1	
R7532	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7533	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	1	
R7534	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
S7501-03	EVQ11G09K	SWITCH	3	[SUPPLIED FROM MBV]
S7506	EVQ11G09K	SWITCH	1	[SUPPLIED FROM MBV]
S7508, 09	EVQ11G09K	SWITCH	2	[SUPPLIED FROM MBV]
S7512-14	EVQ11G09K	SWITCH	3	[SUPPLIED FROM MBV]
VG7501	EGRHA010A54R	V. CAPACITOR 50K	1	
X7501	VXS0608	CRYSTAL OSCILLATOR	1	
X7502	VXS0094	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMD2247	IR RECEIVER HOLDER	1	
	VJF1148	FIP HOLDER	1	
	VMD1047	LED SPACER	3	
	■ VEP07957E	TIMER C.B.A.		[SUPPLIED FROM MBV] (RTL) NV-HD625B
C7501	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C7502	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7503	ECAGJM221	E. CAPACITOR 6.3V 220U	1	
C7504	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C7507	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7508	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C7509	ECEATHKA100	E. CAPACITOR 50V 10U	1	
C7510, 11	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7514	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7515, 16	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7519, 20	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C7521	ECAGJKA470	E. CAPACITOR 6.3V 47U	1	
D7501	MA723-VT	DIODE	1	
D7502	MA4220-L	DIODE	1	
D7503-06	1SS254	DIODE	4	
D7509	HLMF-D205	DIODE	1	[SUPPLIED FROM MBV]
D7513, 14	SLR932AVA	DIODE	2	[SUPPLIED FROM MBV]
D7516	1SS254	DIODE	1	
D7518	1SS254	DIODE	1	
D7527	1SS254	DIODE	1	
D7529-31	1SS254	DIODE	3	
D7533-36	1SS254	DIODE	4	
DP7501	VSL0468	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
IC7501	PST7023	IC	1	
IC7502	S80743AL	IC	1	
IC7503	M37507V6AJ	IC	1	[SUPPLIED FROM MBV]
IR7501	RPM-6937-V11	IC	1	[SUPPLIED FROM MBV]
K7504	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
PP7501	VJP3405A011W	CONNECTOR (MALE) 11P	1	
PS7501	VJS3673B0256	CONNECTOR (FEMALE) 25P	1	
PS7502	VJS3673F0056	CONNECTOR (FEMALE) 5P	1	[SUPPLIED FROM MBV]
Q7501	MSB709	TRANSISTOR	1	
QR7506	MUN2111	TRANSISTOR-RESISTOR	1	
R7501	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	1	
R7502	ERDS2TJ8R2	C. RESISTOR 1/4W 8.2	1	
R7503, 04	ERJ6GEYG132	M. RESISTOR CH 1/10W 1.3K	2	
R7505	ERJ6GEYG331	M. RESISTOR CH 1/10W 330	1	
R7506	ERJ6GEYJ224	M. RESISTOR CH 1/10W 220K	1	
R7507	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7508	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	1	
R7509	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R7510	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R7511, 12	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	2	
R7513	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R7514	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	1	
R7515	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7516	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	1	
R7517	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7521-23	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	3	
R7524-26	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	3	
R7527	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R7528	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	1	
R7529	ERDS2TJ470	C. RESISTOR 1/4W 47	1	
R7532	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7533	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	1	
R7534	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7537	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
S7501-03	EVQ11G09K	SWITCH	3	[SUPPLIED FROM MBV]
S7506	EVQ11G09K	SWITCH	1	[SUPPLIED FROM MBV]
S7508, 09	EVQ11G09K	SWITCH	2	[SUPPLIED FROM MBV]
S7512-14	EVQ11G09K	SWITCH	3	[SUPPLIED FROM MBV]
VG7501	EGRHA010A54R	V. CAPACITOR 50K	1	
X7501	VXS0608	CRYSTAL OSCILLATOR	1	
X7502	VXS0094	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMD2247	IR RECEIVER HOLDER	1	
	VJF1148	FIP HOLDER	1	
	VMD1047	LED SPACER	3	
	■ VEP07957F	TIMER C.B.A.		[SUPPLIED FROM MBV] (RTL) NV-HD625EC
C7501	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C7502	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7503	ECAGJM221	E. CAPACITOR 6.3V 220U	1	
C7504	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C7507	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7508	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C7509	ECEATHKA100	E. CAPACITOR 50V 10U	1	
C7510, 11	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7514	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7515, 16	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7519, 20	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C7521	ECAGJKA470	E. CAPACITOR 6.3V 47U	1	
D7501	MA723-VT	DIODE	1	
D7502	MA4220-L	DIODE	1	
D7503-05	1SS254	DIODE	3	
D7509	HLMF-D205	DIODE	1	[SUPPLIED FROM MBV]
D7513, 14	SLR932AVA	DIODE	2	[SUPPLIED FROM MBV]
D7516	1SS254	DIODE	1	
D7518	1SS254	DIODE	1	
D7527	1SS254	DIODE	1	
D7529-31	1SS254	DIODE	3	
D7533-36	1SS254	DIODE	4	
DP7501	VSL0468	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
IC7501	PST7023	IC	1	
IC7502	S80743AL	IC	1	
IC7503	M37507V6AJ	IC	1	[SUPPLIED FROM MBV]
IR7501	RPM-6937-V11	IC	1	[SUPPLIED FROM MBV]
K7504	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
PP7501	VJP3405A011W	CONNECTOR (MALE) 11P	1	

INTERNAL REFERENCE CODES

Note: This chart is only for internal reference.

Do not order any parts according to these codes.

P.C.B.	FILM CODE
MAIN	HOAO02-06B97
LUMINANCE & CHROMINANCE	HOAO00-03D95
HIFI AUDIO	HOAO00-04644
INPUT/OUTPUT	HOAO00-03D96
TIMER SYUGO	HOAO00-0393A
TV DEMODULATOR	HOAO00-07801
DECODER(EG/EGH/EGM)	HOAO01-07784
NICAM DECODER(B/EC)	HOAO00-07787
POWER	HOAO02-01763
HEAD AMP	HOAO00-05349
CYLINDER DRIVE	HOAO01-00V01
LOADING MOTOR	HOAO00-00S75

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