ORDER NO. VRD8907M147

Service Manual

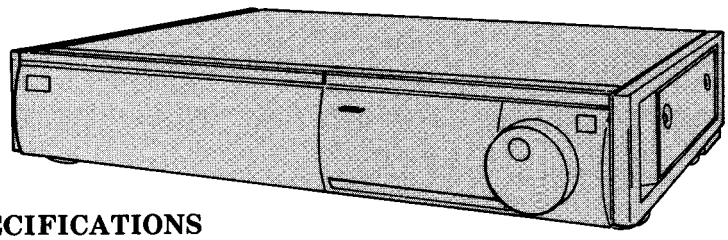
Video Cassette Recorder

Panasonic S-VHS VHS PAL 625

Hi-Fi HQ

NV-FS100

General Description
Adjustment Procedures
Block / Schematic Diagrams
Exploded Views / Parts List



SPECIFICATIONS

ITEM	SPECIFICATION		ITEM	SPECIFICATION
POWER	SOURCE: 220V 50/60Hz		AUDIO	HEAD: 1 Stationary head (Normal Audio) 2 rotary heads (Hi-Fi 2CH)
	CONSUMPTION: 42 watts (NV-FS100EG) 41 watts (NV-FS100EI)			INPUT: AUDIO IN Connector (Phono type) More than −10dBV (316mV), more than 50kΩ EURO AV Connector (21 pin) More than −10dBV (316mV), more than 10kΩ MICROPHONE JACK −70dBV
RECORDING SYSTEM	2 rotary heads, helical scanning system			OUTPUT: AUDIO OUT Connector (Phono type) −8dBV (400mV), Less than 1kΩ EURO AV Connector (21 pin) −6dBV (500mV), Less than 1kΩ HEAD PHONE Jack −30dBV, 8Ω
	PAL			TRACK: 1 track (Normal-mono only) 2 channels (Hi-Fi Sound-Stereo)
TV TUNER SYSTEM	NV-FS100EG	VHF I: CHE2~CHE4 VHF III: CHS4~CHE12 VHF H: CHS11~CHS20 (PAL/SECAM B) 75Ω unbalanced UHF: CH21~CH69 (PAL/SECAM G) 75Ω unbalanced	TAPE FORMAT	S-VHS, VHS Cassette tape (Tape width 12.7mm)
	NV-FS100EI	VHF I: CHA~CHH VHF III: CHS4~CHH2 VHF H: CHS11~CHS41 (PAL/SECAM B) 75Ω unbalanced UHF: CH21~CH69 (PAL/SECAM G) 75Ω unbalanced	TAPE SPEED	SP: 23.39mm/s LP: 11.695mm/s Record/Playback Time: SP: 4 hours with 240min. type tape LP: 8 hours with 240min. type tape FF/REW Time 3.0min. with 180min. type tape
RF OUT SYSTEM	UHF: CH36±4 (PAL/SECAM G) 73^{+2}_{-3}dBμ, 75Ω terminated		DIMENSIONS	430(W)×109(H)×404(D)mm
VIDEO	HEADS: 4 rotary heads 1 pair for SP recording, playback and trick play (L-R heads) 1 pair for LP recording, playback and trick play (L′-R′ heads), 1 flying erase head		WEIGHT	7.0kg
	INPUT: VIDEO IN Connector (BNC type) 1.0Vp-p, 75Ω terminated EURO AV Connector (21 pin) 1.0Vp-p, 75Ω terminated S-VIDEO IN Connector (4P) Y: 1.0Vp-p, 75Ω unbalanced C: 0.3Vp-p, 75Ω unbalanced		STANDARD ACCESSORIES	1 pc. DIN-RE Cable 1 pc. Infra-red remote controller 2 pc. Audio Cables 1 pc. Digital Scanner 1 pc. Programme sheet 1 pc. AC Mains Lead 1 pc. 4P Cable
	OUTPUT: VIDEO OUT Connector (BNC type) 1.0Vp-p, 75Ω terminated EURO AV Connector (21 pin) 1.0Vp-p, 75Ω terminated S-VIDEO OUT Connector (4P) Y: 1.0Vp-p, 75Ω unbalanced C: 0.3Vp-p, 75Ω unbalanced			

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

Panasonic

Matsushita Electric Industrial Co., Ltd.
Central P.O. Box 288, Osaka 530-91, Japan

INTRODUCTION

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

Section 1 presents you with some general information of features and controls, enabling you to become familiar with each function.

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

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

Section 3 contains block diagrams which offers you 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.

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REMARKS:
1. It is possible to receive, record and playback colour broadcasts from East Germany (DDR) on this video recorder.
2. When a video tape that was recorded with a colour TV broadcast from East Germany on this VTR is played back on a SECAM (France) or a PAL VTR, the picture may be in black and white.
3. When a video tape recorded on a SECAM (France) VTR or a SECAM (France) pre-recorded video tape is played back on this VTR, the picture is in black and white.

SERVICE INFORMATION

1-1. HOW TO CHECK THE CRACKED CHIP PART

(1) Apply heat to the soldered portions of chip part using a soldering iron for about 2–3 seconds.
(2) If the chip part is faulty,it will be broken or cracked.

Caution: Do not leave soldering iron on the PCB too long as damage may occur to the PCB or the chip parts.

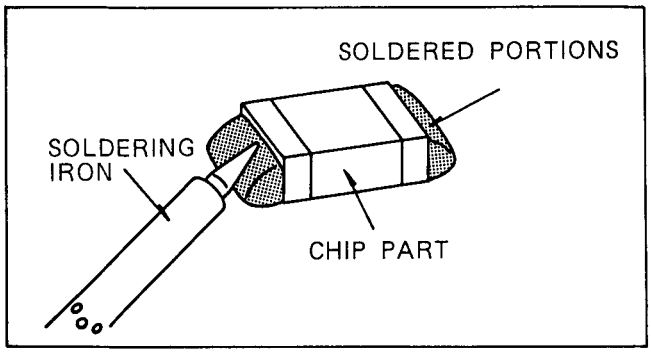


FIG. G1

Note: Regarding intermittent faults
The main causes of these faults are poor soldering and cracked chip parts.

1-2. HOW TO REPLACE THE CHIP PART

1) REMOVAL (RESISTOR, CAPACITOR, etc...)

(1) Presolder the one side of soldering portion for chip part and grasp the chip part by tweezers.

(2) Melt the presoldered portion. And then remove the chip part with a twisting motion while melting the soldering portion of another side quickly.

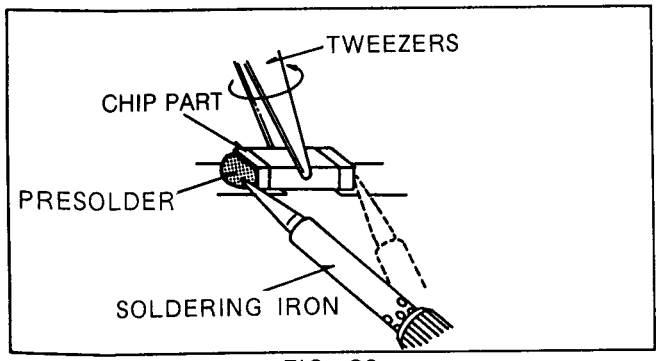


FIG. G2

2) REMOVAL (transistor, diode, etc...)

(1) Grasp the chip part with tweezers and melt the solder of one lead.

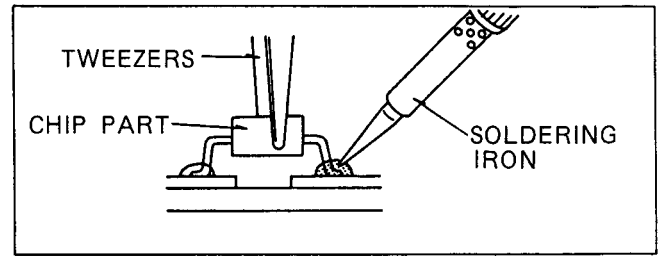


FIG. G3

(2) Lift the side of that lead upward.

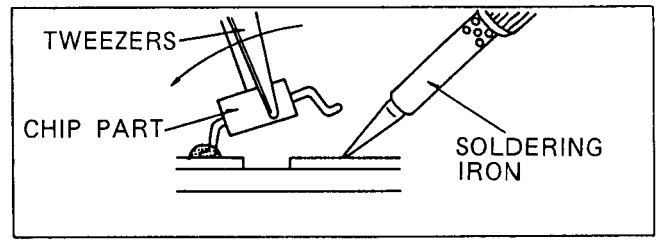


FIG. G4

Caution: Do not lift the chip part too high as damage may occur to the PCB or the leads that are still soldered on the PCB.

(3) Simultaneously heat the solder of the two remaining leads and lift part to remove.

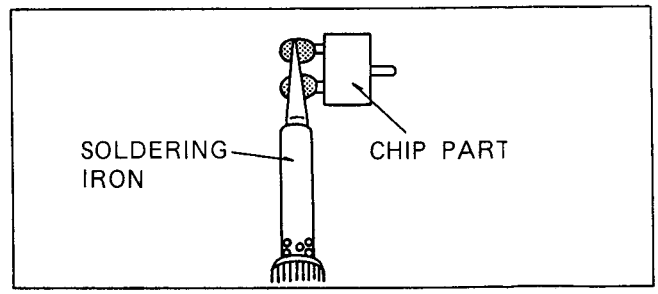


FIG. G5

3) INSTALLATION

(1) Presolder the one side of contact point on the circuit board.

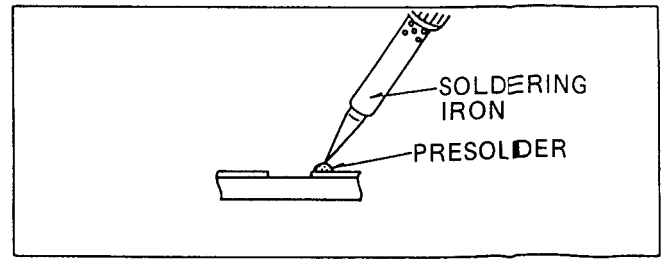


FIG. G6

(2) To install the chip part,hold in position using tweezers, apply heat to the pre-soldered portions using a fine tip soldering iron.
(3) Solder the other side of the chip part.
(4) Check your soldering.

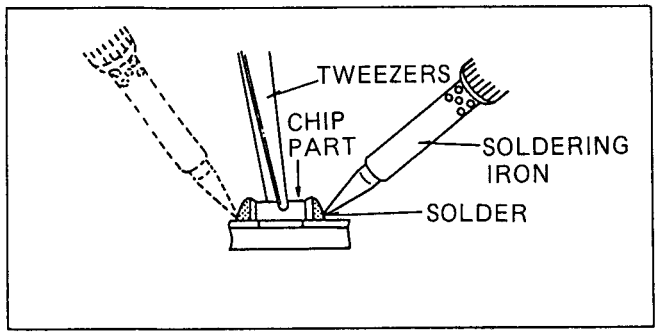


FIG. G7

1-3. HOW TO REMOVE THE FLAT-IC

(WITH HOT-AIR FLAT-IC DESOLDERING MACHINE)

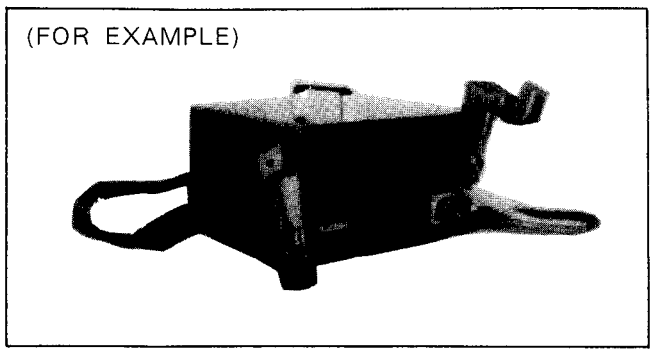


FIG. G8

(1) Prepare the HOT-AIR FLAT-IC DESOLDERING MACHINE. And then apply hot air to FLAT-IC about 5 ~ 8 seconds.

(2) Remove the FLAT-IC with tweezers while applying the hot air.

Caution: Do not supply the hot air to the chip parts around the Flat-IC for long time as as damage may occur to the chip parts around the Flat -IC.

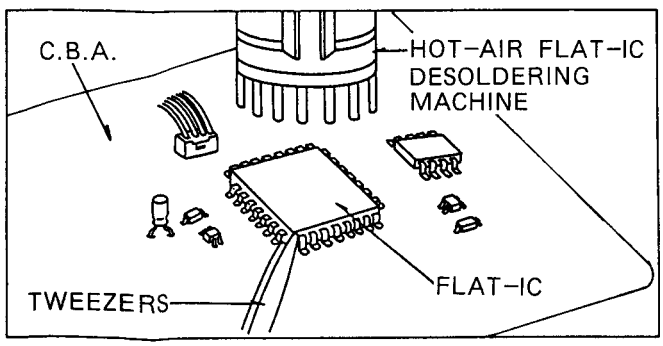


FIG. G9

(WITH SOLDERING IRON)

(1) Using solder braid remove the solder from all pins of the Flat-IC.
When you use the solder flux which is applied to all pins of the Flat-IC,you can remove it easily.

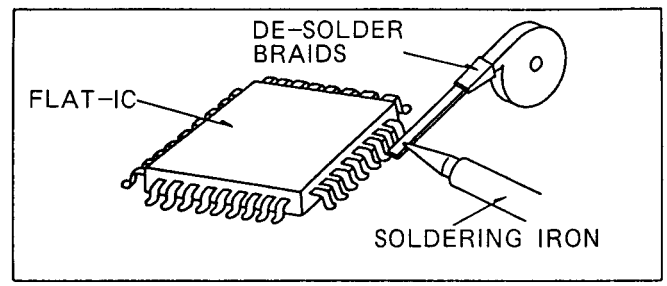


FIG. G10

(2) Lift each lead of the Flat-IC upward one by one using a sharp pin or non solder wire(iron wire),while heating the pins using a fine tip soldering iron or a hot air blower.

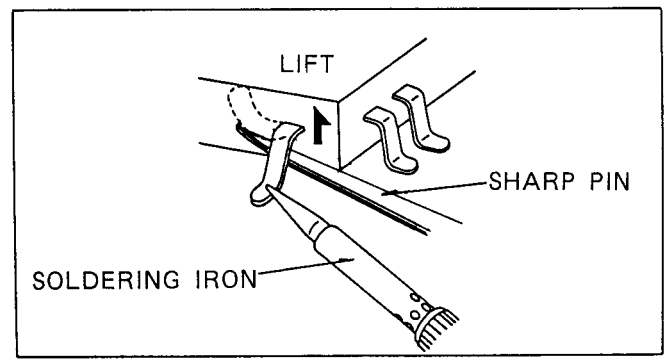


FIG. G11

(WITH IRON WIRE)

(1) Affix the wire to workbench or solid mounting point as shown in FIG.G12.
(2) Pull up wire as the solder melts so as to lift the IC lead from the PCB contact pad,while heating the pins using a fine tip soldering iron or hot air blower.

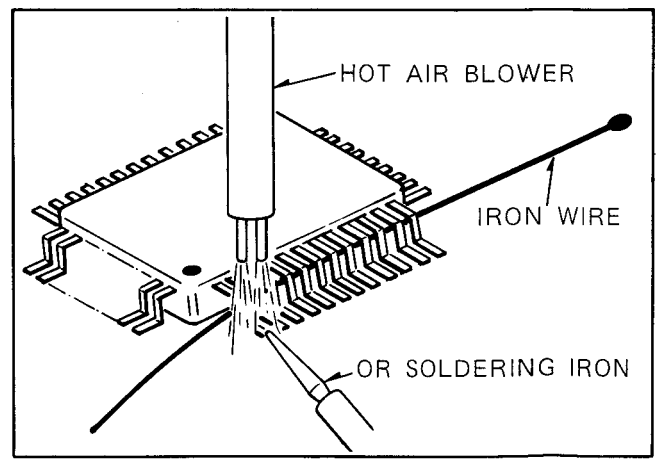


FIG.G12

Note: When using a soldering iron care must be taken to ensure that the Flat IC is not being held by glue before it is the PCB may be damaged if force is used.

1-4. SERVICING THE LUMINANCE & CHROMINANCE PACK C.B.A., HQ PACK C.B.A. & SERVO PACK C.B.A.

When servicing the luminance/chrominance pak C.B.A.,HQ pack C.B.A. and Servo pack C.B.A.,connections of extension cables are necessary as shown below.

PART NO	PART NAME	PCS	CONNECTION
VFK0582	8P EXTENSION CABLE	1	PK3021－PK3021
VFK0583	9P EXTENSION CABLE	1	PK2204－PK2204
VFK0584	11P EXTENSION CABLE	2	PK2203－PK2203, PK3013－PK3013
VFK0585	12P EXTENSION CABLE	2	PK3011－PK3011, PK3012－PK3012
VFK0586	15P EXTENSION CABLE	3	PK2201－PK2201, PK2202－PK2202, PK3022－PK3022

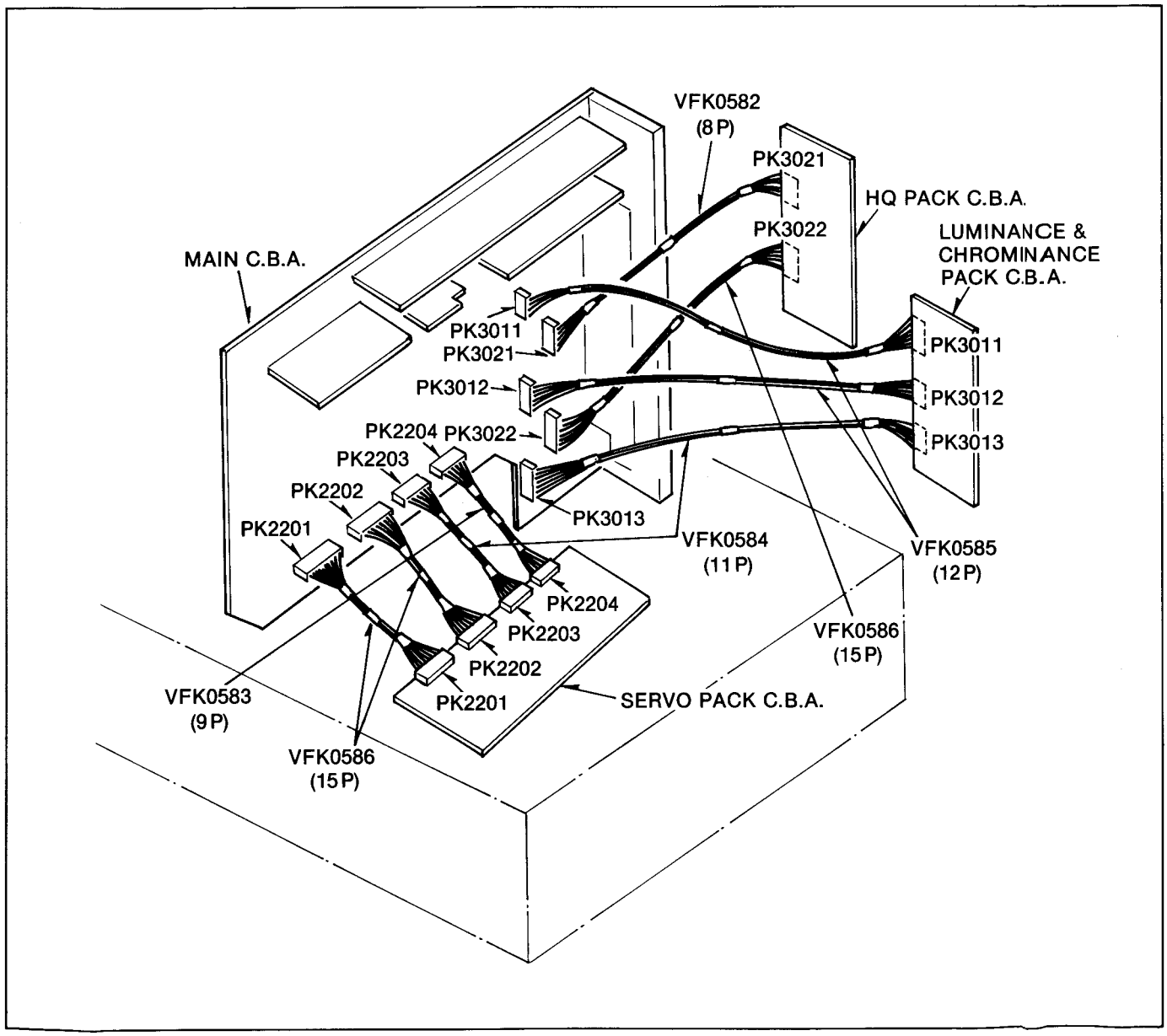
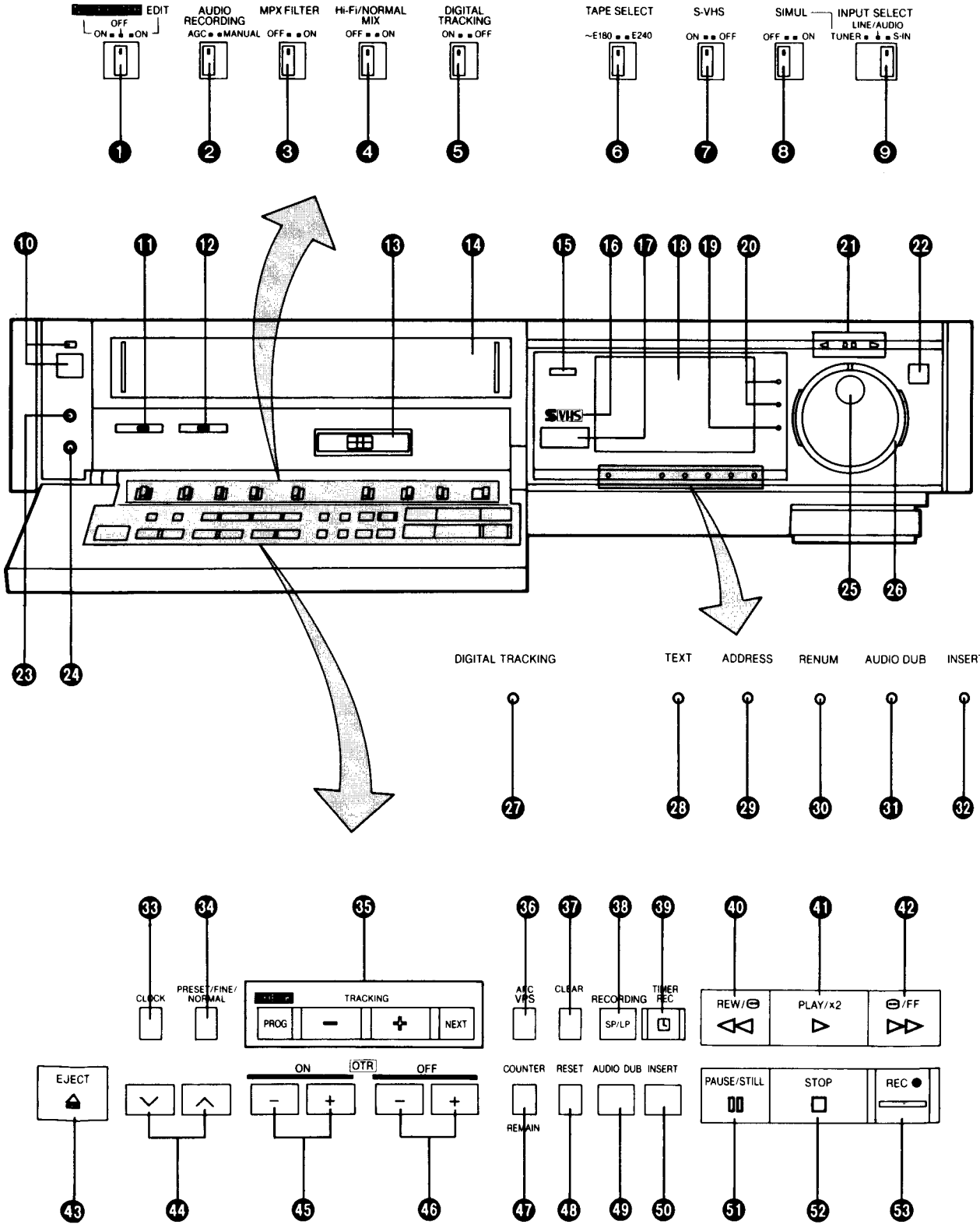


Fig.S1

SECTION 1
GENERAL DESCRIPTIONS

1-1. CONTROLS AND COMPONENTS

FRONT



❶ Noise Filter/Edit Selector

❷ Audio Rec Level Control Selector

❸ MPX Filter Switch

❹ Hi-Fi/Normal Mix Switch

❺ Digital Tracking Selector

❻ Tape Select Switch

❼ S-VHS Selector

❽ Simulcast Switch

❾ Input Signal Selector

❿ VTR On/Off Switch with Indicator

⓫ Headphones Output Level Control

⓬ Picture Sharpness Control

⓭ Audio Rec Level Controls

⓮ Cassette Compartment

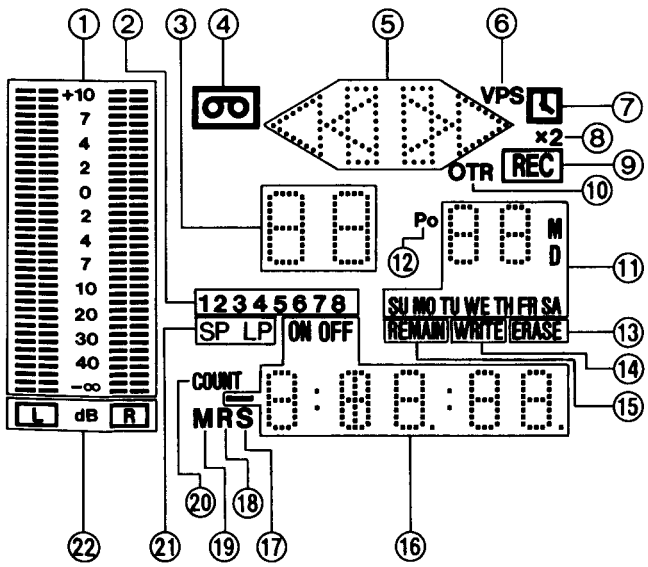
⓯ Control Panel Open Button

⓰ S-VHS Indicator

⓱ Infra-red Remote Control Receiver

⓲ Multi-Function Display

Multi-Function Display



① Audio Level Meter

② Timer Programme Number

③ Channel Display

④ Cassette-in Indicator

⑤ Tape Running Display

⑥ VPS Indicator

⑦ Timer Recording Indicator

⑧ Double Speed Indicator

⑨ Recording Indicator

⑩ OTR Indicator

⑪ Date Display

⑫ Position Indicator

⑬ Erase Indicator

⑭ Write Indicator

⑮ Remaining Tape Time Indicator

⑯ Tape Counter Indicator

⑰ Search Indicator

⑱ Repeat Indicator

⑲ Memory Indicator

⑳ Counter Mode Indicator

㉑ Tape Speed Indicator

㉒ Audio Playback Mode Indicators

⓳ Simulcast Indicator

⓴ Audio Recording Mode Indicators

㉑ Jog/Shuttle Indicator

㉒ Jog/Shuttle Button

㉓ Microphone Input Socket

㉔ Headphones Socket

㉕ Jog Dial

㉖ Shuttle Ring

㉗ Digital Tracking Indicator

㉘ Text Indicator (NV-FS100EG)

㉙ Address Indicator

㉚ Renumber Indicator

㉛ Audio Dubbing Indicator

㉜ Insert Editing Indicator

㉝ Clock Button

㉞ Preset/Fine/Normal Button

Channel Indication	TV Channel
2–12	*E2–E12
13–20	A–H (NV-FS100EI)
21–69	21–69
74–76	———
80–82	———
83–89	S4–S10
90–99	S11–S20
121–141	S21–S41 (NV-FS100EI)

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

㉟ Timer Controls

㊱ AFC/VPS Button

㊲ Clear Button

㊳ Tape Speed Button

㊴ Timer Record Button

㊵ Rewind ◀◀/Review ⏪ Button

㊶ Play/×2 Button (▶)

㊷ Fast Forward ▶▶/Cue ⏩ Button

㊸ Eject Button (⏏)

㊹ Channel Selection Up and Down Buttons

㊺ OTR On Buttons

㊻ OTR Off Buttons

㊼ Counter/Remaining Tape Time Selector

㊽ Reset Button

㊾ Audio Dubbing Button

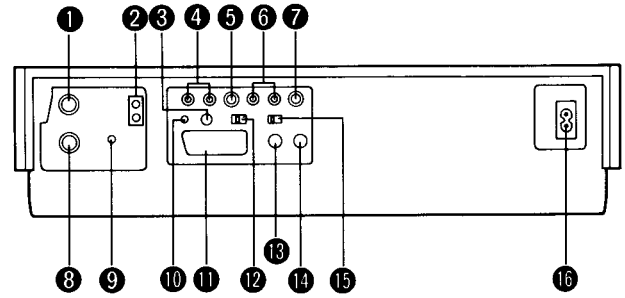
㊿ Insert Editing Button

(51) Pause/Still Button (❚❚)

(52) Stop Button (■)

(53) Record Button (●)

REAR



❶ RF Output Socket

❷ Vertical Lock Controls

❸ Editing Control Socket

❹ Audio Input Sockets

❺ Video Input Socket

❻ Audio Output Sockets

❼ Video Output Socket

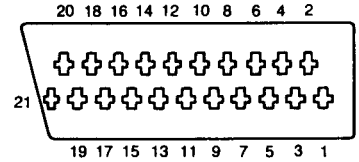
❽ RF Input Socket

❾ Video Playback Channel Selector

❿ Synchro Edit Socket

⓫ Euro AV Socket

Connections of the Euro AV Socket



NOR

1 AUDIO OUTPUT CH2 (R)	12 No connection
2 AUDIO INPUT CH2 (R)	13 No connection
3 AUDIO OUTPUT CH1 (L)	14 No connection
4 AUDIO GND	15 No connection
5 No connection	16 No connection
6 AUDIO INPUT CH1 (L)	
	17 VIDEO GND
7 No connection	18 No connection
8 SWITCHING VOLTAGE	19 VIDEO OUTPUT
9 No connection	20 VIDEO INPUT
10 No connection	21 GND
11 No connection	

Y/C

1 AUDIO OUTPUT CH2 (R)
2 AUDIO INPUT CH2 (R)
3 AUDIO OUTPUT CH1 (L)
4 AUDIO GND
5 No connection
6 AUDIO INPUT CH1 (L)
7 No connection
8 SWITCHING VOLTAGE
9 No connection
10 No connection
11 No connection
12 No connection
13 No connection
14 No connection
15 C OUT
16 No connection
17 VIDEO GND
18 No connection
19 Y OUT
20 VIDEO INPUT
21 GND

⑫ Normal/Y/C Selector

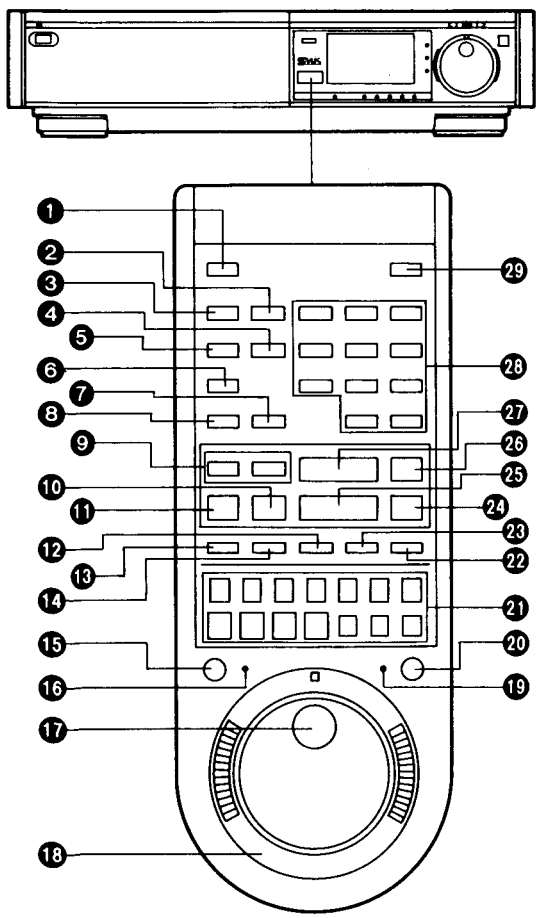
⑬ S-Video Input Socket

⑭ S-Video Output Socket

⑮ Comb Filter/Test Signal Switch

⑯ AC Mains Lead Socket

1-2. INFRA-RED REMOTE CONTROLLER & DIGITAL SCANNER



① VTR On/Off Button

② Clock Counter Selector

③ Audio Output Selector

	Playback of Programmes Recorded on this VTR (or another VHS Hi-Fi Video Recorder)		
	Stereo Programmes	Bilingual Programmes	Mono Programmes
STEREO	Left+Right Channels(Stereo)	CH1 from Left CH2 from Right	Mono
LEFT	Left Channel	Channel 1 (Main)	Mono
RIGHT	Right Channel	Channel 2 (Sub)	Mono
NORMAL	Mono	Channel 1 (Main)	Mono

	Playback of Programmes Recorded on a Conventional VHS Stereo Video Recorder	
	Stereo Programmes	Bilingual Programmes
STEREO	———	———
LEFT	———	———
RIGHT	———	———
NORMAL	Left+Right Mixed	CH1+CH2 Mixed

④ Remaining Tape Time Button

⑤ Memory Button

⑥ Reset Button

⑦ Blank Search Button

⑧ Time Search Button

⑨ Record Buttons (●)

⑩ Rewind ◀◀/Review ⏪ Button

⑪ Pause/Still Button (❚❚)

⑫ Write Button

⑬ Index Button

⑭ Address Button

⑮ Jog/Shuttle On/Off Button

⑯ Jog/Shuttle Indicator

⑰ Jog Dial

⑱ Shuttle Ring

⑲ Channel Mode Indicator

⑳ Channel Mode On/Off Buttons

㉑ VPT Function Buttons

㉒ Renumber Button

㉓ **Erase Button**

㉔ **Fast Forward ▶▶/Cue ⏩ Button**

㉕ **Play/×2 Button (▶)**

㉖ **Still Advance Button (⏸)**

㉗ **Stop Button (■)**

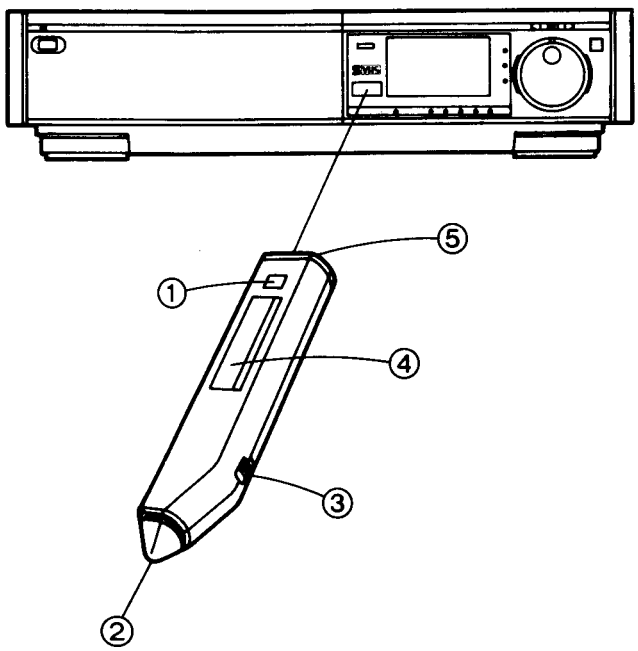
㉘ **Programme Position (Channel) Selector Buttons**

㉙ **Monitor Button**

Note:

㉑ **VPT Function Buttons (NV-FS100EG)**

Use these buttons when the optional VPT Adaptor is connected for use of the video programming teletext function. For the operation, refer to the operating instructions of the optional VPT Adaptor.

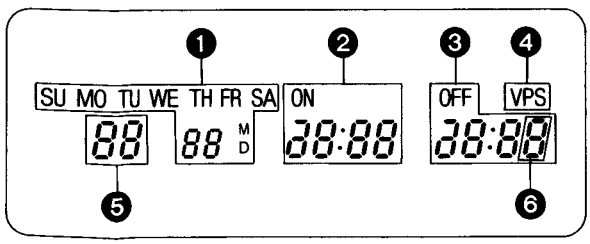


① **Transmit Button**

② **Bar Code Reading Section**

③ **Digital Scanner On/Off Switch**

④ **Bar Code Reader Display**



❶ Date Display

❷ Start Time Display

❸ End Time Display

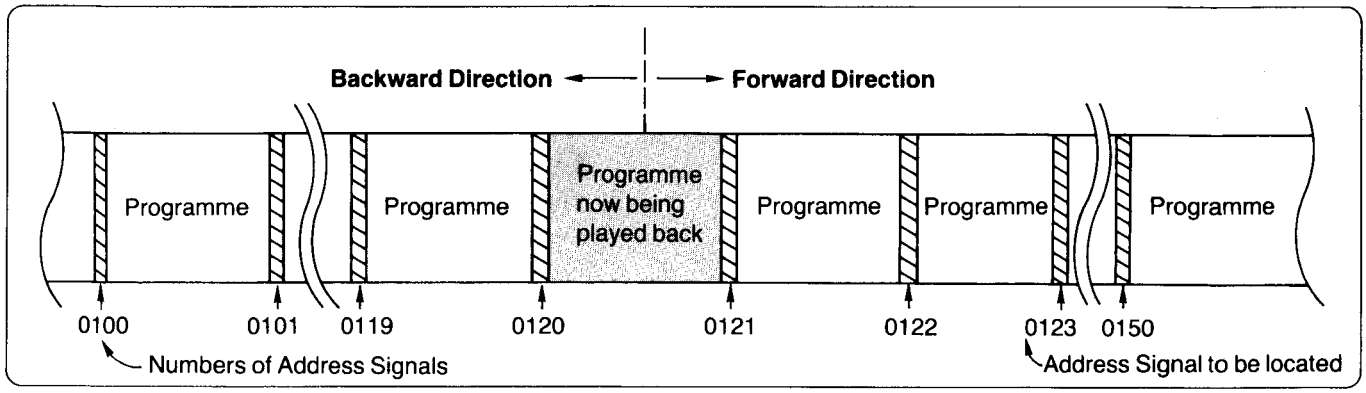
❹ VPS Indicator

❺ Channel Display

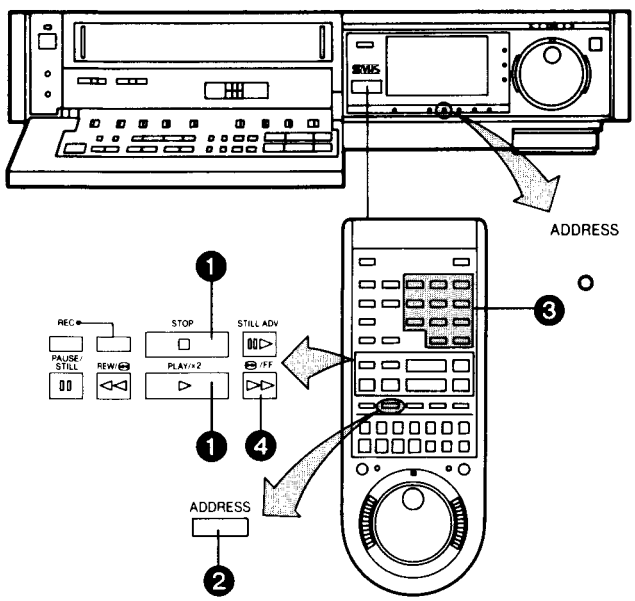
❻ Check Indicator

⑤ **Transmitting Section**

1-3. VHS ADDRESS SEARCH SYSTEM



A desired tape position can quickly be accessed by inputting the number of the corresponding Address Signal.



Inputting the Number of the Address Signal

Example: Inputting the Address Signal "0123"

1. Press the Stop Button or the Play/×2 Button.
2. Press the Address Button.
   The Address Indicator on the VTR lights up.
3. Input the number of the Address Signal of the desired tape position with the Programme Position Selector Buttons.
4. Press the Fast Forward ▶▶/Cue ⏩ Button to start the search for the desired tape position.
   - To stop the interrupt the Address Signal Search function, press the Play/×2 Button or the Stop Button.
   - To search for an Address Signal in reverse direction, press the Rewind ◀◀/Review ⏪ Button.

During the VHS Address Signal Search

- Whenever an Address Signal is passed, its number will be indicated.
- When the selected Address Signal is reached, playback will start automatically.
- The fast forwarding or rewinding speed will be slightly slower than normal.

When starting the VHS Address Signal Search from the Still Playback Mode

When the selected Address Signal is reached, a still picture will be reproduced.

- In this case, the Multi-Function Display will not change back to the tape counter indication.
  To switch over to the tape counter indication, press the Address Button.

When the selected Address Signal Cannot Be Found

- When the tape reaches its end during the VHS Address Signal Search in forward direction, the Multi-Function Display changes back to the tape counter indication and the tape will be rewound automatically.
- When the tape reaches its end during the VHS Address Signal Search in reverse direction, the Address Indication will remain displayed and the tape will be stopped.

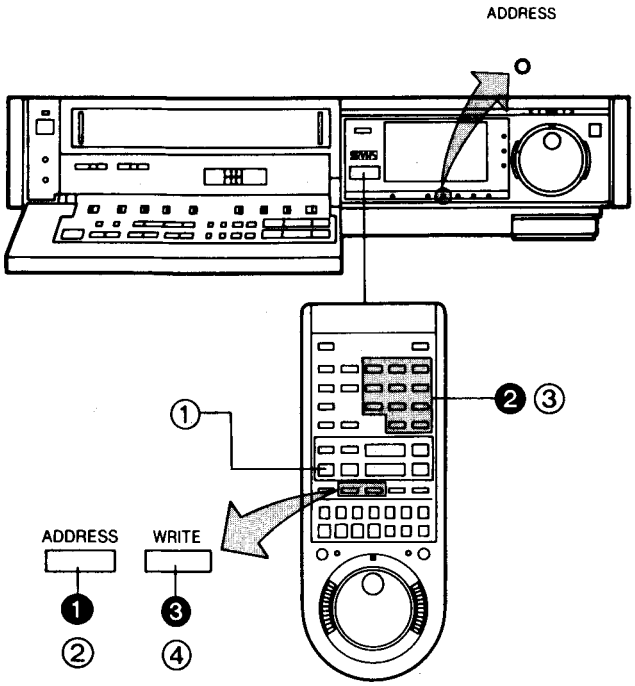
Finding out the Address Signal Number of a Certain Scene

Press the Address Button during fast-forwarding or rewinding of the tape.

- Whenever an Address Signal is passed, its number will be indicated in the Multi-Function Display.
- To change back to the tape counter indication, press the Address Button once more.
- When the Address Number "0000" is written on the tape, playback will start at the position.

Writing Address Signals

Address Signals can be written both during recording and playback.



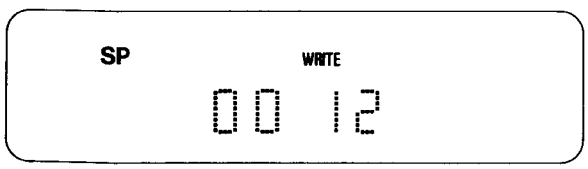
Writing Address Signals during Recording

Example: Writing Address Signal "0012".

❶ Press the Address Button. The Address Indicator on the VTR will flash.

❷ Input the desired number with the Programme Position Selector Buttons.

❸ Press the Write Button at the tape position which you want to mark with the set number.



- To change back to the tape counter indication, press the Address Button once more.
- When writing an Address Signal while the VTR is in the recording pause mode, the pause mode will be cancelled, the recording will start and an Address Signal will be written.
- While an Address Signal is being written, the Write Indicator flashes for several seconds.

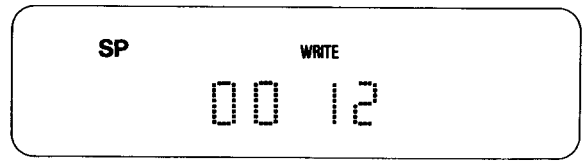
Writing Address Signals during Playback

① Press the Pause/Still Button at the tape position, which you want to mark with an Address Signal. The VTR is in the Still Playback mode.

② Press the Address Button.
The Address Indicator on the VTR will flash.

③ Input the desired number with the Programme Position Selector Buttons.

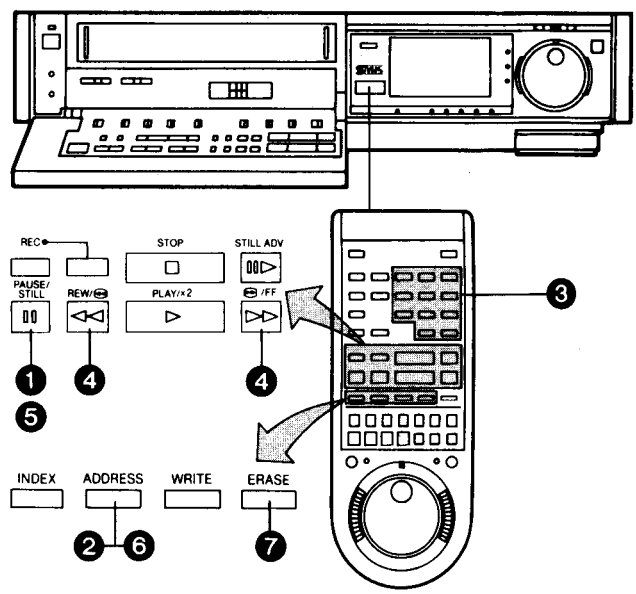
④ Press the Write Button.



- While an Address Signal is being written, the Write Indicator flashes for several seconds.
- After the writing of the Address Signal is finished, the Multi-Function Display will change back to the tape counter indication.

- While the Write Indicator is flashing, no other functions are operable, and the sound on the normal sound track will be blanked for this duration.
- If the erasure prevention tab of the cassette is broken out, it is not possible to write Address Signals.
- Address Signals must be spaced at least 2 minutes in normal playback time.

Erasing Unnecessary Address Signals



❶ Press the Pause/Still Button while the VTR is in the playback mode.

❷ Press the Address Button.

❸ Input with the Number Buttons the number of the Address signal that you want to erase.

❹ Press the Fast Forward or the Rewind Button. When the designated Address signal is reached, the VTR changes over to playback.

❺ Press the Pause/Still Button to put the VTR in the Still Playback mode.

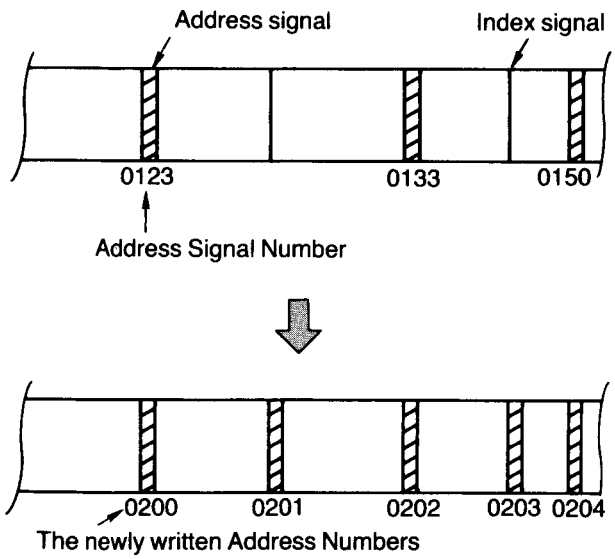
❻ Press the Address Button.

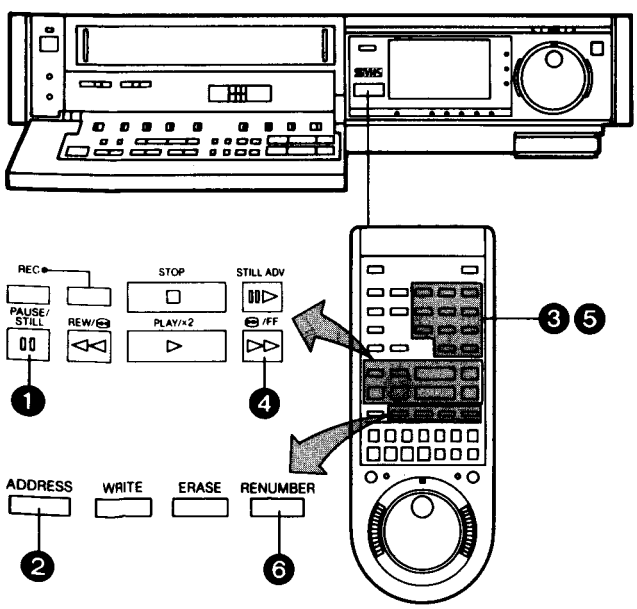
❼ Press the Erase Button.

- When the erasing is completed, the playback will continue.

Renumbering the Address Signals

It is possible to automatically and continuously renumber all Index and Address Signals on a tape starting with any desired number.





Example:
Changing all recorded Address Signals starting with the number "0123" (and all Index Signals) to new Address Signals starting with "0200".

❶ Press the Pause/Still Button during playback to change the VTR over to the Still Playback Mode.

❷ Press the Address Button.

❸ Use the Programme Position Selector Buttons to select the Address Number to be located ("0123").

❹ Press the Fast Forward ▶▶/Cue ⏩ Button to start the search.

❺ Input the new Address Number "0200" with the Programme Position Selector Buttons.

❻ Press the Renumber Button.

After Renumbering the Address Signals

- Such operations as fast-forward and rewinding should always be continued to the end of the tape.
- When the tape reaches its end, the tape will be rewound automatically.
- To interrupt the renumbering operation, press the Play/×2 Button or the Stop Button.

- During the renumbering operation, the Write Indicator flashes and no other functions are operable. Also, the sound on the normal sound track will be blanked for the duration of the flashing.
- If the erasure prevention tab of the cassette is broken out, the renumbering is not possible.

SECTION 2
ADJUSTMENT PROCEDURES

2-1. DISASSEMBLY METHOD

2-1-1. DISASSEMBLY FLOW CHART

This flowchart indicates disassembly steps of the cabinet parts and the circuit boards in order to find the necessary irems for servicing.

When reassembling, perform the steps in the reverse order.

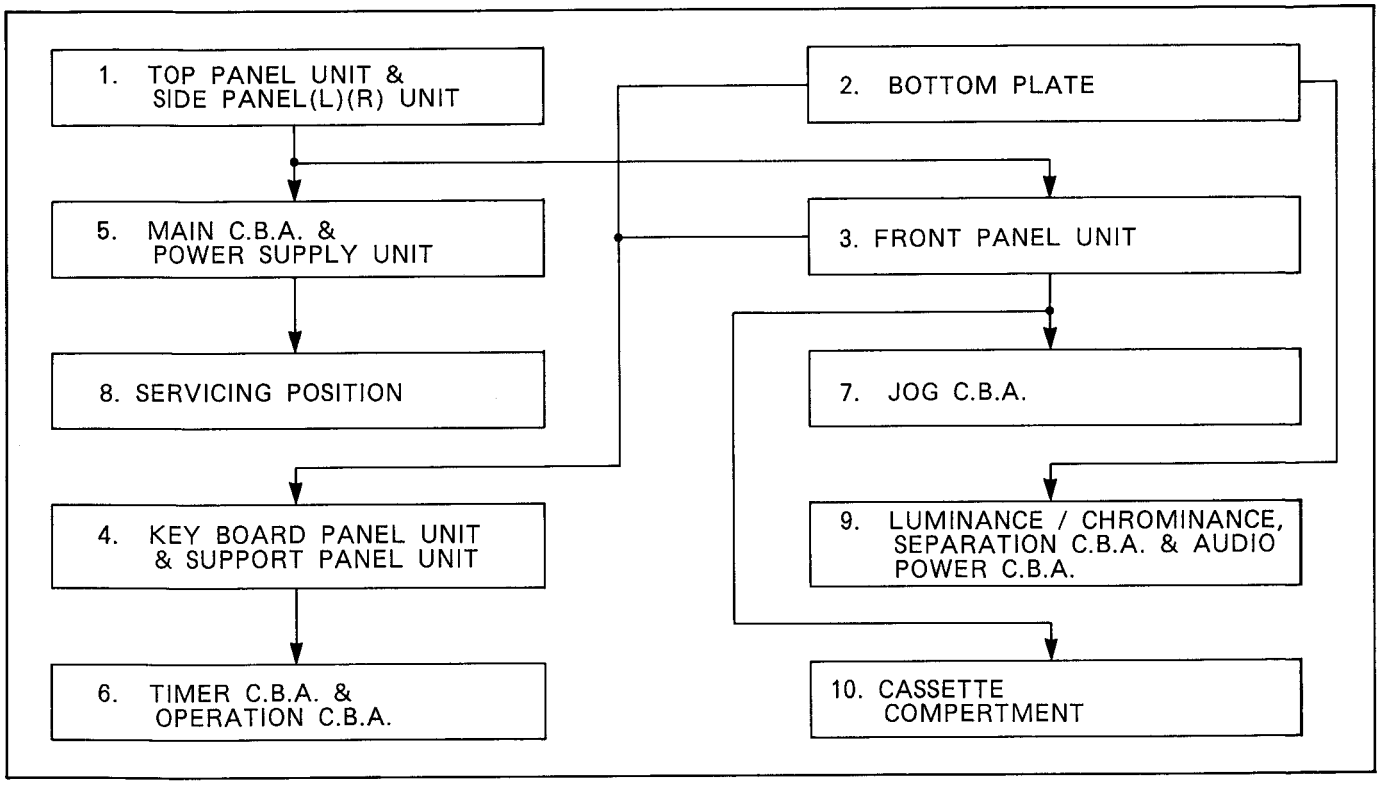


Fig. D1

2-1-2. DETAIL OF DISASSEMBLE METHOD

1. REMOVAL OF THE TOP PANEL UNIT & SIDE PANEL (L),(R) UNIT

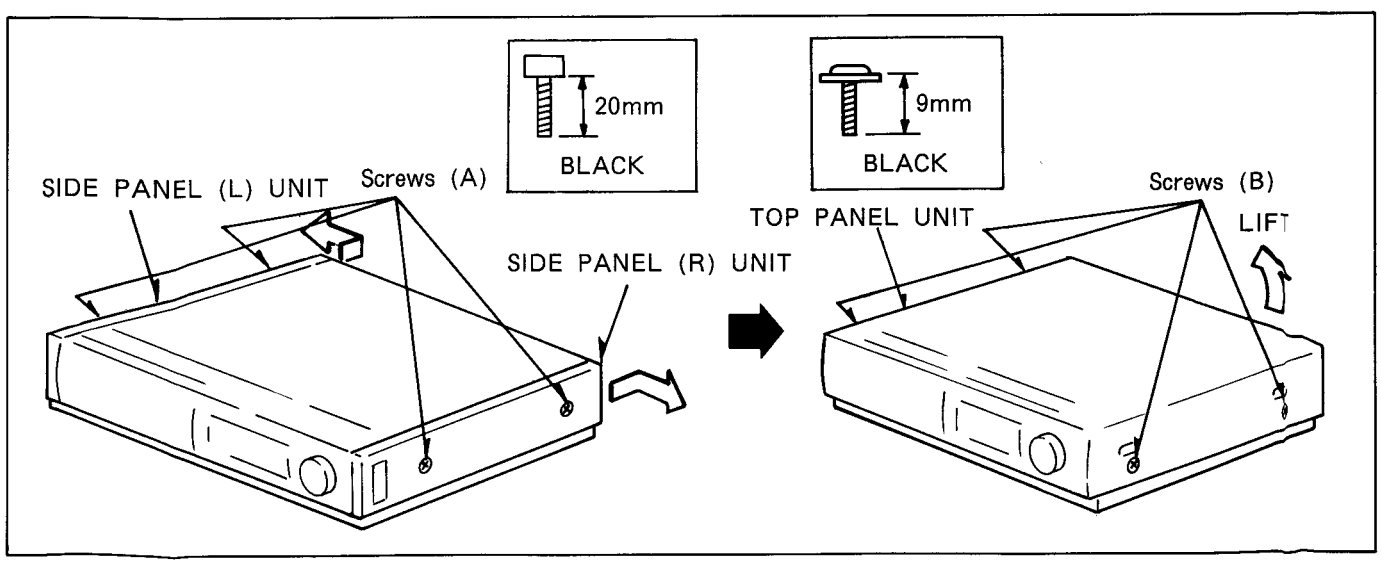


Fig. D2

Remove ... 4 Screws (A)
Remove ... 4 Screws (B)

2. REMOVAL OF THE BOTTOM PLATE

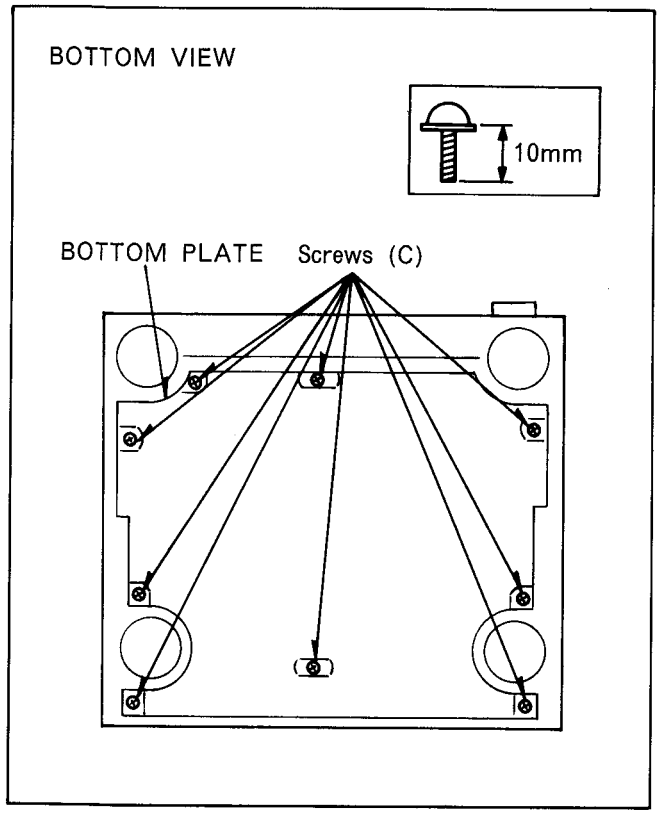


Fig.D3

Remove ... 9 Screws (C)

3. REMOVAL OF THE FRONT PANEL UNIT

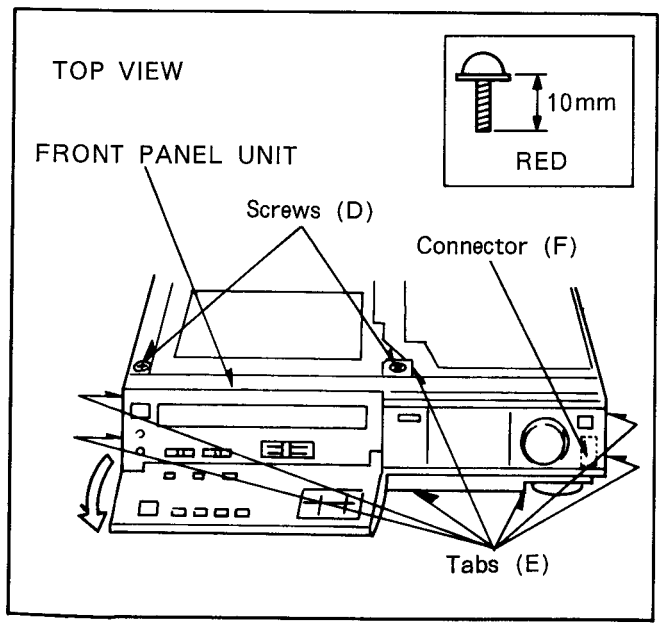


Fig. D4

Remove ... 2 Screws (D)
Unlock ... 7 Tabs (E)
Disconnect ... Connector (F)

4. REMOVAL OF THE KEY BOARD PANEL UNIT AND SUPPORT PANEL UNIT

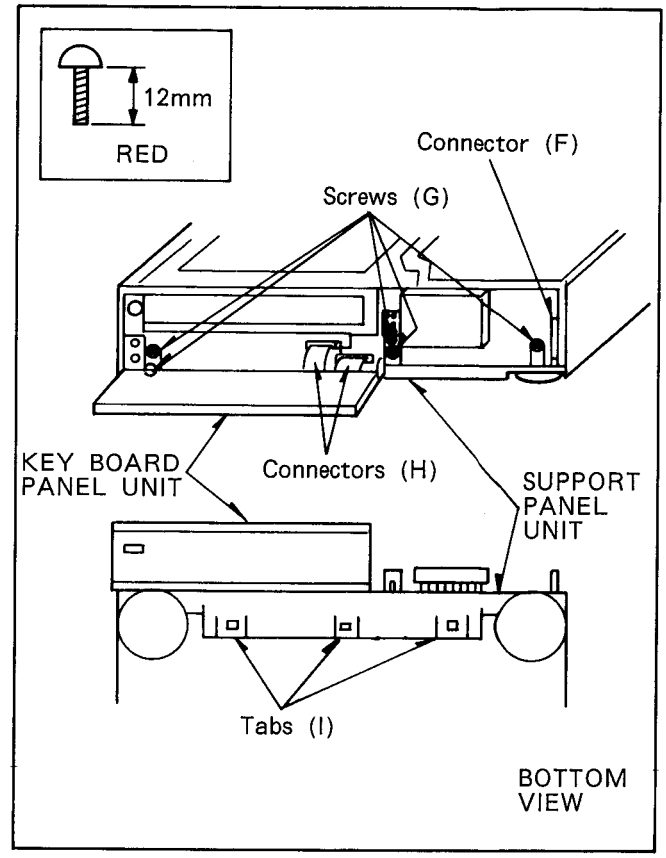


Fig. D5

Remove ... 5 Screws (G)
Disconnect ... 2 Connectors (H)
Unlock ... 3 Tabs (I)

5. REMOVAL OF THE MAIN C.B.A. AND POWER SUPPLY UNIT

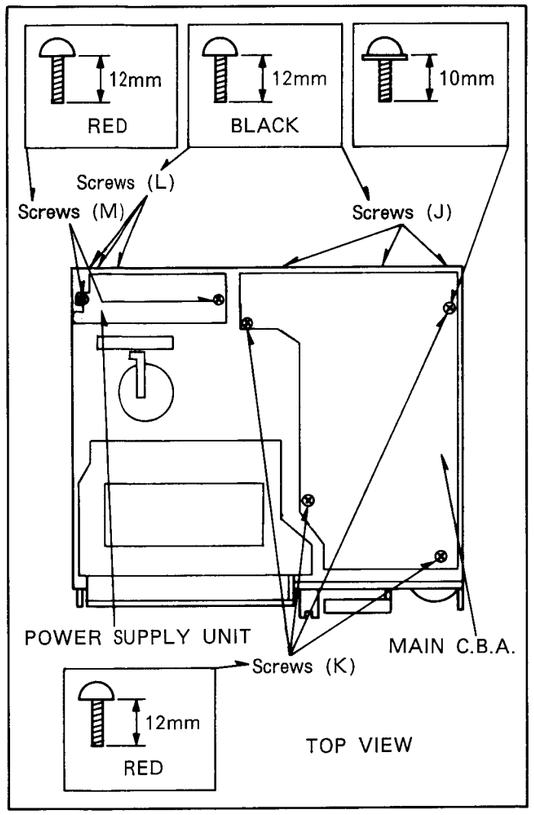


Fig. D6

REMOVAL OF THE MAIN C.B.A.

Remove ... 3 Screws (J), 4 Screws (K)

REMOVAL OF THE POWER SUPPLY UNIT

Remove ... 3 Screws (L), 2 Screws (M)

6. REMOVAL OF THE OPERATION C.B.A. and TIMER C.B.A.

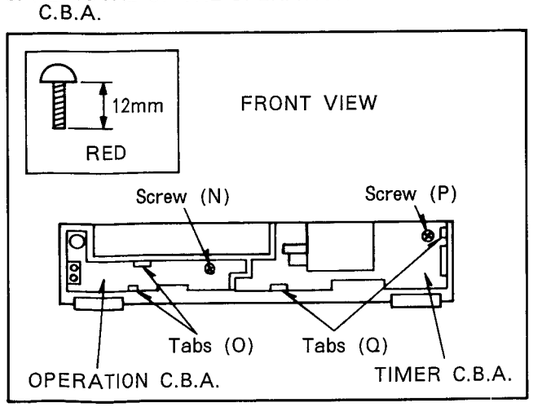


Fig. D7

REMOVAL OF THE OPERATION C.B.A.

Remove ... Screw (N)
Unlock ... 2 Tabs (O)

REMOVAL OF THE TIMER C.B.A.

Remove ... Screw (P)
Unlock ... 2 Tabs (Q)

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

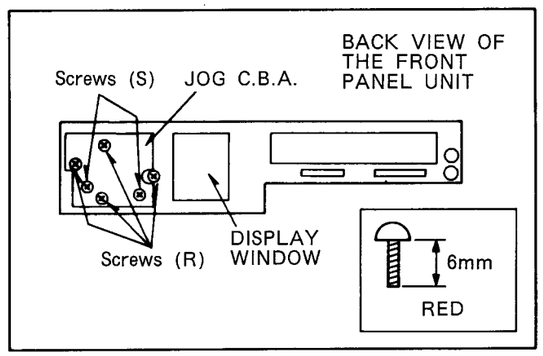


Fig. D8

Remove ... 4 Screws (R)
(2 screws (S) ... For the JOG DIAL)

8. SERVICING

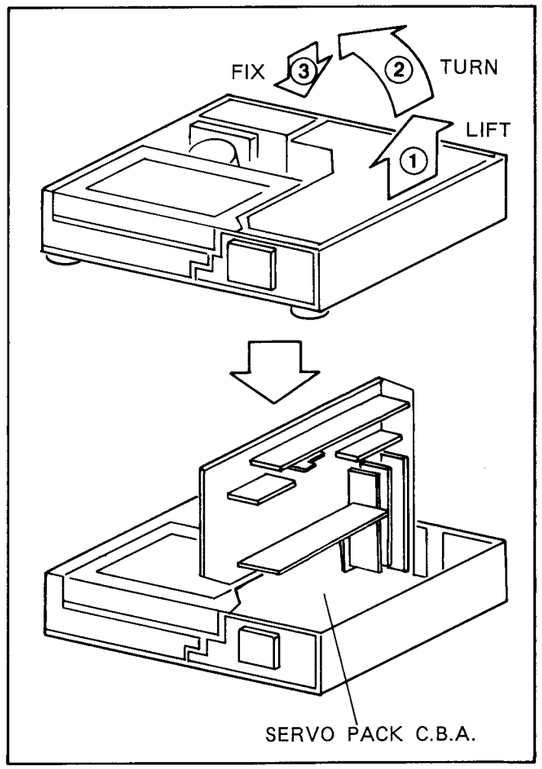


Fig. D9

9. REMOVAL OF THE LUMINANCE / CHROMINANCE SEPARATION C.B.A. & AUDIO POWER C.B.A.

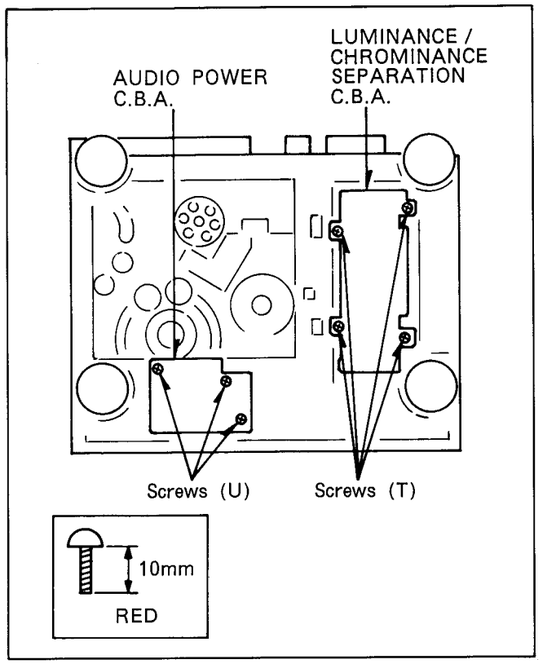


Fig. D10

REMOVAL OF LUMINANCE / CHROMINANCE SEPARATION C.B.A.

Remove ... 4 Screws (T)

REMOVAL OF AUDIO POWER C.B.A.

Remove ... 3 Screws (U)

10. REMOVAL OF THE CASSETTE COMPERTMENT

Remove 2 screws (V) and slide the cassette holder until appearing 2 screws (W) by turning (clockwise) the capstan rotor unit (located in the bottom side) and then remove 2 screws (W).
Remove the flexible wire from connector P1503 mounted on Take-up photo Tr. C.B.A., then carefully pull out the cassette compartment.

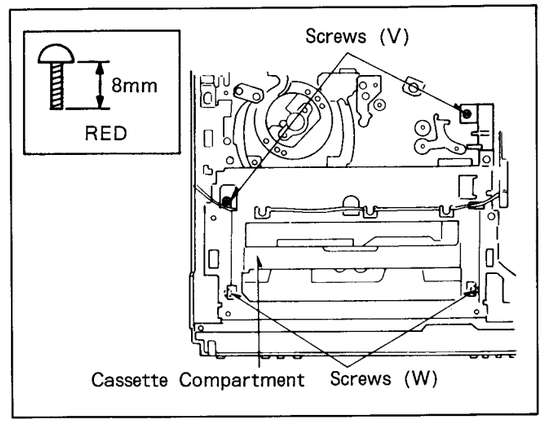


Fig. D11

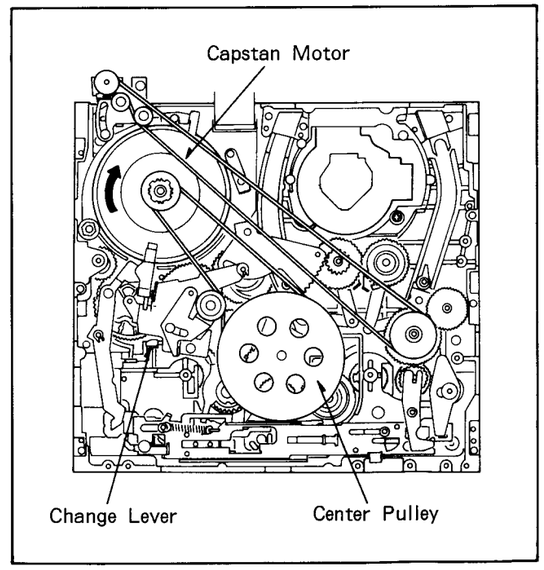
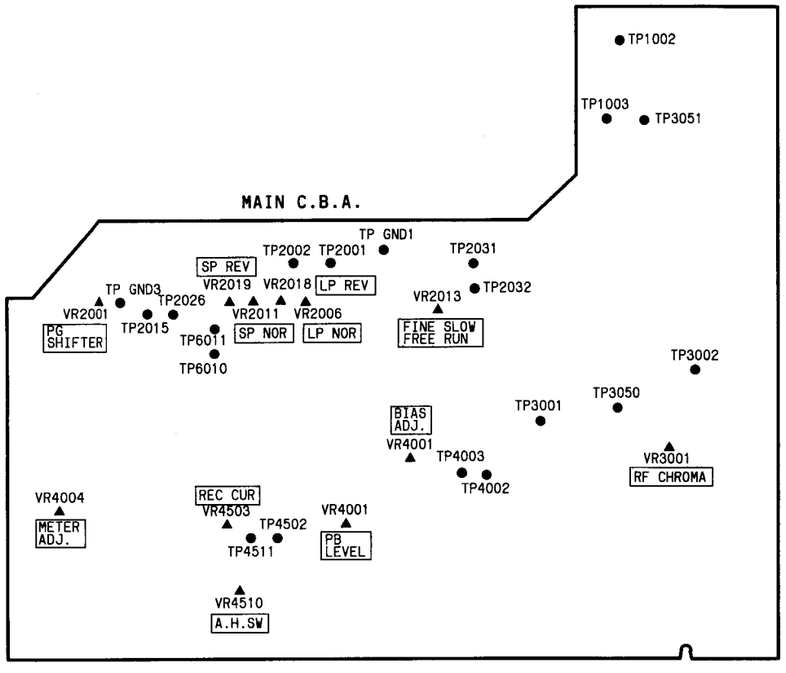


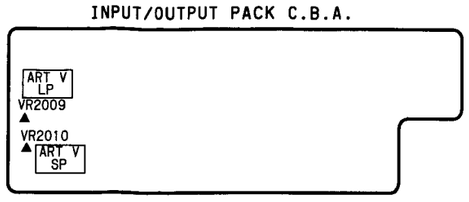
Fig. D12

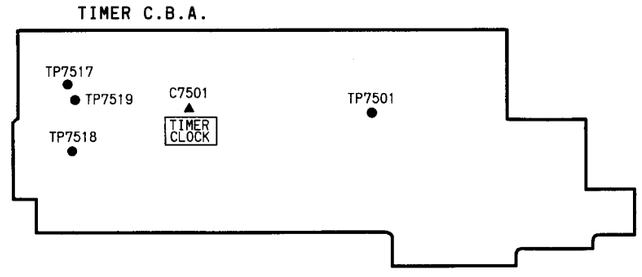
2-2. MECHANICAL ADJUSTMENT PROCEDURES

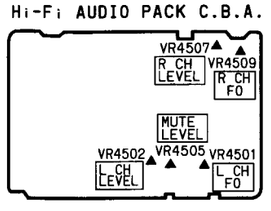
This Mechanical chassis is the same as G-II Mechanical chassis.
Therefore please refer to the service manual "G-II / G-REV" (Order No. VRD8901M101).

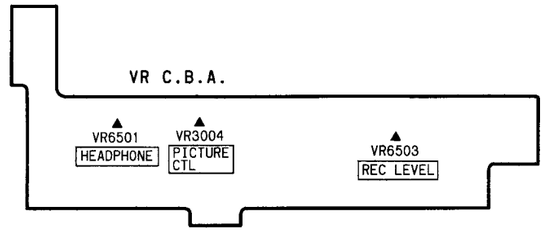
LOCATION OF TEST POINTS & CONTROLS

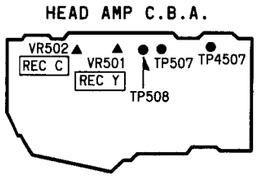


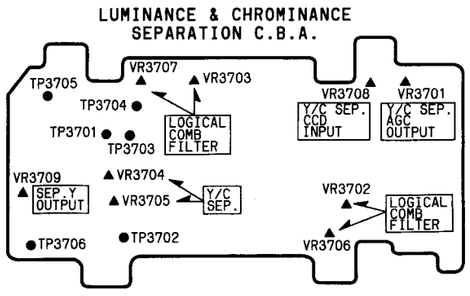


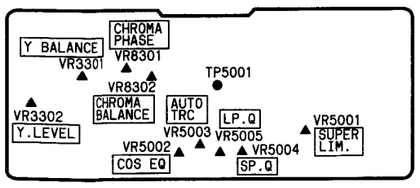


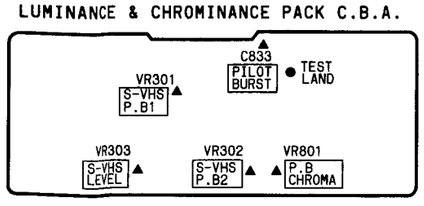


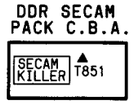


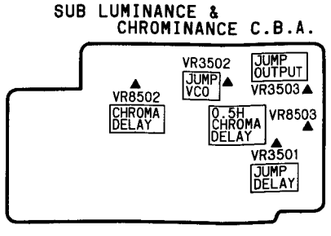




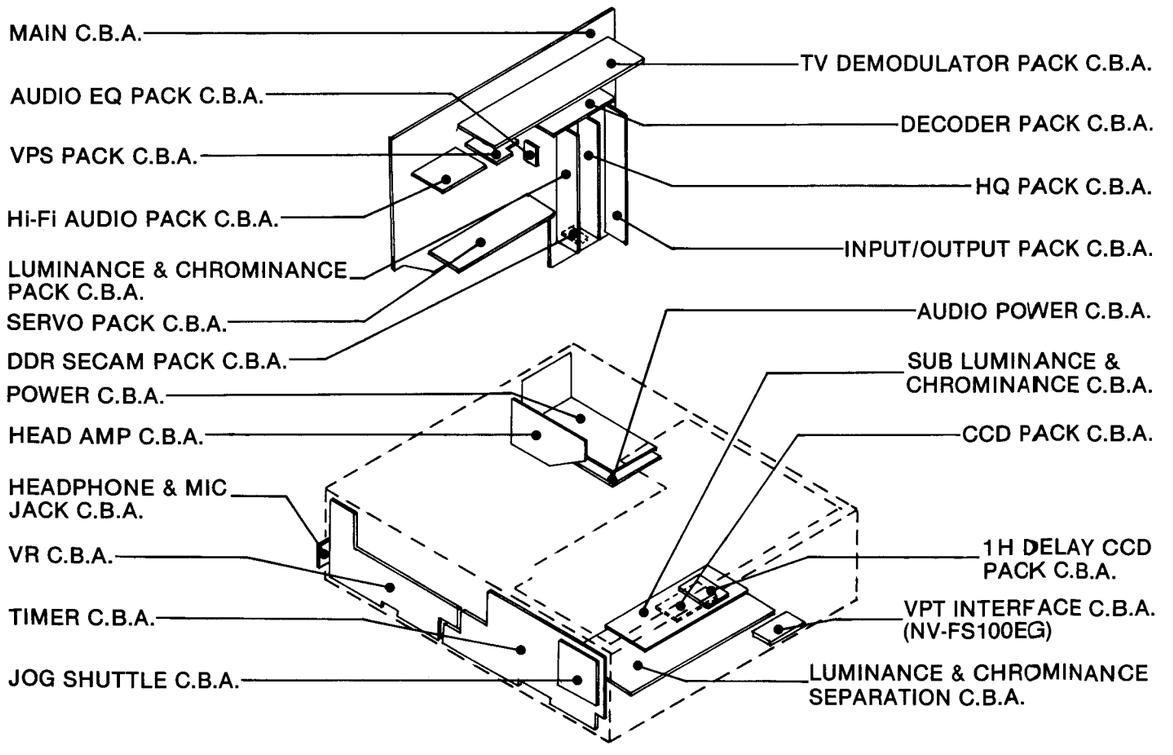








CIRCUIT BOARD LAYOUT



2-3. ELECTRICAL ADJUSTMENT PROCEDURES

This section provides complete electrical adjustment procedures which may be required for electronic circuits of S-VHS Video Cassette Recorders NV-FS100EG/EI.

2-3-1. TEST EQUIPMENTS

To perform the electrical adjustments completely, following equipments are required.

1. VTVM (Vacuum Tube Volt Meter) or DVM (Digital Volt Meter)
   Voltage Range : 0.001 ~ 50V
2. Dual-Trace Oscilloscope
   Voltage range : 0.005 ~ 50V/div.
   Frequency Range : DC-30MHz
   Probes : 10:1
3. Frequency counter
   Frequency Range : 0 ~ 10MHz
4. Signal Generator (Sinewave)
   Frequency Range : 0 ~ 500KHz
5. Video Sweep Generator
   Frequency Range : 0 ~ 10MHz
6. Colour Monitor TV
7. Plaastic Tip Driver
8. VHS Alignment Tape (VFJ8125H3F)
9. Pattern Generator
10. VHS Blank Tape
11. S-VHS Blank Tape

2-3-2. HOW TO READ THE ADJUSTMENT PROCEDURES

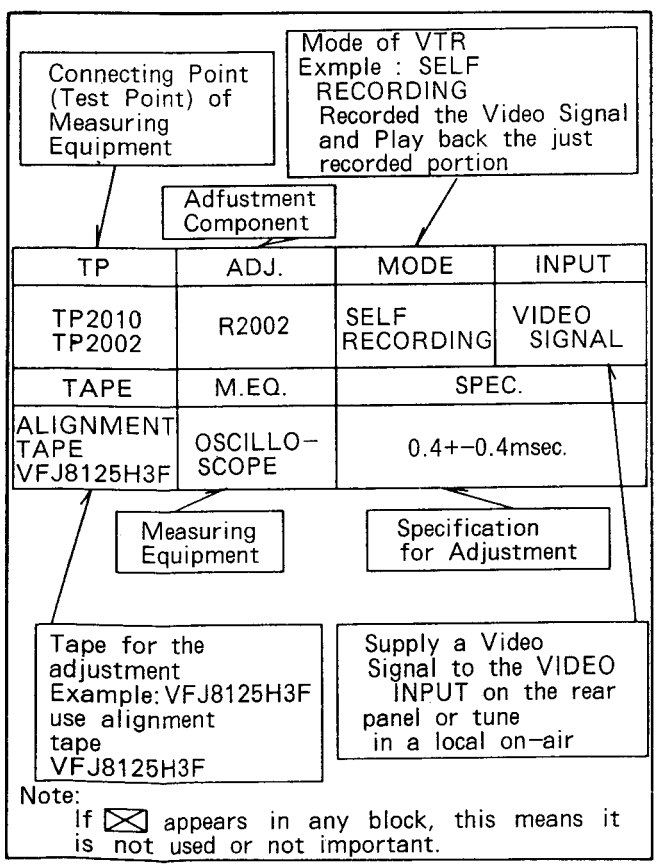


Fig. E1

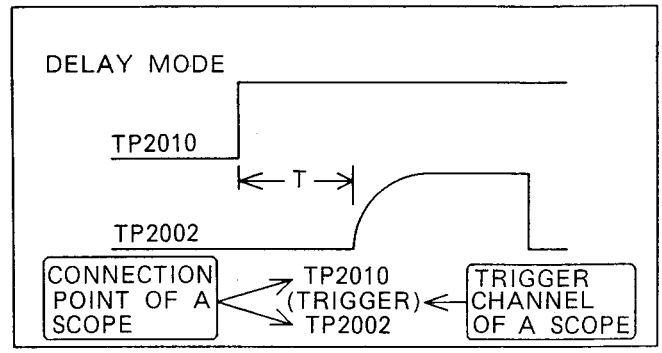


Fig. E2

Note:
Befor the electrical adjustment, set the VTR as following conditions except for especial instructions in each adjustment item.

1. Picture sharpness VR ... Centre FIX position
   S-VHS Selector ... ON position
2. Tape Speed Selector ... SP position
3. Audio Rec Control Selector ... AGC position
4. MPX Filter Switch ... OFF position
5. Input Signal Selector ... LINE position
6. Filter/Test Signal Switch ... ON (OFF) position
7. Edit Switch ... OFF position
8. Digital Tracking Switch ... ON position.
9. Simul Switch ... OFF position
10. Euro AV output select Switch ... Normal position

SERVO Section

2-3-3. PG SHIFTER ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP2001 TP3002	VR2001	PLAY	
TAPE	**M. EQ.**	**SPEC.**	
ALIGNMENT TAPE VFJ8125H3F	OSCILLO-SCOPE	7.0+-0.5H	

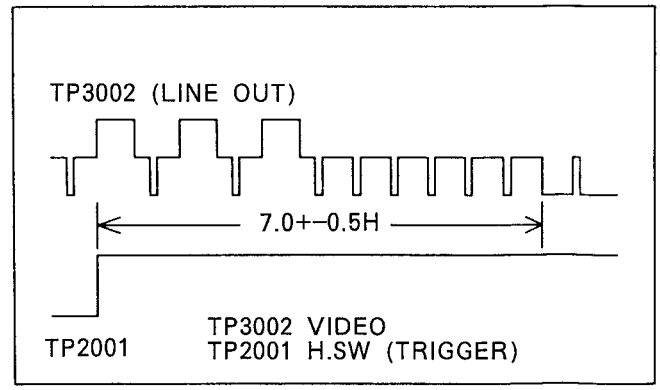


Fig. E3

2-3-4. SLOW FREE RUN ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP2015	VR2013	STILL	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	FREQUENCY COUNTER	453+-15(Hz)	

1. Record the Colour Bar in SP Mode and Playback the just recorded portion. Then place the unit in STILL Mode.
2. Make a test mode as shown in Fig. Test mode. Connect a cut Jumper wire.
3. Connect the jumper wire between TP2026 and GND.
4. Adjust VR2013 so that reading of the Frequency Counter is 453+-15(Hz).

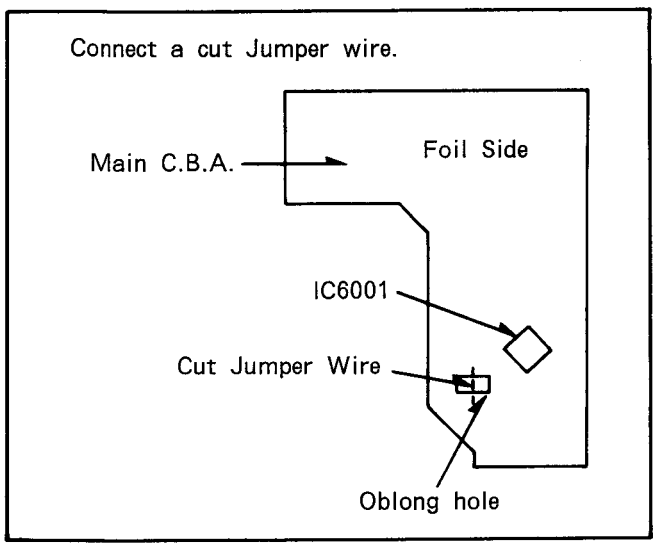


Fig. Test mode

2-3-5. VIDEO AUTO TRACKING GAIN ADJUSTMENT

TP	ADJ.	MODE	INPUT
HQ PACK PIN-15	VR5003	STOP	4MHz 200mVp-p (TO TP3001)
TAPE	**M. EQ.**	**SPEC.**	
	SIGNAL GEN D.V.M.	3.0+-0.1(Vp-p)	

1. Set the output of Sinewave Signal Generator to 4MHz, 200mVp-p and supply it to TP3001 through capacitor (0.1uF).
2. Connect the D.V.M. (Digital Volt Meter) to HQ PACK Pin-15.
3. Adjust VR5003 so that reading of D.V.M. is 3.0+-0.1(Vp-p).

2-3-6. ARTIFICIAL V-SYNC ADJUSTMENT

TP	ADJ.	MODE	INPUT
MONITOR SCREEN	VR2010 (SP) VR2009 (LP)	STILL	VIDEO SIGNAL (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	TV MONITOR	NO V-DANCING	

1. Record the Video Signal in SP Mode and playback the just recorded portion. Then place the unit in STILL Mode.
2. Adjust VR2010 so that the V-Dancing does not appear on the Monitor Screen.
3. Record the Video Signal in LP Mode and playback the just recorded portion. Then place the unit in STILL Mode.
4. Adjust VR2009 so that the V-Dancing does not appear on the Monitor Screen.

2-3-7. SLOW TRACKING ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP2002 TP2026	VR2011 (SP) VR2006 (LP)	SLOW	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	17.5+-2 (msec) (SP) 12+-2 (msec) (LP)	

Connect the Oscilloscope to TP2002 and TP2026.

1. Record the Colour Bar in SP Mode and playback the just recorded portion. Then place the Unit in 1/5 Speed Slow by Infra-red remote controller. (Press [SEARCH] button and then press [+] button 5 times)
2. Adjust VR2011 so that the phase difference becomes 17.5+-2 (msec) as shown in Fig. E4.
3. Record the Colour Bar in LP Mode and playback the just recorded portion. Then place the Unit in 1/5 Speed Slow by Infra-red remote controller.
4. Adjust VR2006 so that the phase difference becomes 12+-2 (msec) as shown in Fig. E4.

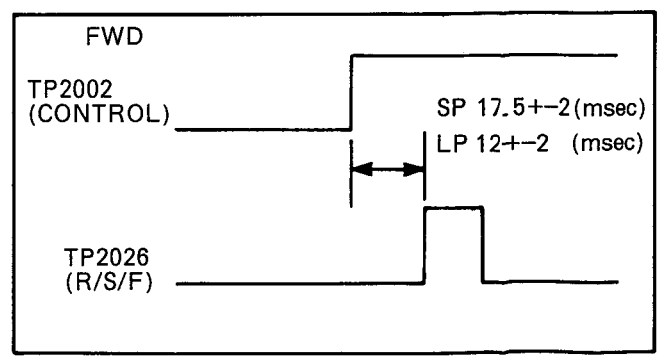


Fig. E4

2–3–8. REVERSE SLOW TRACKING ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP2002 TP2026	VR2019 (SP) VR2018 (LP)	REVERSE SLOW	COLOUR BAR
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	14+–2 (msec) (SP) 7+–2 (msec) (LP)	

Connect the Oscilloscope to TP2002 and TP2026

1. Record the Colour Bar in SP Mode and playback the just recorded portion. Then place the Unit in 1/5 Reverse Slow Mode by Infra-red remote controller. (Press [SEARCH] button and then press button 5 times)
2. Adjust VR2019 so that the phase differnce becomes 14+–2 (msec) as shown in Fig. E5.
3. Record the Colour Bar in LP Mode and playback the just recorded portion. Then place the Unit in 1/5 Reverse Slow Mode by Infra-red remote controller.
4. Adjust VR2018 so that the phase difference becomes 7+–2 (msec) as shown in Fig. E5.

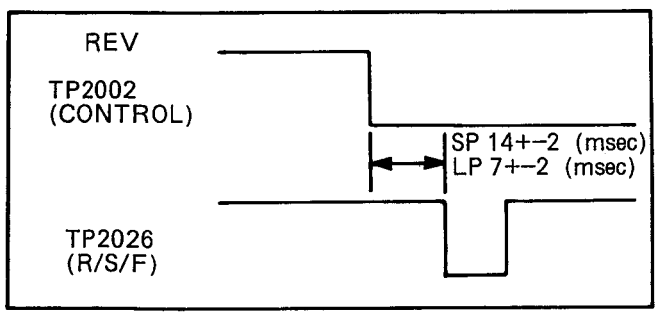


Fig. E5

LUMINANCE, CHROMINANCE & HEAD AMP Section

2–3–9. Y–NR GAIN ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP3051	VR303	STOP	COLOUR BAR (S–VIDEO IN)
TAPE	**M. EQ.**	**SPEC.**	
S–VHS BLANK TAPE	OSCILLO-SCOPE	800+–20 (mVp–p) (75ohm Terminated)	

1. Supply the video signal to S–Video input socket.
2. Set the input select switch to S–IN position.
3. Connect the oscilloscope to TP3051 on Main C.B.A.
4. Adjust so that the Video Level becomes 800+–20 (mVp–p).

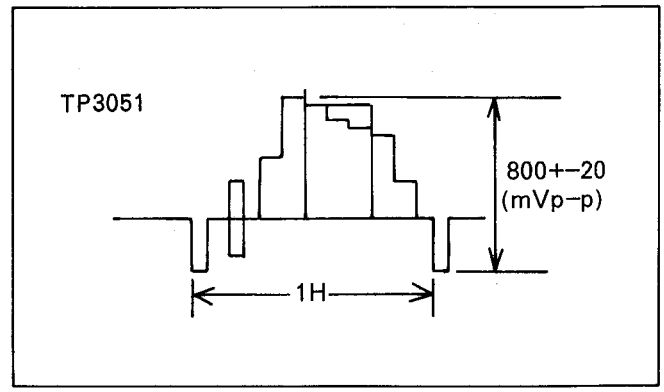


Fig. E6

Note:
This adjustment should be completed before the luminance and chrominance recording current adjustment.

2–3–10. CHROMINANCE & LUMINANCE RECORDING CURRENT ADJUSTMENT

* S–VHS CHROMINANCE RECORDING CURRENT ADJ.

TP	ADJ.	MODE	INPUT
TP507 (HOT) TP508 (GND)	VR502	RECORDING	COLOUR BAR (S–VIDEO IN)
TAPE	**M. EQ.**	**SPEC.**	
S–VHS BLANK TAPE	OSCILLO-SCOPE	28+–2mVp–p	

1. Suppy the video signal to S–Video input socket.
2. Set the input select switch to S–IN position.
3. Connect the oscilloscope to TP507 (HOT) and TP508 (GND).
4. Before Chrominance recording current adjustment Luminance recording current must be closed to observe the chrominance signal. (VR501 is minimum position.)
5. Adjust VR502 for 28+–2Vp–p as shown below.

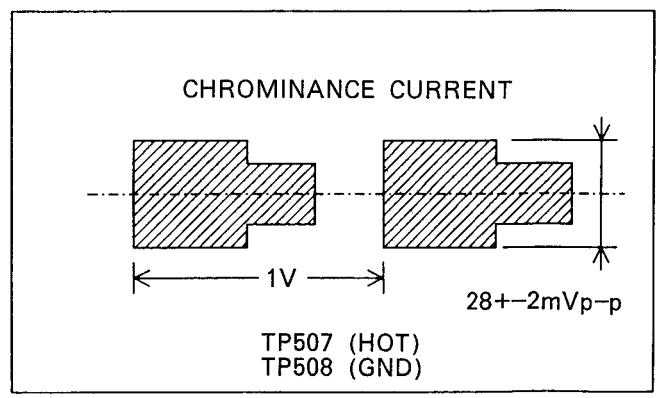


Fig. E7

* S-VHS LUMINANCE RECORDING CURRENT ADJ.

TP	ADJ.	MODE	INPUT
TP507 (HOT) TP508 (GND)	VR501	RECORDING	COLOUR BAR (S-VIDEO IN)
TAPE	**M. EQ.**	**SPEC.**	
S-VHS BLANK TAPE	OSCILLO-SCOPE	120+-5mVp-p	

6. After chrominance recording current adjustment, adjust VR501 for 120+-5mVp-p as shown below.

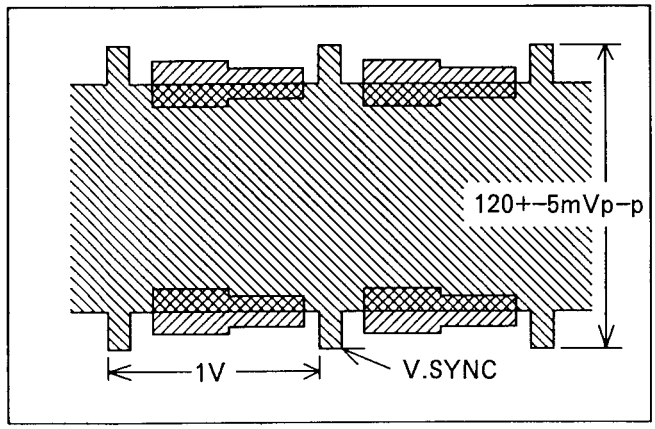


Fig. E8

* VHS LUMINANCE RECORDING CURRENT ADJ.

TP	ADJ.	MODE	INPUT
TP507 (HOT) TP508 (GND)	VR3001	RECORDING	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
VHS BLANK TAPE	OSCILLO-SCOPE	110+-5mVp-p	

1. Set the S-VHS selector to OFF position.
2. Connect the oscilloscope to TP507 (HOT) and TP508 (GND).
3. Adjust VR3001 for 100+-5mVp-p as shown in Fig. E9.

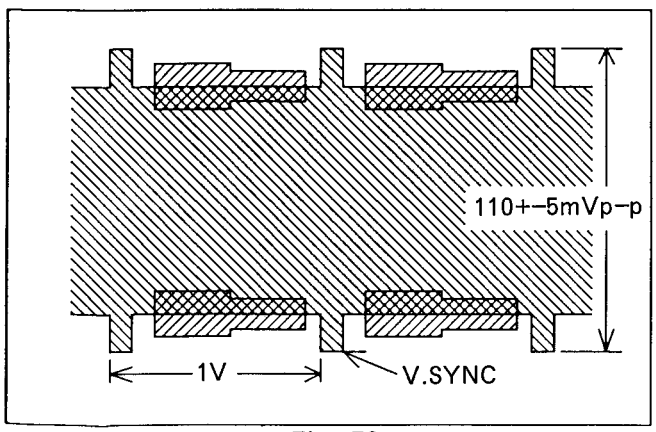


Fig. E9

This adjustment should be completed after S-VHS luminance and chrominance recording current adjustment.

2-3-11. PLAYBACK VIDEO LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
S-OUT Input/Output pack pin -38(Y) or 40(C)	VR302 (Y) VR801 (C)	SELF RECORDING	COLOUR BAR (S-VIDEO IN)
TAPE	**M. EQ.**	**SPEC.**	
S-VHS BLANK TAPE	OSCILLO-SCOPE	1.0+-0.05Vp-p (Y) 0.55+-0.05Vp-p (C)	

1. Supply the video signal to S-Video input socket.
2. Set the input select to S-IN position.
3. Connect the oscilloscope to Input/Output pack pin-38 for luminance and to pin-40 for chrominance.
4. Play back the just recorded portion.
5. Adjust VR302 for 1.0+-0.05Vp-p and VR801 for 0.55+-0.05Vp-p as shown in Fig. E10.

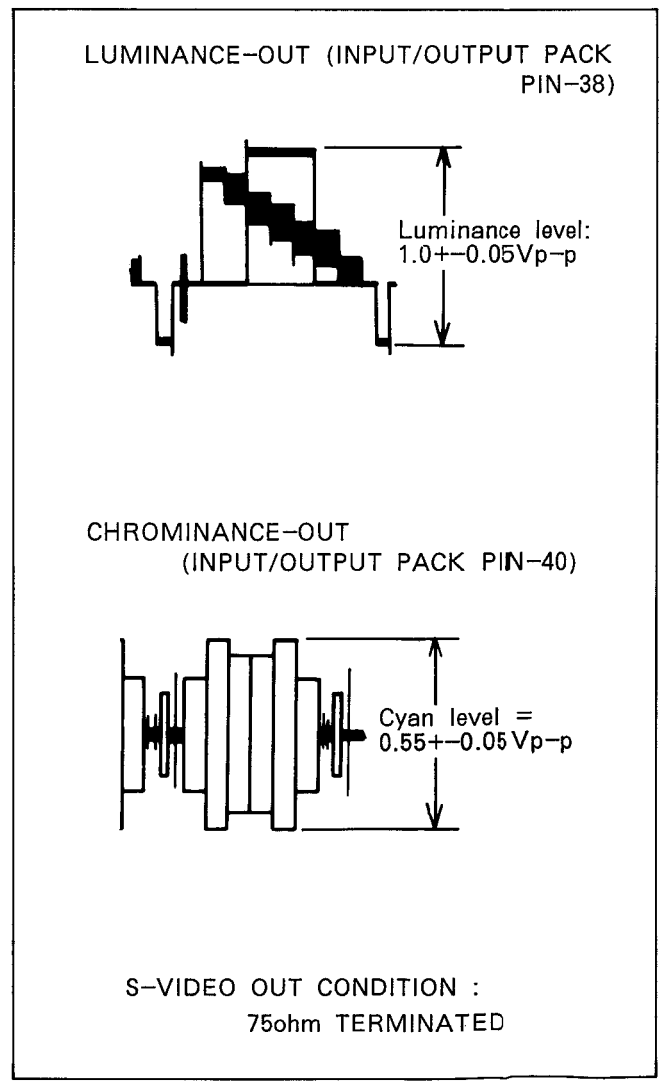


Fig. E10

2-3-12. S-VHS COS EQ ADJUSTMENT

TP	ADJ.	MODE	INPUT
Input/Output Pack Pin-38	VR5002	SELF RECORDING	VIDEO SWEEP (S-VIDEO IN)
TAPE	**M. EQ.**	**SPEC.**	
S-VHS BLANK TAPE	OSCILLO-SCOPE	-8+-0.5dB (37.5% ~ 42%)	

1. Set the sweep generator output as shown below.

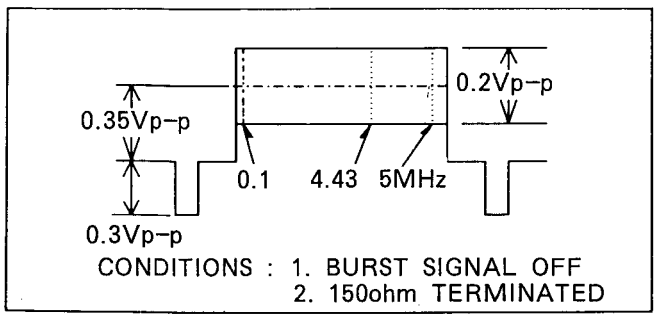


Fig. E11

2. Supply the video sweep signal to S-Video Input.
3. Set the Input Signal Selector to S-VHS position.
4. Playback the just recorded portion.
5. Adjust VR3101 so that the level at 5MHz becomes -8+-0.5dB (37.5 ~ 42%) comparing with the level at 0.1MHz as shown in Fig. E12.

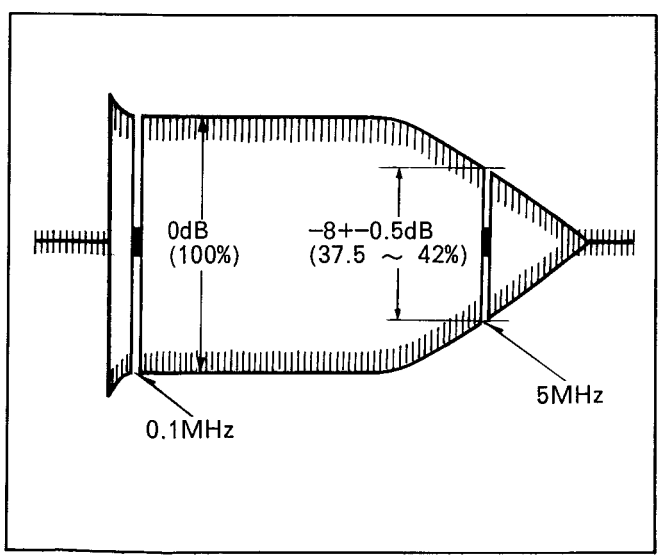


Fig. E12

2-3-13. VHS FREQUENCY RESPONSE ADJUSTMENT

TP	ADJ.	MODE	INPUT
LINE OUT (TP3002)	VR5004 (SP) VR5005 (LP)	SELF RECORDING	VIDEO SWEEP (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	VIDEO SWEEP/ OSCILLO-SCOPE	A=0+-1dB (90~110%): SP A=0+-1dB (90~110%): LP	

1. Set the sweep generator output as shown in Fig. E13.

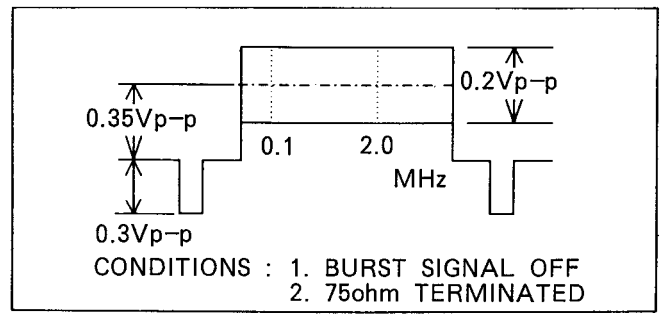


Fig. E13

2. Play back the just recorded portion.
3. Adjust volume VR5004 (SP), VR5005 (LP) resoectively so that the level at 2MHz (A) becomes within specification comparing with the level at 0.1MHz as shown in Fig. E14.

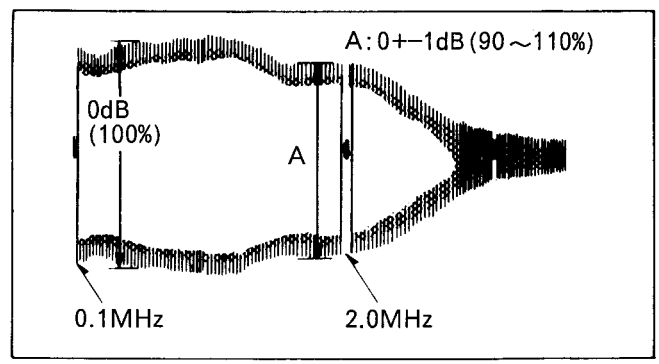


Fig. E14

2-3-14. LUMINANCE/CHROMINANCE SEPARATION AGC OUTPUT LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP3704	VR3701	STOP	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
	OSCILLO-SCOPE	2.0+-0.05(Vp-p)	

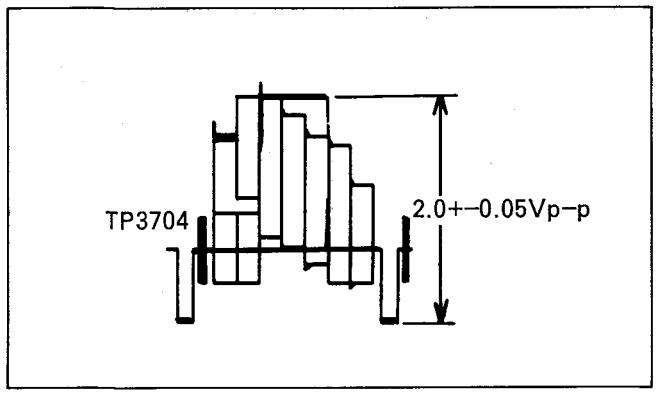


Fig. E15

2−3−15. LUMINANCE/CHROMINANCE SEPARATION CCD INPUT LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP3703	VR3708	STOP	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
	OSCILLO-SCOPE	0.85+−0.05(Vp−p)	

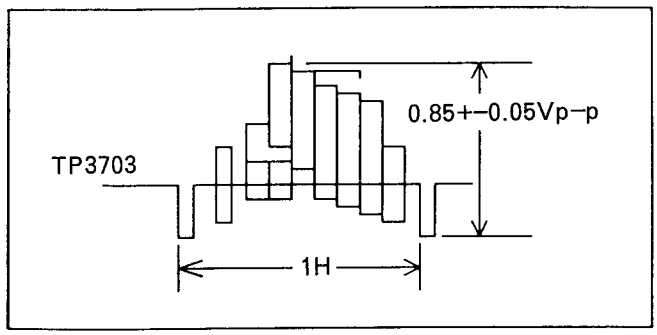


Fig. E16

2−3−16. LOGICAL COMB FILTER PHASE AND GAIN ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP3701	VR3702, VR3706	STOP	MULTI BURST (LINE IN)
	VR3703, VR3707		
TAPE	**M. EQ.**	**SPEC.**	
	OSCILLO-SCOPE	4.43MHz BURST SIG IS MINIMIZED	

1. Set the video sweep generator output as shown in below.

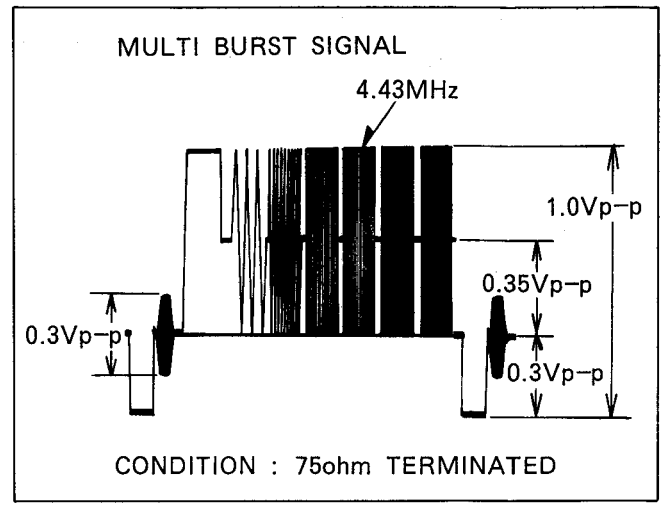


Fig. E17

2. Supply the mult burst signal from video sweep to Line Input.
3. Connect the oscilloscope to TP3701.
4. Set the Switch (SW3701) on luminance/chrominance separation C.B.A. to TEST position.
5. Adjust VR3702 and VR3706 mutually so that the 4.43MHz burst signal is minimized.
6. Set the Switch (SW3701) on luminance/chrominance separation C.B.A. to Normal position.
7. Adjust VR3703 and VR3707 mutually so that the 4.43MHz burst signal is minimized.

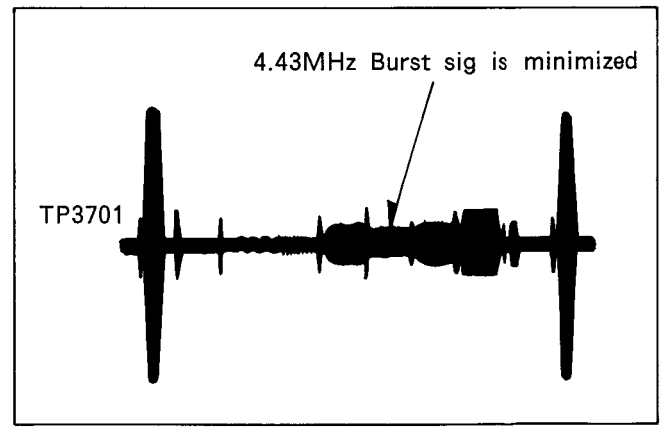


Fig. E18

2−3−17. SEPARATED LUMINANCE OUTPUT LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
P3704−1	VR3709	STOP	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
	OSCILLO-SCOPE	1.0+−0.05(Vp−p)	

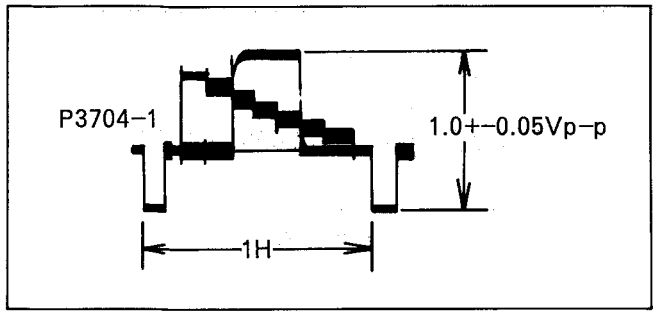


Fig. E19

2–3–18. LUMINANCE/CHROMINANCE SEPARATION ADJUSTMENT

TP	ADJ.	MODE	INPUT
P3704–1	VR3704, VR3705	STOP	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
	OSCILLO–SCOPE	RESIDUAL CHROMA LEVEL IS MINIMIZED	

1. Connect the oscilloscope to P3704–1.
2. Adjust VR3704 and VR3705 mutually so that the residual chroma level is minimized as shown in Fig. E20.

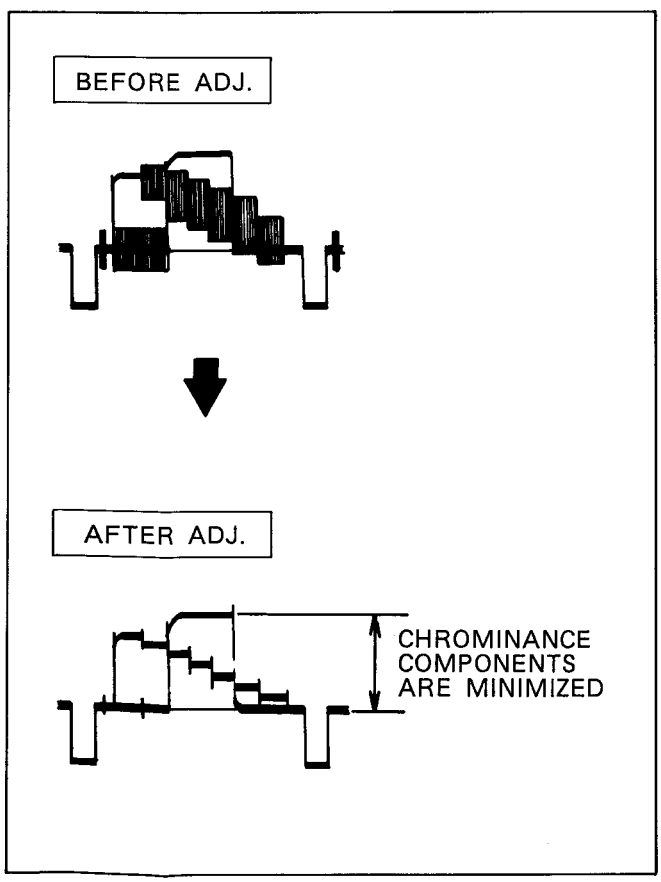


Fig. E20

2–3–19. SECAM KILLER ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC851–11	T851	SELF RECORDING	SECAM VIDEO SIGNAL (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO–SCOPE	MINIMUM AS POSSIBLE	

1. Adjust T851 so that the points "A" becomes maximum on the waveform.

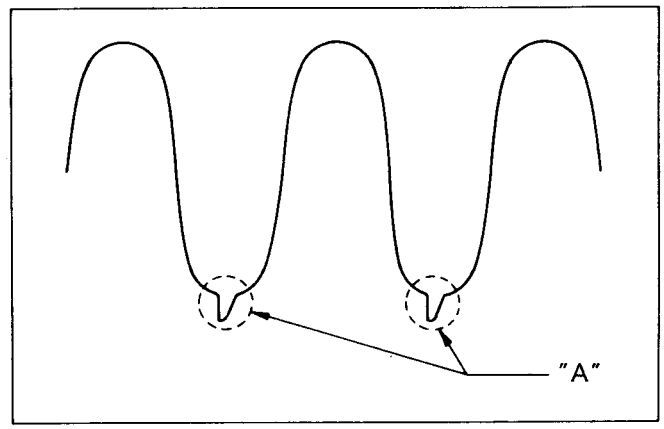


Fig. E21

2–3–20. PILOT BURST PHASE ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC801–15	C833	STOP	COLOUR BAR SIGNAL (S–VIDEO INPUT)
TAPE	**M. EQ.**	**SPEC.**	
	VECTOR–SCOPE	–90degrees+–5degree	

1. Set the Input Signal Selector to S–VIDEO position.
2. Supply the colour bar signal to the S–Video input on the rear panel.
3. Connect the vectorscope to IC801–15 and its external terminal for trigger to Line Output of VTR.
4. Adjust C8301 so that the pilot burst signal is placed in –90+–5degree against the U–Axis on Vectorscope.

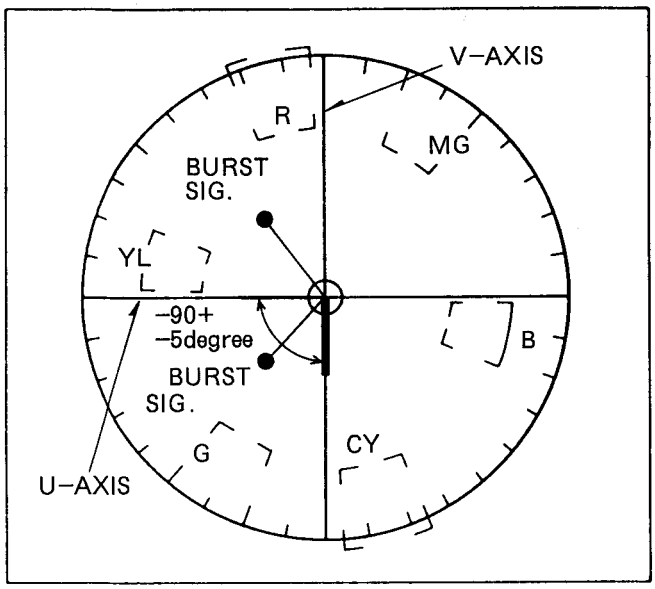


Fig. E22

2-3-21. S-VHS PLAYBACK LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC303-2	VR301	SELF RECORDING	COLOUR BAR (S-VIDEO IN)
TAPE	**M. EQ.**	**SPEC.**	
S-VHS BLANK TAPE	OSCILLO-SCOPE	400+-10(mVp-p)	

1. Supply the video signal to S-Video input socket.
2. Set the input select switch to S-IN position.
3. Connect the oscilloscope to IC303-2.
4. Adjust VR301 so that the luminance level becomes 400+-10mVp-p.

2-3-22. LUNINANCE NOISE REDUCTION BALANCE ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC3301-21	VR3301	RECORDING (LP MODE)	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	WAVEFORM IS MINIMIZED	

1. Record the Colour Bar in LP Mode.
2. Connect the Oscilloscope to IC3301-21.
3. Adjust VR3301 so that waveform becomes minimum.

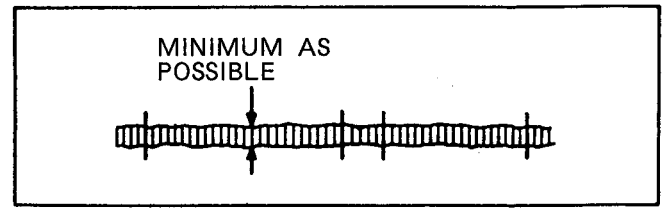


Fig. E23

2-3-23. LUMINANCE NOISE REDUCTION GAIN ADJUSTMENT

TP	ADJ.	MODE	INPUT
P3301-1 and 4	VR3302	STOP (LP)	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
	OSCILLO-SCOPE	A Level = B Level	

1. Supply the colour bar signal to Line Input.
2. Connect the oscilloscope to P3301-1 (CH-A) and P3301-4 (CH-B).
3. Adjust VR3302 so that the luminance level between "A" and "B" are the same level.

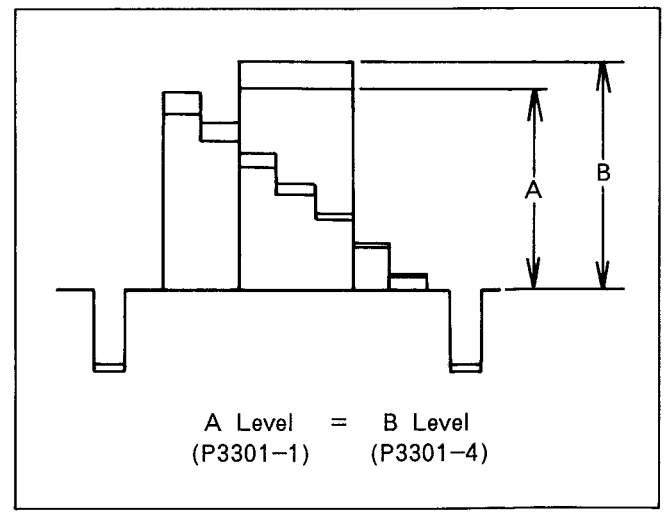


Fig. E24

2-3-24. CHROMINANCE RECURSIVE FILTER ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC3301-7	VR8301 VR8302	SELF RECORDING	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	WAVEFORM IS MINIMIZED	

1. Supply the colour bar signal to Line Input socket.
2. Play back the just recorded portion.
3. Connect the oscilloscope to IC3301–7.
4. Adjust VR8301 and VR8302 mutually so that the waveform is minimized.

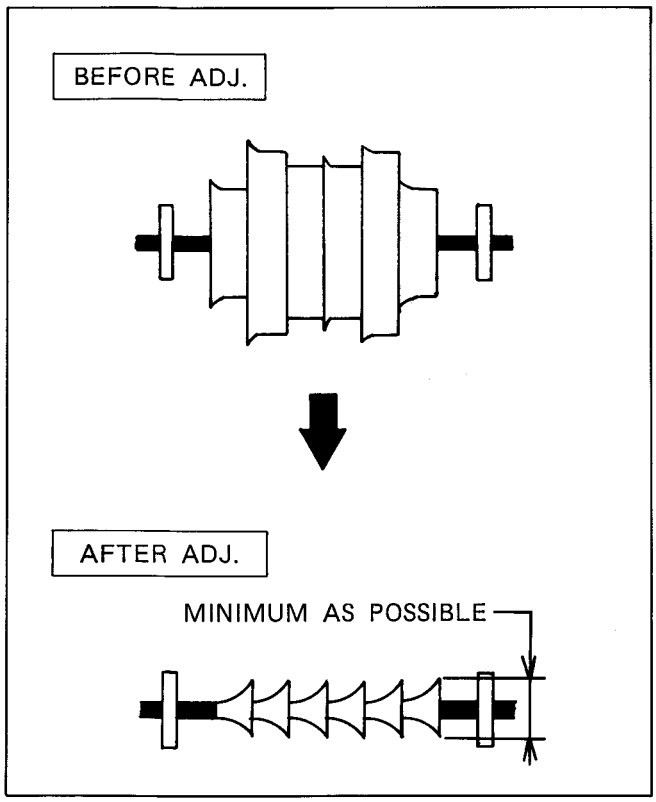


Fig. E25

Note:
This adjust should be completed after all adjustment of recording mode.

2–3–25. SUPER LIMITER ADJUSTMENT

TP	ADJ.	MODE	INPUT
HQ PACK PIN–20	VR5001	SELF RECORDING	SINEWAVE (7MHz, 200mVp–p)
TAPE	**M. EQ.**	**SPEC.**	
S–VHS BLANK TAPE	SIGNAL GENER-ATOR/ OSCILL-OSCOPE	100+–10mVp–p	

1. Set the signal generator to 7MHz,200mVp–p and then supply this sinewave to TP5001 on HQ PACK C.B.A.
2. Set the input select switch to S–IN position.
3. Connect the 0.1uF capacitor between IC5002–8 and GND.
4. Connect the Oscilloscope to pin 20 of HQ PACK PIN.
5. Play back the just recorded portion.
6. Adjust VR5001 so that the waveform level becomes 100+–10mVp–p.

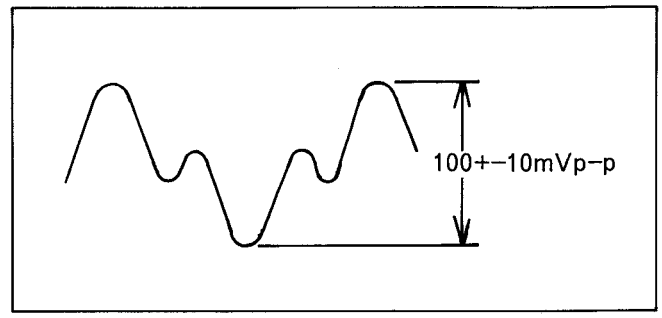


Fig. E26

2–3–26. JUMP VCO FREE RUN ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC3503–10	VR3502	STOP	
TAPE	**M. EQ.**	**SPEC.**	
	FREQUENCY COUNTER	31.50+–0.5(KHz)	

1. Connect the Frequency Counter to pin 10 of IC3503 through the amplifier as shown below.

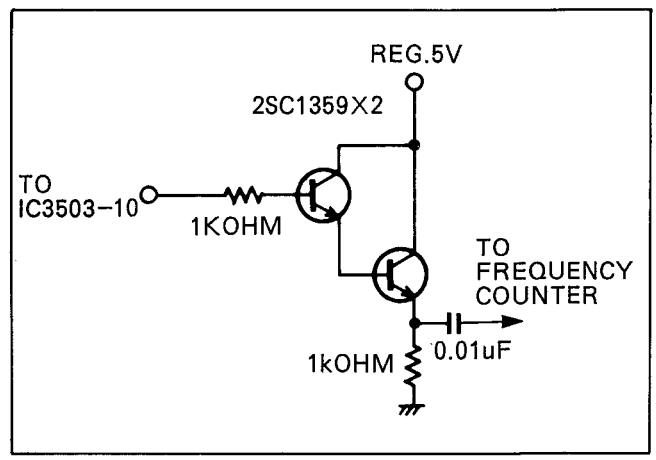


Fig. E27 Amplifier Circuit

2. Adjust VR3502 so that the reading of Frequency Counter is 31.50+–0.5KHz

2–3–27. JUMP OUTPUT LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
Input/Output Pack Pin–38	VR3503	SELF RECORDING	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
S–VHS BLANK TAPE	OSCILLO–SCOPE	1.0+–0.05(Vp–p)	

1. Play back the just recorded portion.
2. Adjust VR3503 so that the luminance level becomes 1.0+−0.05Vp−p.

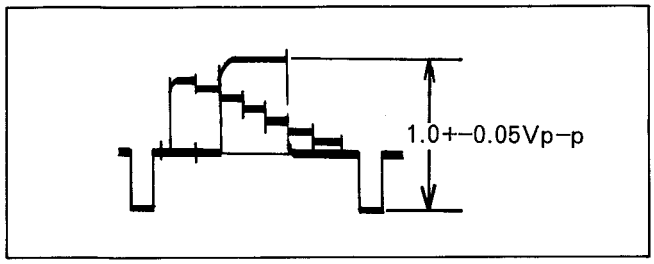


Fig. E28

2−3−28. JUMP DELAY LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
Input/Output Pack Pin−38	VR3501	SELF RECORDING (LP)	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO−SCOPE	FLICKER IS MINIMIZED	

1. Set the Tape Speed Select to "LP" mode.
2. Play back the just recorded portion in Cue mode.
3. Adjust VR3501 so that the flicker of luminance signal is minimized.

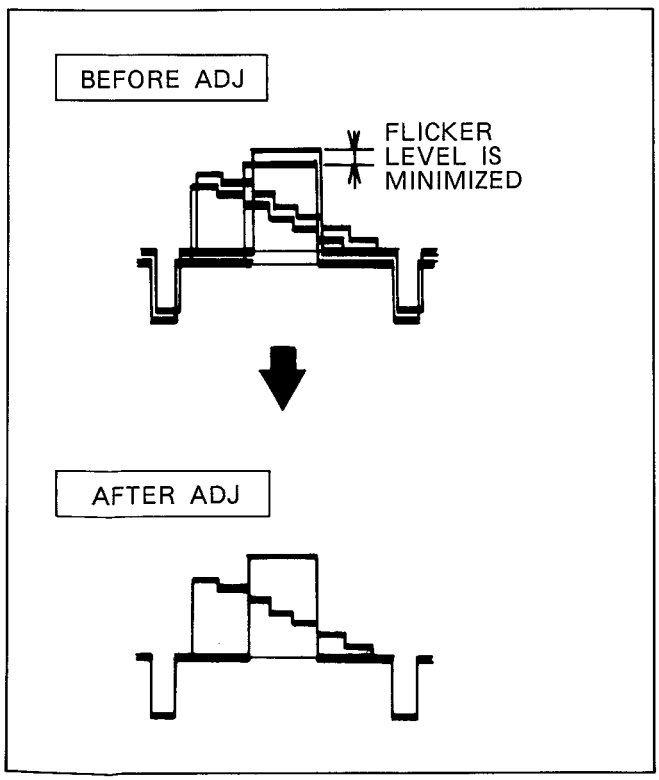


Fig. 29

2−3−29. CHROMA DELAY LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
Input/Output Pack Pin−40	VR8502 VR8503	SELF RECORDING (LP)	COLOUR BAR (LINE IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO−SCOPE	FLICKER IS MINIMIZED	

1. Set the tape speed select to LP mode.
2. Play back the just recorded portion and adjust VR8502 so that the flicker is minimized.
3. Next, place the unit to cue mode and adjust VR8503 so that the flicker is minimized.

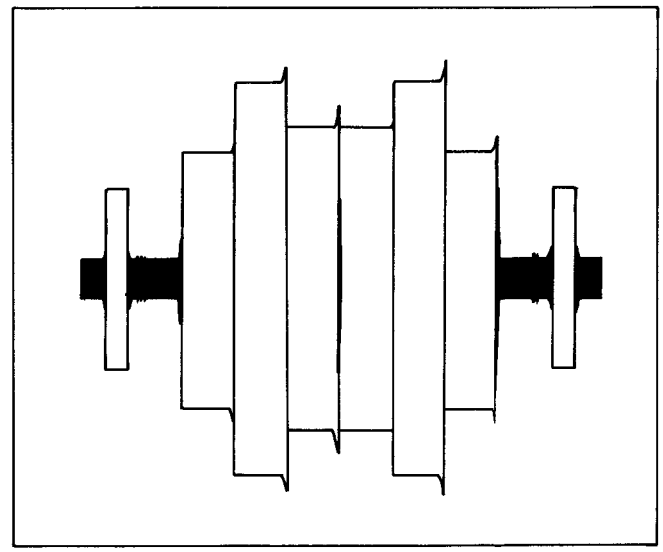


Fig. E30

TIMER Section

2−3−30. TIMER CLOCK ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC7501−(37)	C7501		
TAPE	**M. EQ.**	**SPEC.**	
	FREQUE−NCY COUNTER	7812.5+−0.015us	

Note:
1) Do not connect the AC power plug.
2) Make a short circuit at C1003 to discharge.

1. Set the voltage of the DC power supply for 5.0V+−0.1V and supply it to P7501−3 P7501−4 (+) and GND (−).
2. Connect a jumper wire between P7501−6 and GND.
3. Connect the frequency counter to TP7501.
4. Adjust C7501 for 7812.5+−0.015us.

NORMAL AUDIO Section

2-3-31. AUDIO BIAS CURRENT ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP4002 (HOT) TP4003 (GND)	VR4002	RECORDING	
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE (VHS type)	V.T.V.M.	2.6+-0.1mVrms	

Note:
1) Make a short circuit at terminal of the Audio Input.

2-3-32. AUDIO PLAYBACK LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
AUDIO OUT	VR4001	SELF RECORDING (SP MODE)	1kHz,-10dB AUDIO SIGNAL VIDEO SIGNAL
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	SIGNAL GENERA-TOR/ V.T.V.M.	E-E LEVEL = -8+-2dB (300mVrms ~ 500mVrms) PLAYBACK LEVEL = E-E LEVEL+-0.5dB (+-20mVrms)	

1. Set the Audio Playback Mode Selector to NORMAL position by infrared remotecontroller. (Both the Left and Right Indicators are not it.
2. Playback the just recorded portion.
3. Adjust VR4001 so that the level of the playback waveform becomes E-E level+-0.5dB(+-20mVrms)

Note:
1. Befor this adjustment, "Tape Interchangeability Adjustment" and "Audio Bias Current Adjustment" must be completed.
2. Video signal must be connected to video input.

Hi-Fi AUDIO Section

2-3-33. LEVEL METER SENSITIVITY ADJUSTMENT

TP	ADJ.	MODE	INPUT
LEVEL METER	VR4004	STOP	1kHz -10dB
TAPE	**M. EQ.**	**SPEC.**	
	SIGNAL GENERA-TOR	0dB indicator just lights up	

1. Set the Audio Playback Mode Selector to STEREO position by infrared remotecontroller. (Both the Left and Right Indicators are lit.
2. Set the Audio recording SW to MANUAL. Next Adjust the output level with the Audio Rec Level Controls so that the audio outputs are 400mVrms at both Output Jacks (L) and (R).
3. Adjust VR4004 so that the 0dB indicator just lights up on the level meter as shown below.

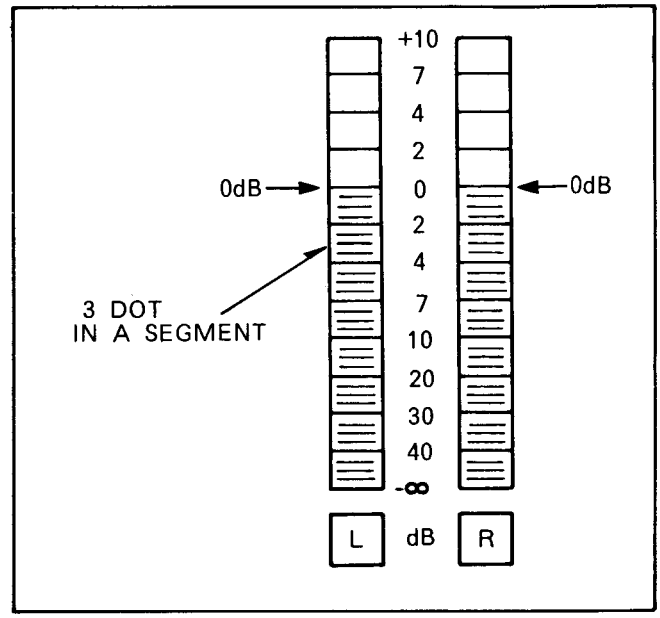


Fig. E31

2-3-34. Hi-Fi AUDIO RECORDING CURRENT ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP4507 (HOT) SHIELD CASE(GND)	VR4503	RECORDING (SP MODE)	
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	480+-10mVp-p	

1. Set the Input Select SW to LINE.
2. Set the Audio Playback Mode Selector to "STEREO" position. (Both the Left and Right Indicators are lit.)
3. Connect the OSCILLOSCOPE to TP4507 (HOT) and SHIELD CASE (GND).
4. Adjust VR4503 so that the Audio recording current become 480+-10mVp-p as shown below.

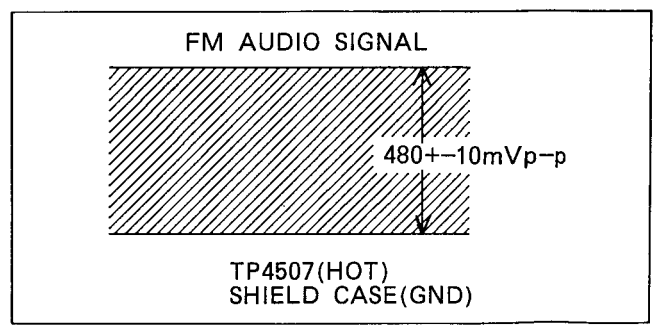


Fig. E32

Note:
Prior to HiFi Audio Muting Adjustment, this adjustment must be completed.

2-3-35. AUDIO HEAD SWITCHING SHIFTER ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP4511 TP2001	VR4510	PLAY	
TAPE	**M. EQ.**	**SPEC.**	
ALIGNMENT TAPE VFJ8 125H3F	OSCILLO-SCOPE	$T = \frac{T2-(T2-T1)\ \text{msec.}}{2}$	

1. Play back the alignment tape (VFJ8125H3F).
2. Connect the oscilloscope to TP4511 and TP2001.
3. Play back the just recorded portion.
4. Adjust VR4510 while lnstening to the stereo playback sound.

   (1) Confirm the "T2" time when the abnormal sound just occurs during turning clockwise on VR4510.
   (2) Confirm the "T1" time when the abnormal sound just occurs during turning counter clockwise on VR4510.
   (3) Adjust VR4510 so that the falling edge "T" of Audio H.SW pulse becomes the center portion of the both "T2" and "T1".

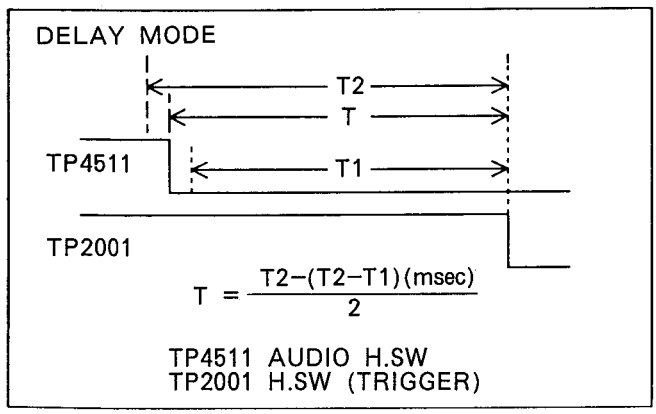


Fig. E33

2-3-36. AUDIO MUTING ADJUSTMENT

TP	ADJ.	MODE	INPUT
	VR4505	SELF RECORDING	VIDEO SIGNAL
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	STEREO indication just lights up	

Note 1:
Before this adjustment "Tape Interchangeability Adjustment" must be completed.

Note2:
To achieve this adjustment, the luminance recording current adjustment should be performed as follows.
First connect the oscilloscope to TP503 (HOT) and TP504 (GND) and then adjust VR501 for 150mVp-p [refer to S-VHS Luminance Recording current Adjustment (Item 2-4-12)].
After this adjustment, the luminance recording current adjustment must be returned to original position again.

1. Set Audio Playback Mode Selector to STEREO position. (Both the Left and Right Indicators are lit.)
2. Preadjust VR4505 until the Hi-Fi indicator on the front panel display turns the NORMAL indication.
3. Then slowly adjust VR4505 where the STEREO indication just lights up.
4. Confirm that the abnormal sound does not contain in the playback Hi-Fi sound.

2-3-37. Hi-Fi ADDIO CARRIER FREQUENCY ADJUSTMENT

TP	ADJ.	MODE	INPUT
BETWEEN C4516 AND R4513 (L) BETWEEN C4566 AND R4563 (R)	VR4501 (L) VR4509 (R)	STOP	
TAPE	**M. EQ.**	**SPEC.**	
	FREQUE NCY COUNTER	1400+-3KHz(L) 1800+-3KHz(R)	

2-3-38. AUDIO DEVIATION ADJUSTMENT

TP	ADJ.	MODE	INPUT
BETWEEN VR4502 AND R4511 (L) BETWEEN VR4507 AND R4561 (R)	VR4502(L) VR4507(R)	RECORDING	1KHz,-10dB (316mVp-p) AUDIO SIGNAL
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	SIGNAL GENERA TOR/ D.V.M.	360mVp-p	

1. Set the Audio Rec Level Control Selector to MANUAL position. (Both the left and Right Indicators are not lit.)
2. Set the output of the Signal generator to 1KHz and -10dB, and supply it to both input jacks (L) and (R).
   Next, adjust the recording with the Audio Rec Level Controls so that the audio outputs are 400mVp-p at both Output Jacks (L) and (R).
3. Adjust VR4502 to 360mVp-p at between VR4502 and R4511 on HiFi AUDIO C.B.A. for L-Channel.
4. Adjust VR4507 to 360mVp-p at between VR4507 and R4561 on HiFi AUDIO C.B.A. for R-Channel.

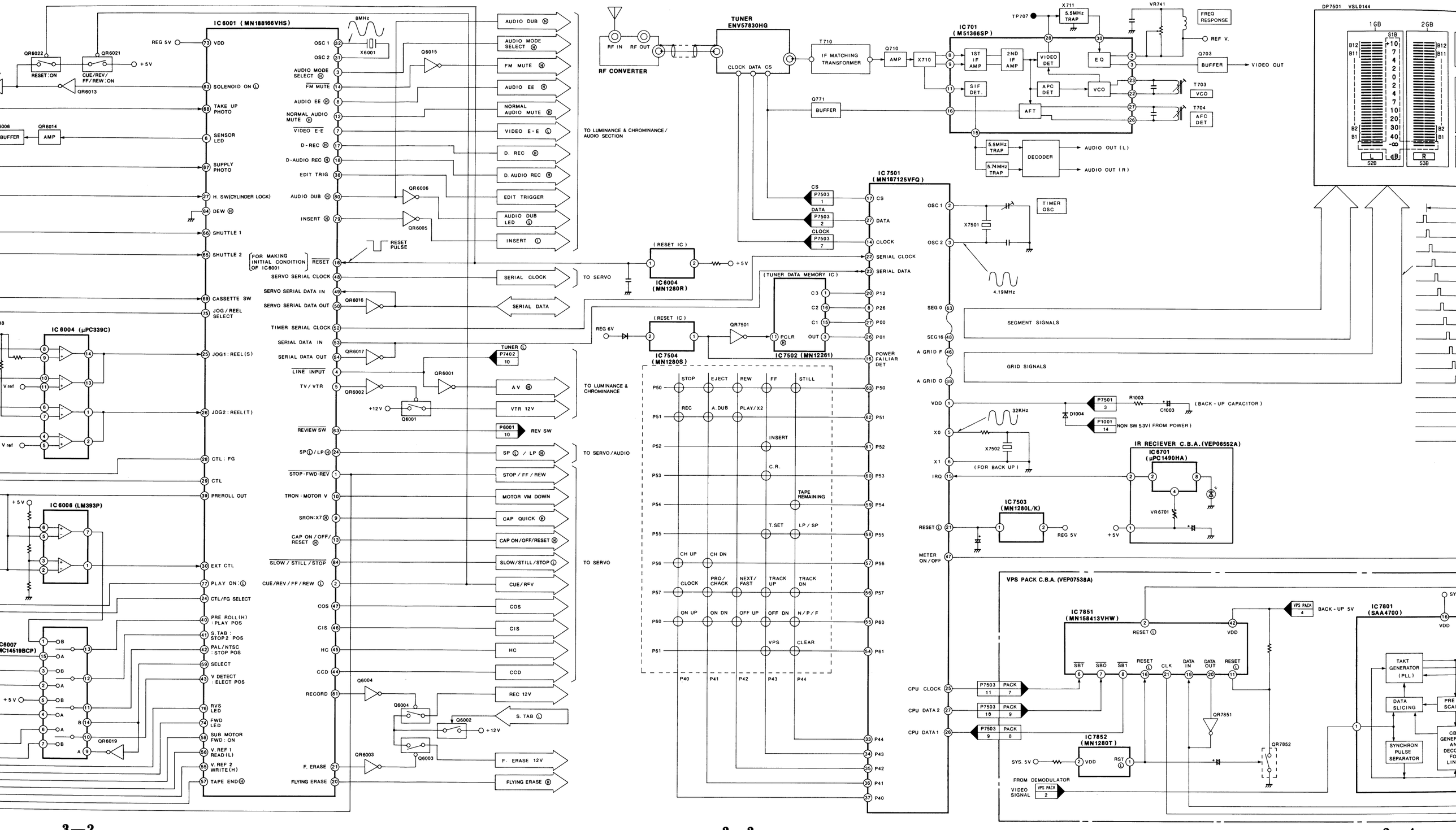
SECTION 3
BLOCK DIAGRAMS & SCHEMATIC DIAGRAMS
3-1. SYSTEM CONTROL BLOCK DIAGRAM

MODE	REV			X2	PLAY	SLOW					STILL	
SPEED	X9	X7	X5	X2	1	1/5	1/7	1/10	1/20	1/30		
SHUTTLE 2	2.0	2.5	2.5	2.0	2.0	2.5	2.5	2.0	2.0	2.5	2.5	3.2
SHUTTLE 1	0	0	0.6	0.6	3.1	3.1	2.4	2.4	3.7	3.7	4.4	4.4
MODE	SLOW					PLAY	X2	CUE				
SPEED	1/30	1/20	1/10	1/7	1/5	1	X2	X5	X7	X9		
SHUTTLE 2	3.2	5.0	5.0	3.2	3.2	5.0	5.0	3.2	3.2	5.0		
SHUTTLE 1	3.7	3.7	2.4	2.4	3.1	3.1	0.6	0.6	0	0		

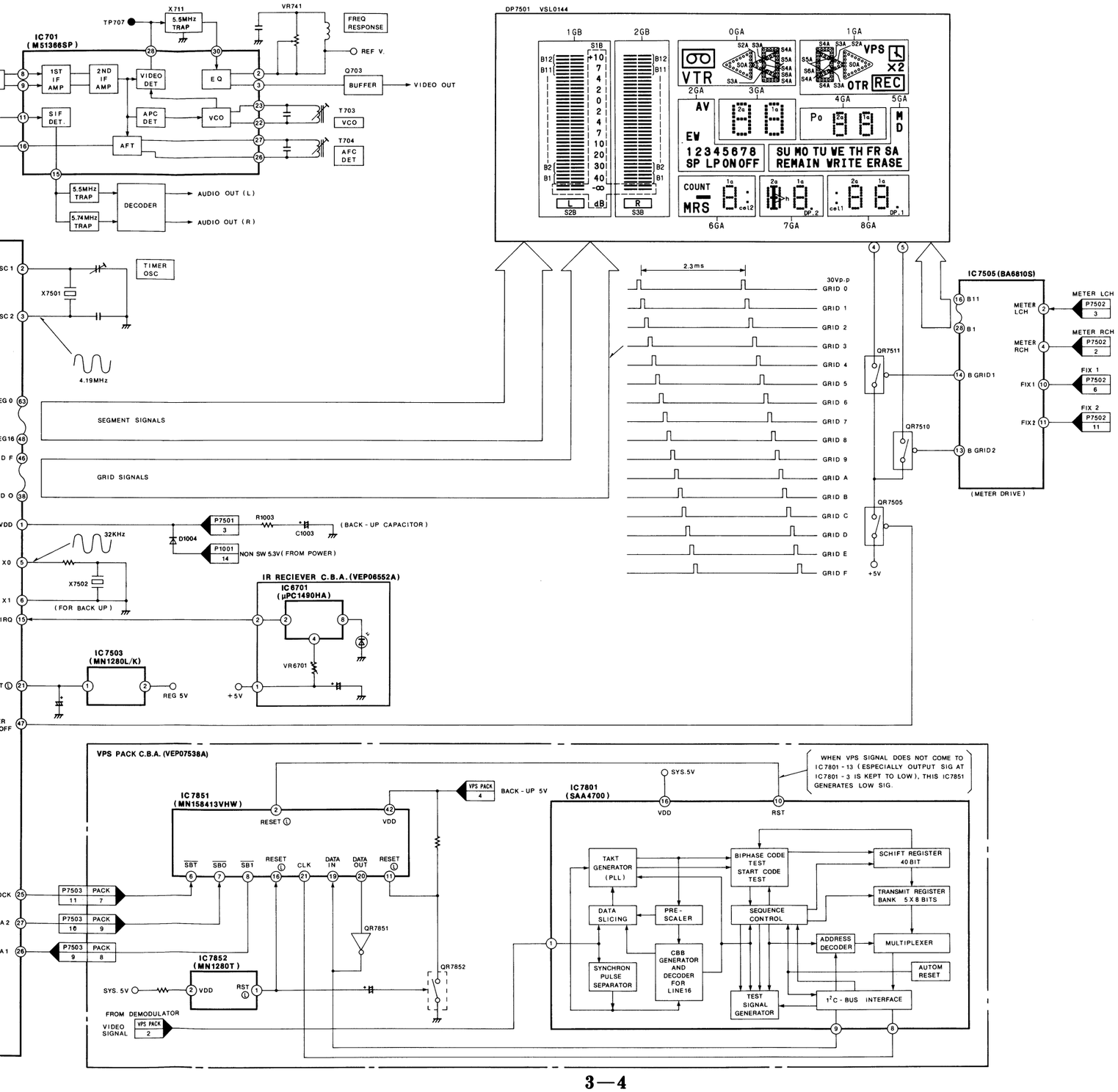
IC6005 / PIN NO / MODE	IC 6005 14	IC 6005 15	IC 6005 16	MOTOR DIRECTION
REV	L	L	H	FWD
SWITCH OVER TO FF / REW	L	H	L	RVS
RVS SLOW	H	L	H	FWD
REWIND	L	H	H	RVS
BREAK	H	H	L	STOP

3—1

3—2


IC 6001 (MN188166VHS)
8MHz
X6001
REG 5V
VDD
OSC 1
OSC 2
+5V
QR6022
QR6021
RESET : ON
CUE/REV/FF/REW : ON
QR6013
SOLENOID ON
TAKE UP PHOTO
SENSOR LED
SUPPLY PHOTO
H. SW(CYLINDER LOCK)
DEW
SHUTTLE 1
SHUTTLE 2
CASSETTE SW
JOG / REEL SELECT
JOG1 : REEL(S)
JOG2 : REEL(T)
CTL : FG
CTL
PREROLL OUT
EXT CTL
PLAY ON :
CTL/FG SELECT
PRE ROLL(H) : PLAY POS
S.TAB : STOP2 POS
PAL/NTSC : STOP POS
SELECT
V DETECT : ELECT POS
RVS LED
FWD LED
SUB MOTOR FWD : ON
V. REF 1 READ(L)
V. REF 2 WRITE(H)
TAPE END
IC 6004 (μPC339C)
IC 6006 (LM393P)
IC 6007 (MC14519BCP)
V ref
AUDIO MODE SELECT
FM MUTE
AUDIO EE
NORMAL AUDIO MUTE
VIDEO E-E
D-REC
D-AUDIO REC
EDIT TRIG
AUDIO DUB
INSERT
Q6015
QR6006
QR6005
RESET PULSE
FOR MAKING INITIAL CONDITION OF IC6001
RESET
SERVO SERIAL CLOCK
SERVO SERIAL DATA IN
SERVO SERIAL DATA OUT
QR6016
TIMER SERIAL CLOCK
SERIAL DATA IN
SERIAL DATA OUT
QR6017
LINE INPUT
TV / VTR
QR6002
QR6001
+12V
Q6001
REVIEW SW
SP / LP
STOP·FWD·REV
TRON : MOTOR V
SRON : X7
CAP ON / OFF / RESET
SLOW / STILL / STOP
CUE/REV / FF / REW
COS
CIS
HC
CCD
RECORD
Q6004
Q6002
Q6003
QR6019
F. ERASE
FLYING ERASE
AUDIO DUB
AUDIO MODE SELECT
FM MUTE
AUDIO EE
NORMAL AUDIO MUTE
VIDEO E-E
D. REC
D. AUDIO REC
EDIT TRIGGER
AUDIO DUB LED
INSERT
SERIAL CLOCK
SERIAL DATA
TUNER
P7402
10
A V
VTR 12V
REV SW
SP / LP
STOP / FF / REW
MOTOR VM DOWN
CAP QUICK
CAP ON/OFF/RESET
SLOW/STILL/STOP
CUE/REV
COS
CIS
HC
CCD
REC 12V
S. TAB
F. ERASE 12V
FLYING ERASE
TO LUMINANCE & CHROMINANCE / AUDIO SECTION
TO SERVO
TO LUMINANCE & CHROMINANCE
TO SERVO/AUDIO
TO SERVO
RF CONVERTER
RF IN
RF OUT
TUNER ENV57830HQ
CLOCK DATA CS
T710
IF MATCHING TRANSFORMER
Q710
AMP
X710
IC701 (M51366SP)
1ST IF AMP
2ND IF AMP
SIF DET.
VIDEO DET
APC DET
AFT
EQ
VCO
BUFFER
Q771
TP707
X711
5.5MHz TRAP
VR741
FREQ RESPONSE
REF V.
Q703
VIDEO OUT
T703
VCO
T704
AFC DET
5.5MHz TRAP
5.74MHz TRAP
DECODER
AUDIO OUT (L)
AUDIO OUT (R)
IC 7501 (MN187125VFQ)
CS
DATA
CLOCK
SERIAL CLOCK
SERIAL DATA
P7503
1
2
7
(RESET IC)
IC 6004 (MN1280R)
(TUNER DATA MEMORY IC)
IC 7504 (MN1280S)
IC 7502 (MN12261)
REG 6V
QR7501
PCLR
OUT
POWER FAILIAR DET
P12
P26
P00
P01
C3
C2
C1
OSC 1
OSC 2
X7501
4.19MHz
TIMER OSC
SEG 0
SEG16
A GRID F
A GRID O
SEGMENT SIGNALS
GRID SIGNALS
STOP
EJECT
REW
FF
STILL
REC
A.DUB
PLAY/X2
INSERT
C.R.
TAPE REMAINING
T.SET
LP / SP
CH UP
CH DN
CLOCK
PRO/ CHACK
NEXT/ FAST
TRACK UP
TRACK DN
ON UP
ON DN
OFF UP
OFF DN
N/P/F
VPS
CLEAR
P40
P41
P42
P43
P44
P50
P51
P52
P53
P54
P55
P56
P57
P60
P61
VDD
X0
X1
IRQ
RESET
METER ON / OFF
32KHz
X7502
(FOR BACK UP)
D1004
P7501
3
R1003
C1003
(BACK - UP CAPACITOR)
P1001
14
NON SW 5.3V (FROM POWER)
IR RECIEVER C.B.A. (VEP06552A)
IC 6701 (μPC1490HA)
VR6701
IC 7503 (MN1280L/K)
REG 5V
VPS PACK C.B.A. (VEP07538A)
IC 7851 (MN158413VHW)
IC 7852 (MN1280T)
IC 7801 (SAA4700)
VPS PACK
4
BACK - UP 5V
SBT
SBO
SBI
CLK
DATA IN
DATA OUT
CPU CLOCK
CPU DATA 2
CPU DATA 1
PACK
QR7851
QR7852
SYS. 5V
FROM DEMODULATOR
VIDEO SIGNAL
TAKT GENERATOR (PLL)
DATA SLICING
SYNCHRON PULSE SEPARATOR
DP7501 VSL0144
1GB
2GB
S1B
S2B
S3B
L
R
dB

3—2 3—3 3—4



SYMBOL	TRUTH VALUE TABLE
INVERTER (a) ○—▷○— (b)	IN (a): H, L OUT (b): L, H
COMPARTOR (a), (b) inputs; (c) output	IN (a), (b): (a)>(b) → H; (a)<(b) → L OUT (c): H, L
AND CIRCUIT (a), (b) inputs; (c) output	IN (a): L, L, H, H IN (b): L, H, L, H OUT (c): L, L, L, H
OR CIRCUIT (a), (b) inputs; (c) output	IN (a): L, L, H, H IN (b): L, H, L, H OUT (c): L, H, H, H
THREE STATES BUFFER (a), (b) inputs; (c) output	IN (a): H, L, H or L IN (b): L, L, H OUT (c): H, L, ※ ※ High Impedance
TR. SW (NPN TYPE) (C), (B), (E)	BASE: H, L TR. SW: ON, OFF
TR. SW (PNP TYPE) (E), (B), (C)	BASE: H, L TR. SW: OFF, ON
R-S TYPE FLIP-FLOP (a), (b) inputs; (c), (d) outputs	IN (a): L, L, ⎍ IN (b): L, ⎍, L OUT (c): ※, L, H OUT (d): ◆, H, L ※ Initial condition is maintained. ◆ Initial condition is reverced.

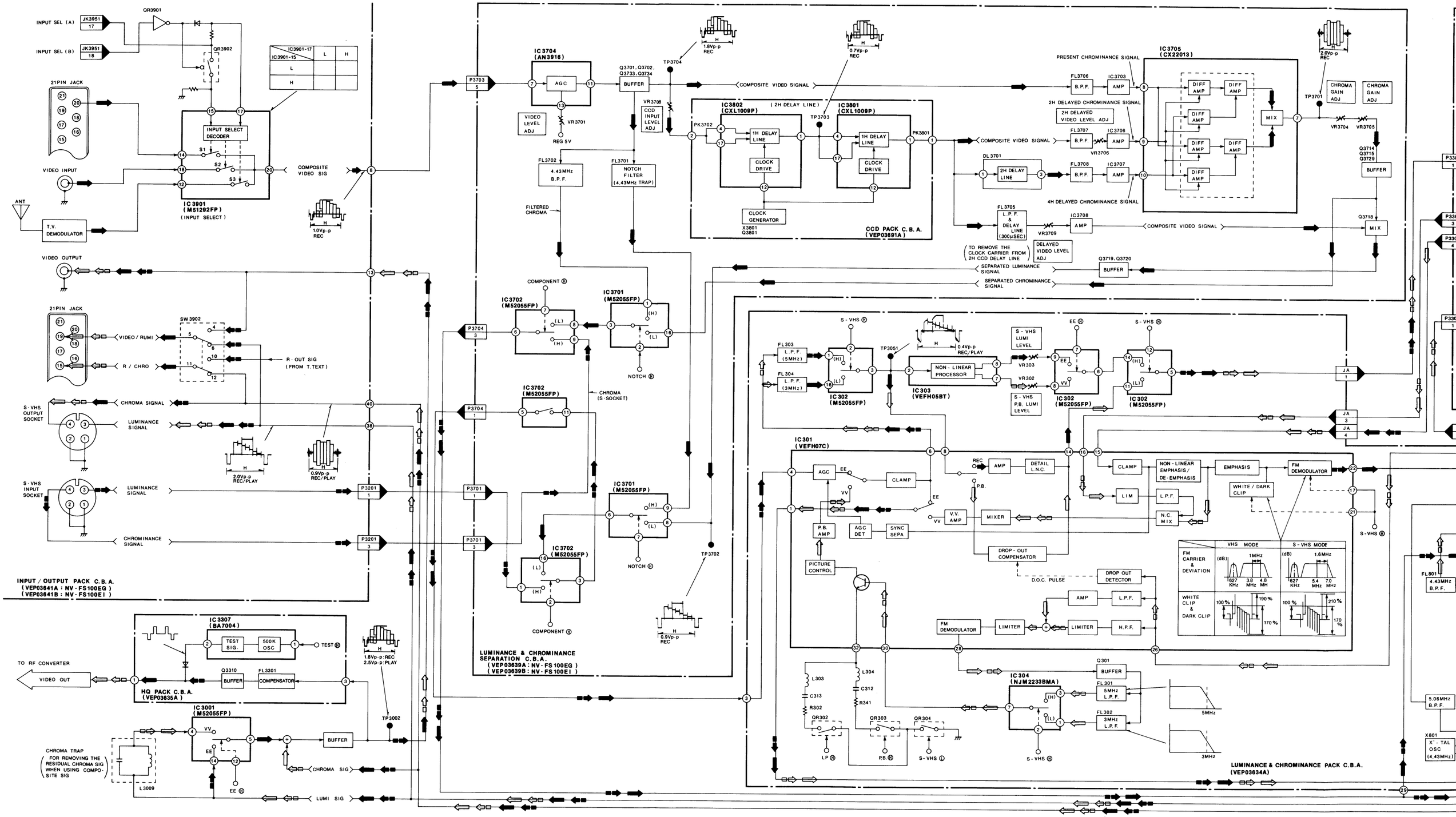
Next Page:
LUMINANCE & CHROMINANCE Section

3-2. LUMINANCE & CHROMINANCE BLOCK DIAGRAM

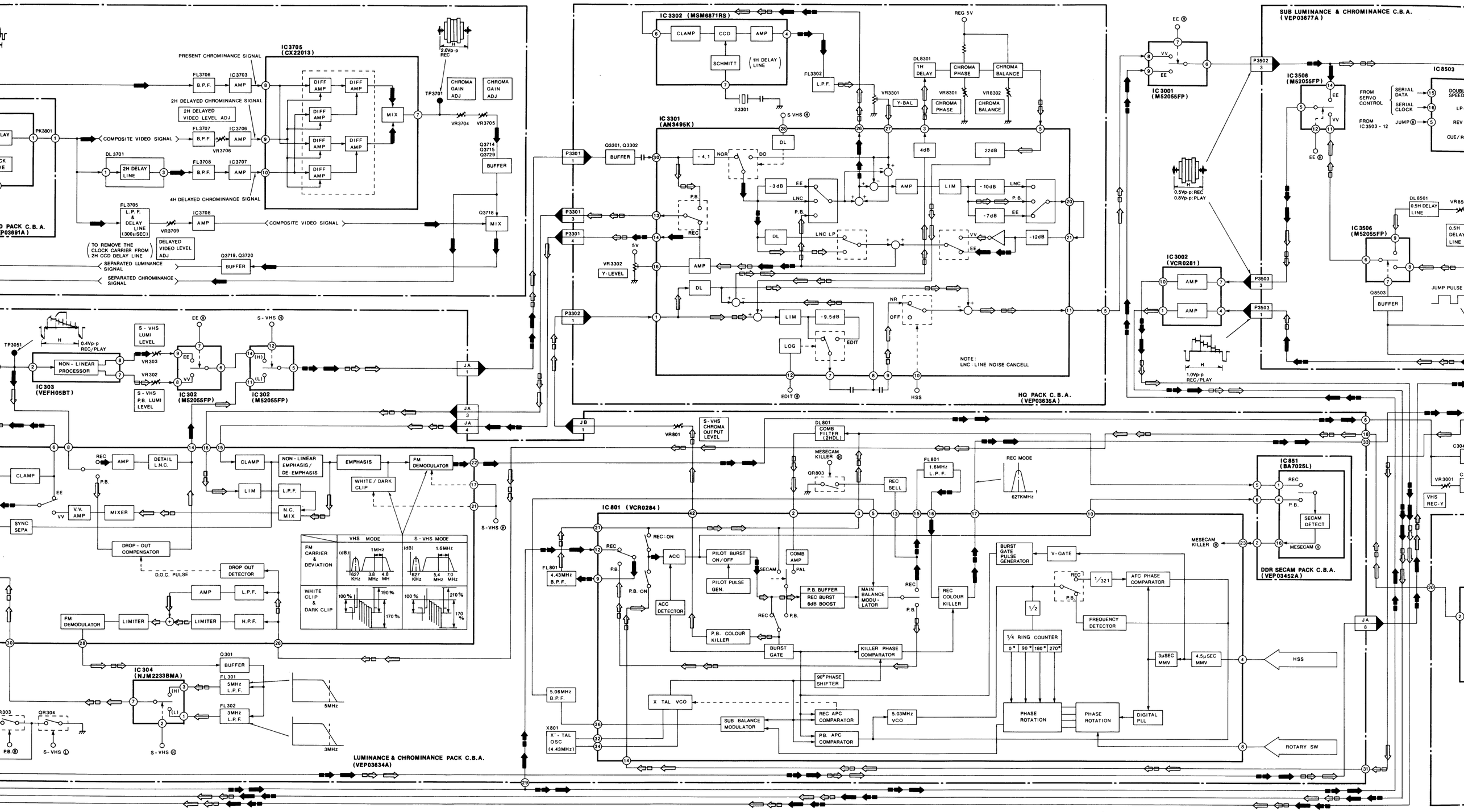
MAIN SIGNAL PATH IN REC MODE (VHS)

MAIN SIGNAL PATH IN REC MODE (S-VHS)

MA

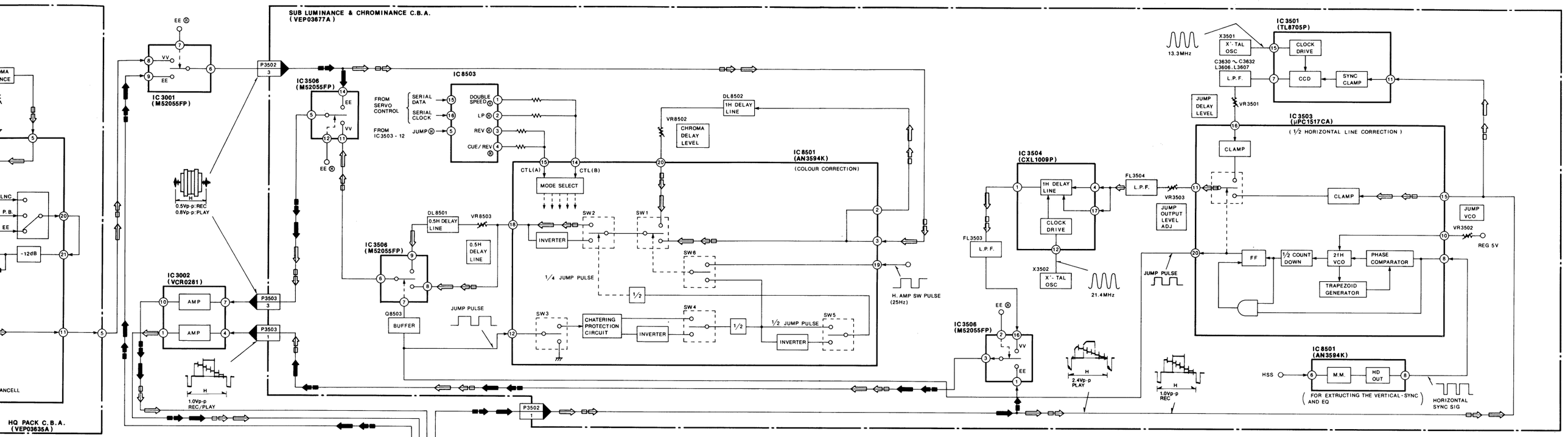


VHS) ◀■ MAIN SIGNAL PATH IN REC MODE (S-VHS) ⇦ MAIN SIGNAL PATH IN PLAYBACK MODE (VHS) ⇦□ MAIN SIGNAL PATH IN PLAYBACK MODE (S-VHS)



3—7 3—8 3—9

⇦□ MAIN SIGNAL PATH IN PLAYBACK MODE (S-VHS)



3-3. SERVO BLOCK DIAGRAM

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

IC2204 (MN4052BS)

SP (H) \ REV (H)	L	H
L	SØ	S2
H	S1	S3

IC2205 (MN6742VCMK)

IC2901 (AN3815K)

IC5001 (M52054SP)

IC2202 (MN4013BS)

IC2201 (AN3726K)

IC2302 (MN4066B)

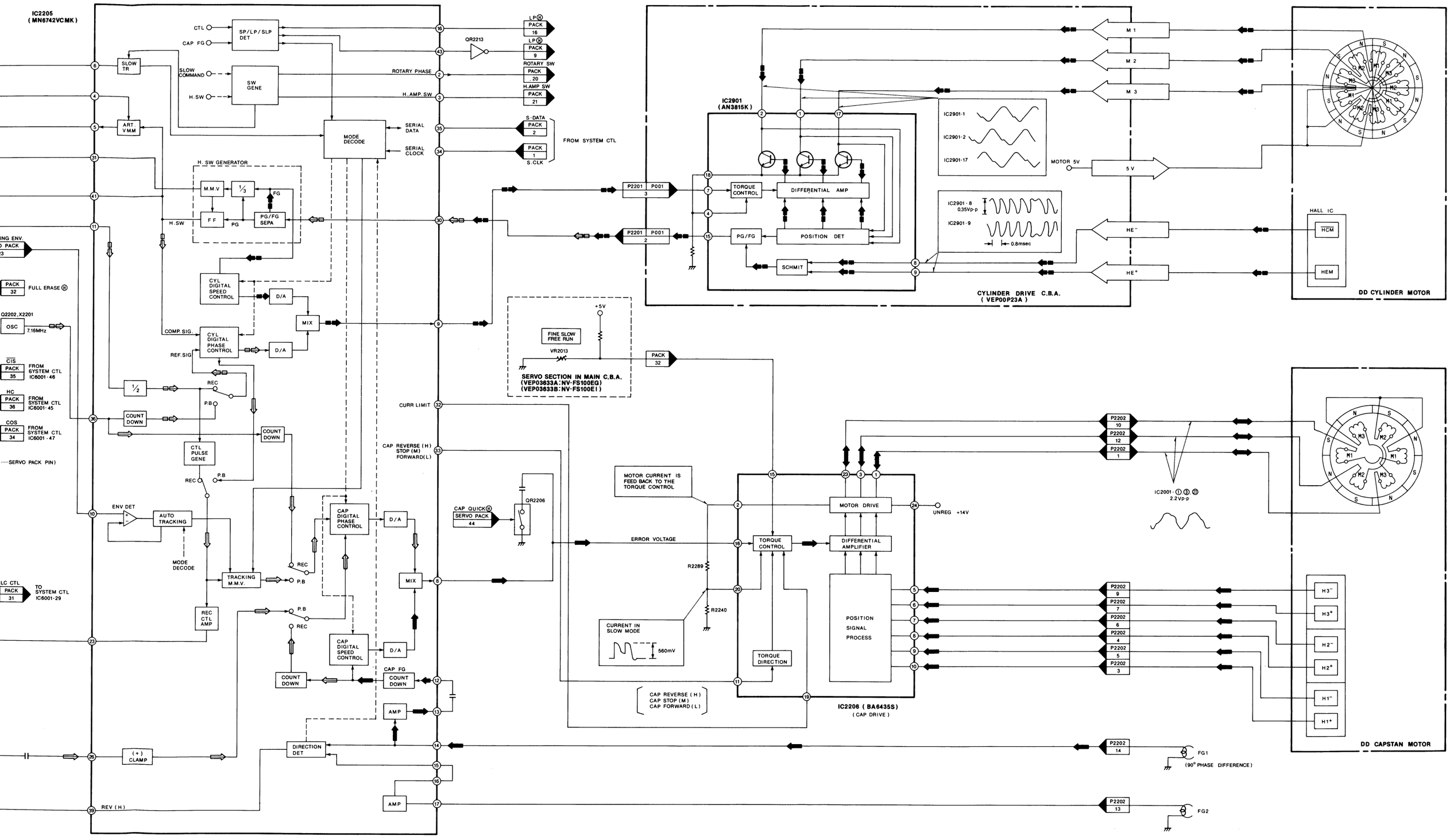
IC2206 (BA6435S) (CAP DRIVE)

SERVO SECTION IN MAIN C.B.A. (VEP03833A:NV-FS100EG) (VEP03833B:NV-FS100EI)

3—11

3—12

E LOOP ◀■ CYLINDER SERVO SPEED LOOP ⇦ CAPSTAN SERVO PHASE LOOP ◀ CAPSTAN SERVO SPEED LOOP

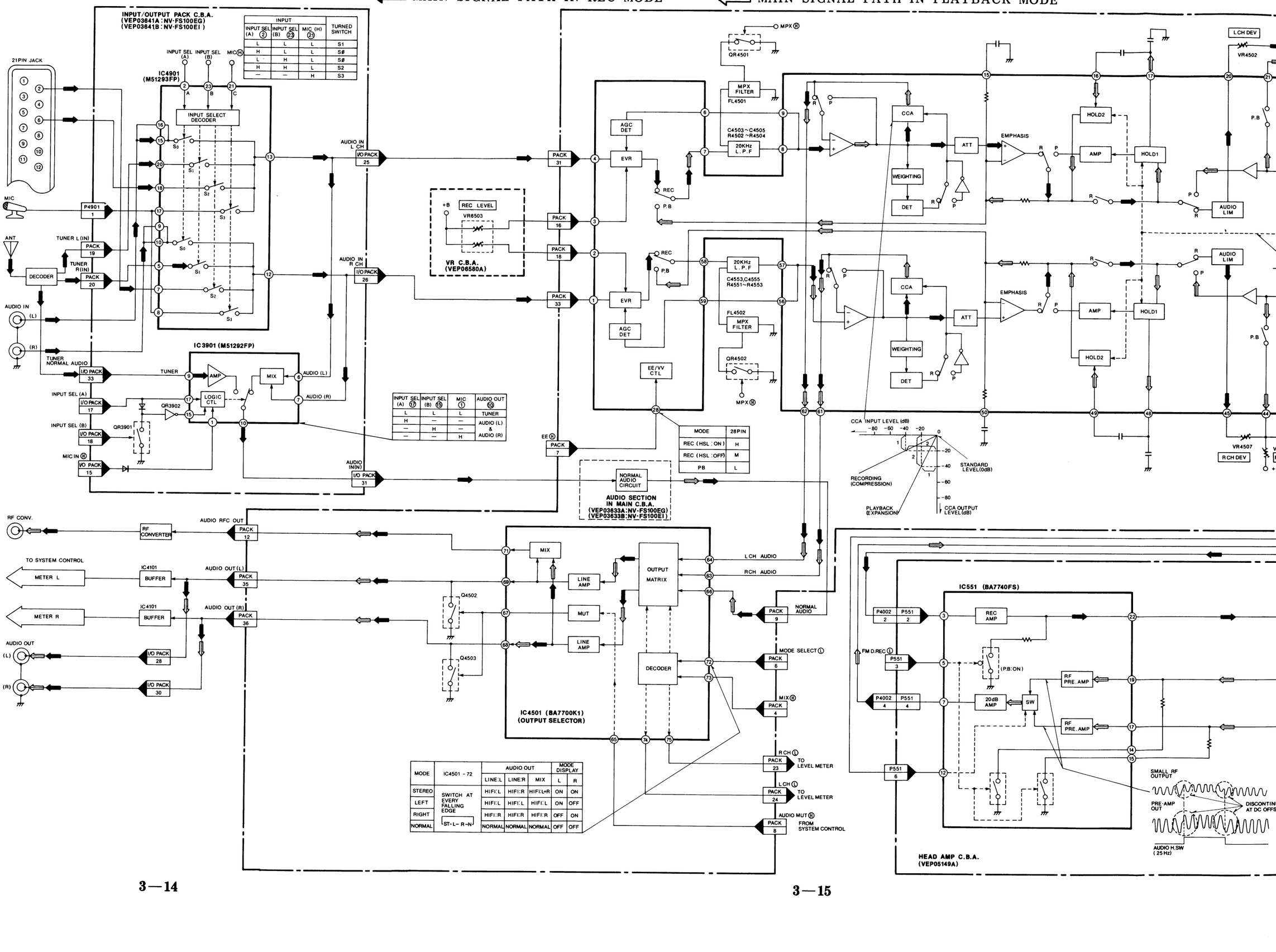


Next Page:
Hi-Fi AUDIO Section

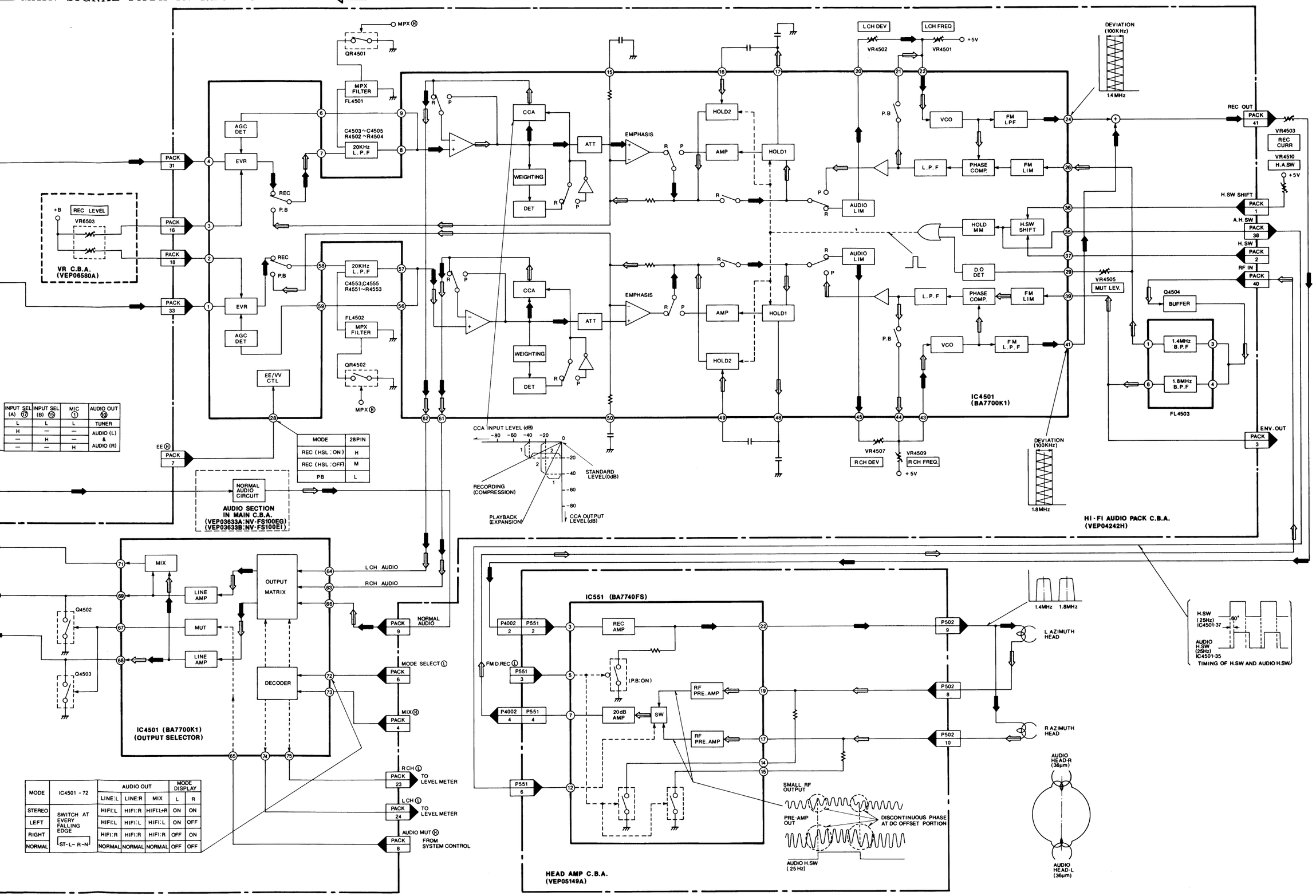
3-4. Hi-Fi AUDIO BLOCK DIAGRAM

MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL PATH IN PLAYBACK MODE



■ MAIN SIGNAL PATH IN REC MODE ⇦ MAIN SIGNAL PATH IN PLAYBACK MODE

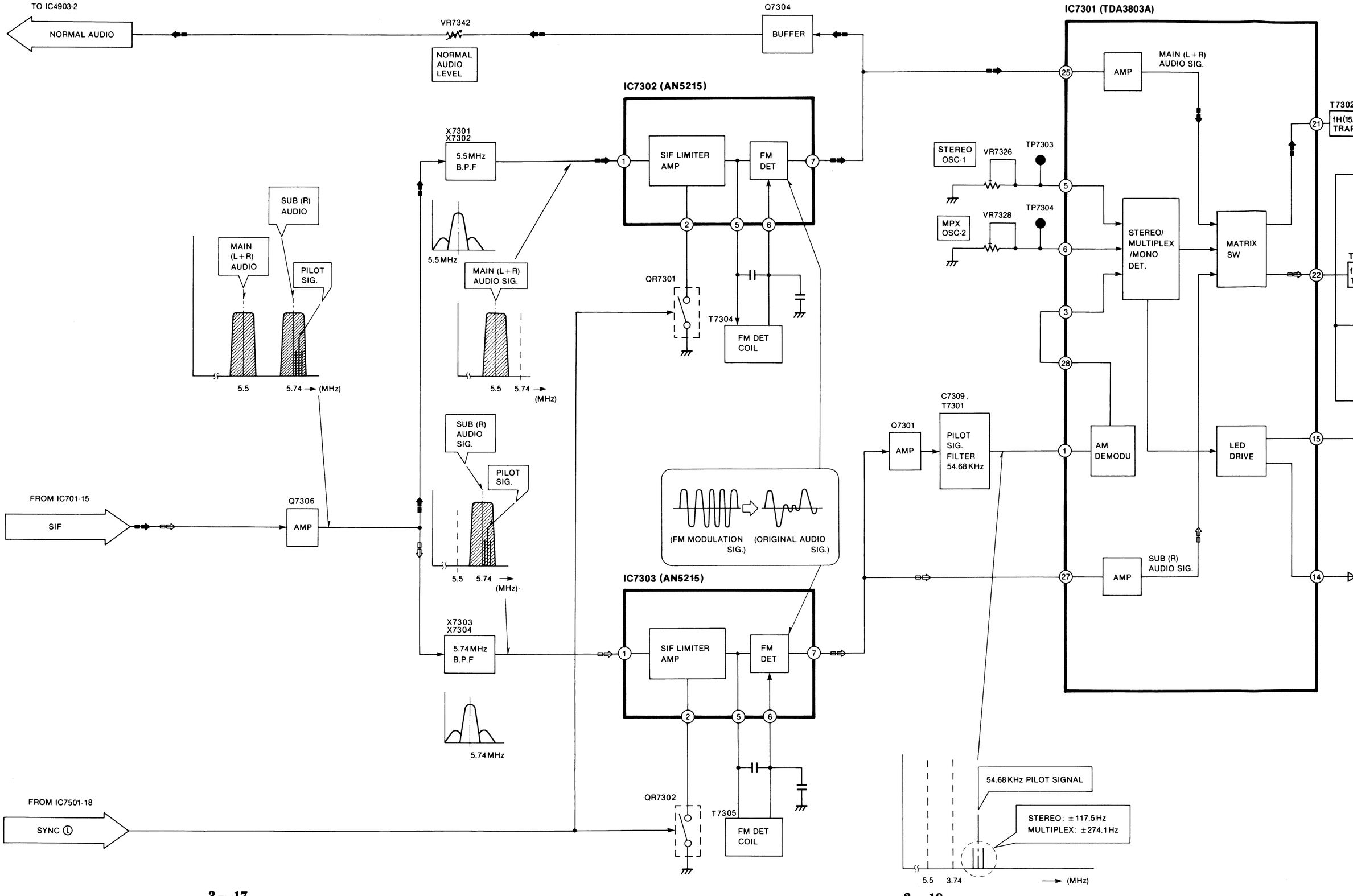


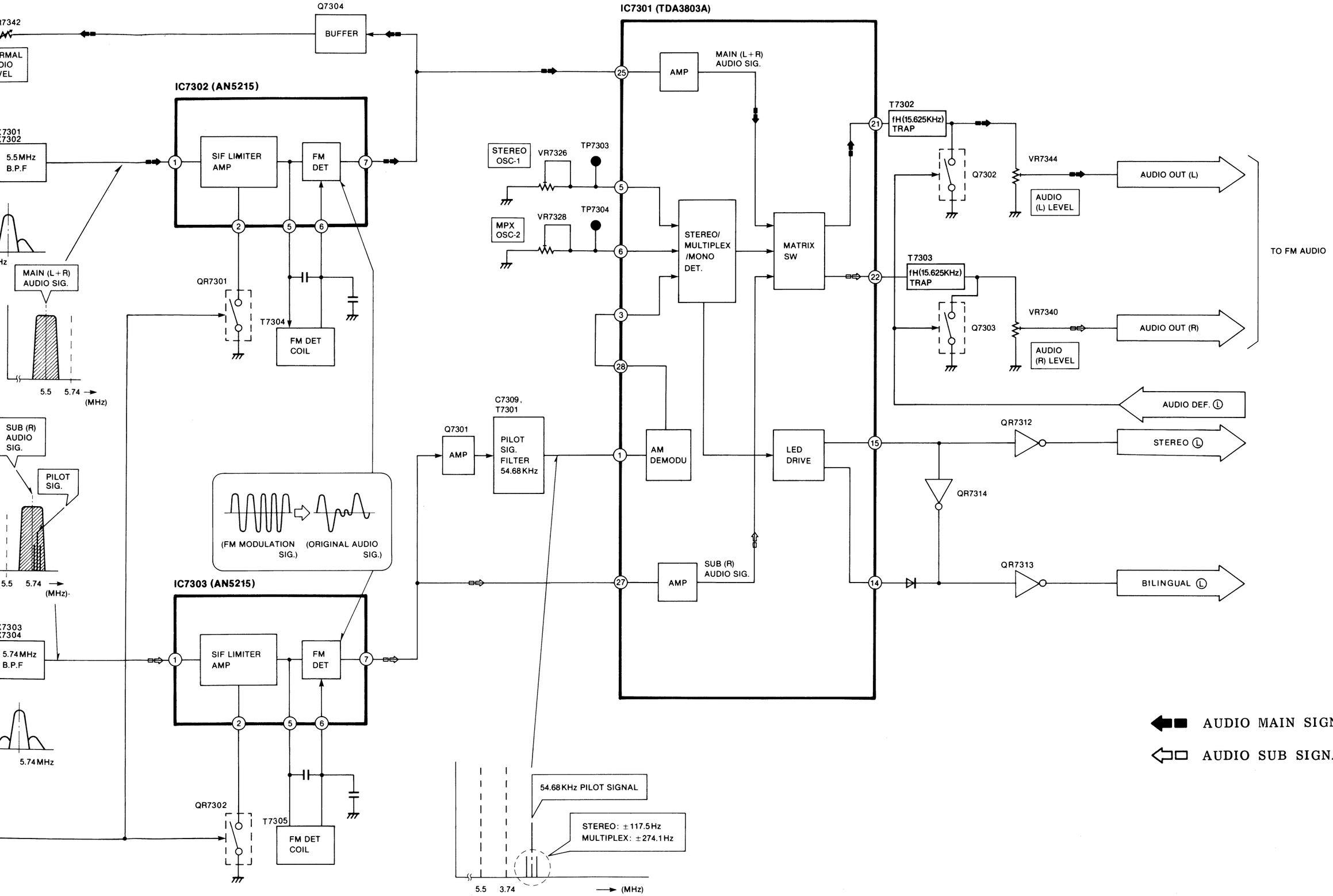
INPUT SEL (A) ⑰	INPUT SEL (B) ⑮	MIC ①	AUDIO OUT ⑩
L	L	L	TUNER
H	—	—	AUDIO (L) & AUDIO (R)
—	H	—	
—	—	H	

MODE	28PIN
REC (HSL : ON)	H
REC (HSL : OFF)	M
PB	L

MODE	IC4501 - 72	AUDIO OUT			MODE DISPLAY	
		LINE:L	LINE:R	MIX	L	R
STEREO	SWITCH AT EVERY FALLING EDGE (ST-L-R-N)	HIFI:L	HIFI:R	HIFI:L+R	ON	ON
LEFT		HIFI:L	HIFI:L	HIFI:L	ON	OFF
RIGHT		HIFI:R	HIFI:R	HIFI:R	OFF	ON
NORMAL		NORMAL	NORMAL	NORMAL	OFF	OFF

3-5. DECODER BLOCK DIAGRAM



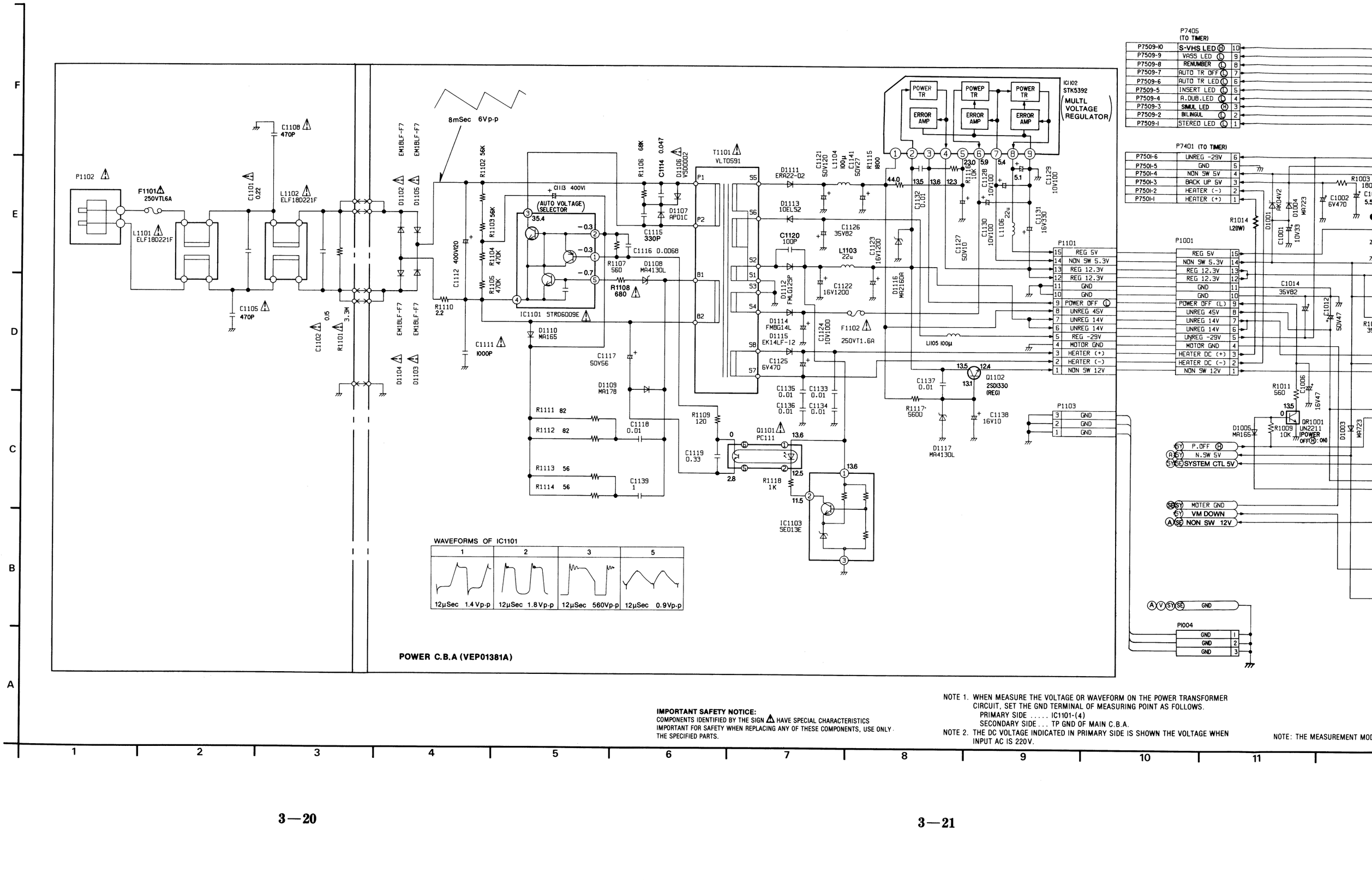


AUDIO MAIN SIGNAL PATH

AUDIO SUB SIGNAL PATH

Next Page: POWER Section

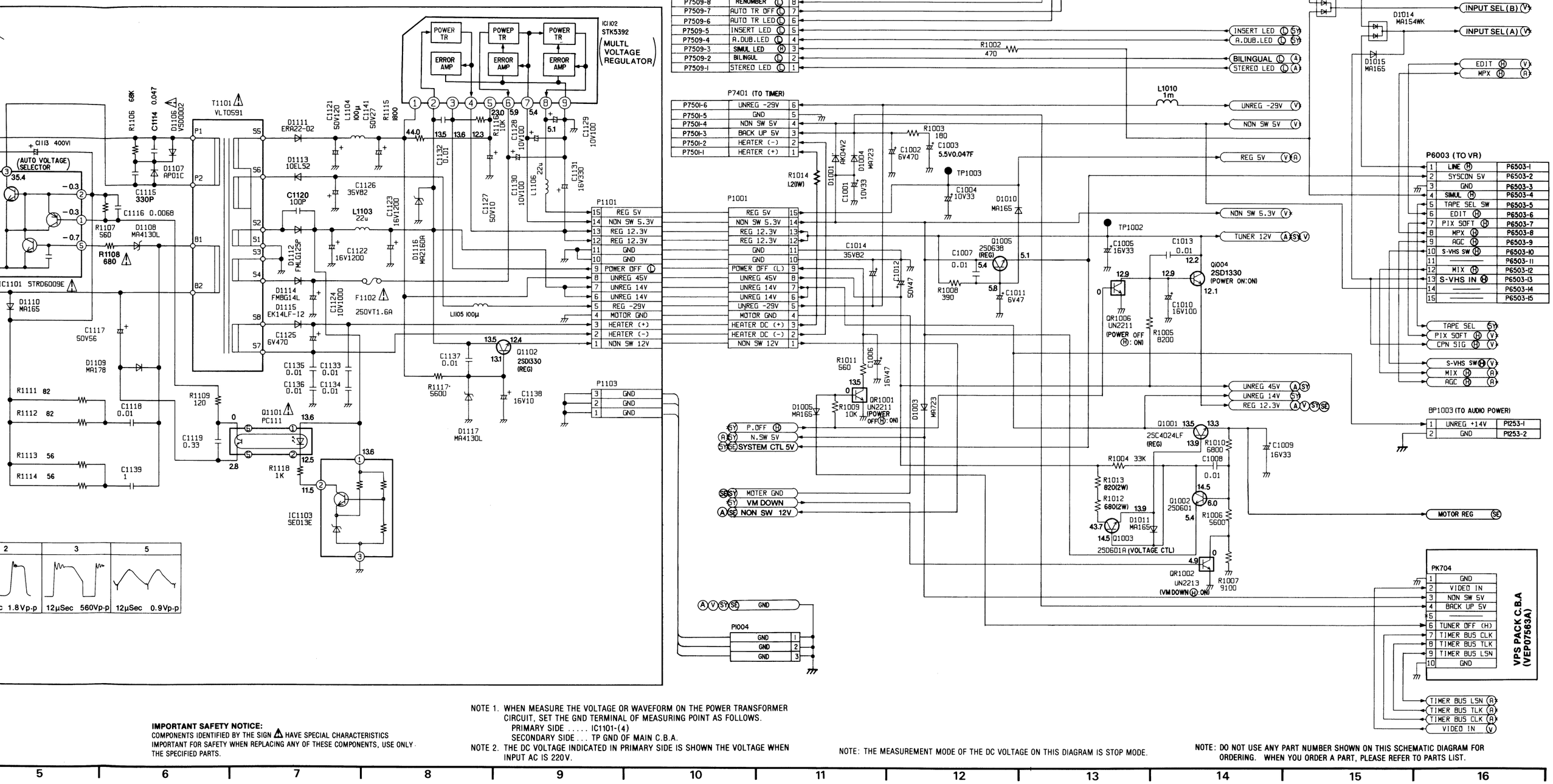
3-6. POWER SCHEMATIC DIAGRAM



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

NOTE 1. WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORMER CIRCUIT, SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.
PRIMARY SIDE ..... IC1101-(4)
SECONDARY SIDE ... TP GND OF MAIN C.B.A.
NOTE 2. THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WHEN INPUT AC IS 220V.

NOTE: THE MEASUREMENT MODE OF



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

NOTE 1. WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORMER CIRCUIT, SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.
PRIMARY SIDE ..... IC1101-(4)
SECONDARY SIDE ... TP GND OF MAIN C.B.A.
NOTE 2. THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WHEN INPUT AC IS 220V.

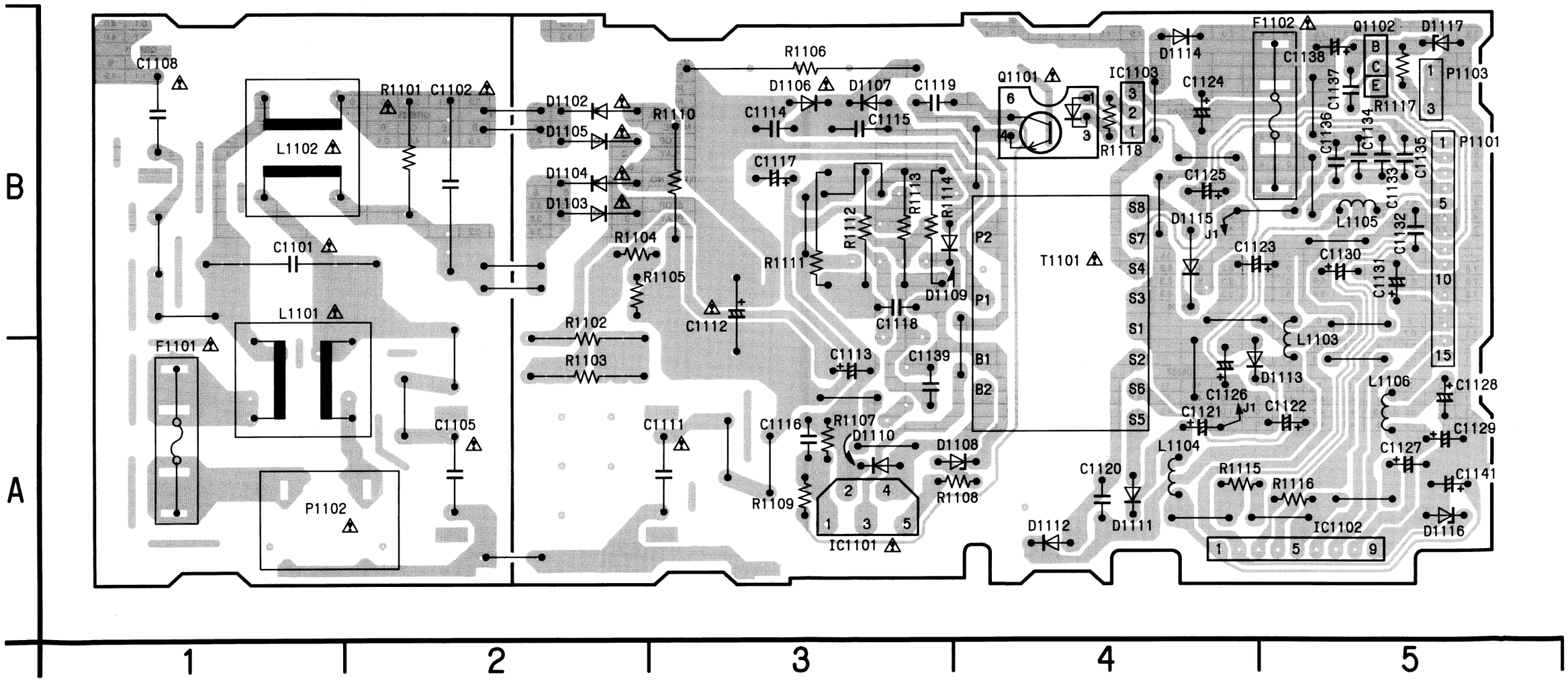
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

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

3-7. POWER C.B.A. (VEP01381A)

POWER C.B.A.	
Transistor	
Q1101	B-4
Q1102	B-5
Integrated Circuit	
IC1101	A-3
IC1102	A-5
IC1103	B-4
Connector	
P1101	B-5
P1102	A-1
P1103	B-5

ADDRESS INFORMATION



SYSTEM CONTROL ICs DC VOLTAGE CHART (S-VHS: SP MODE)

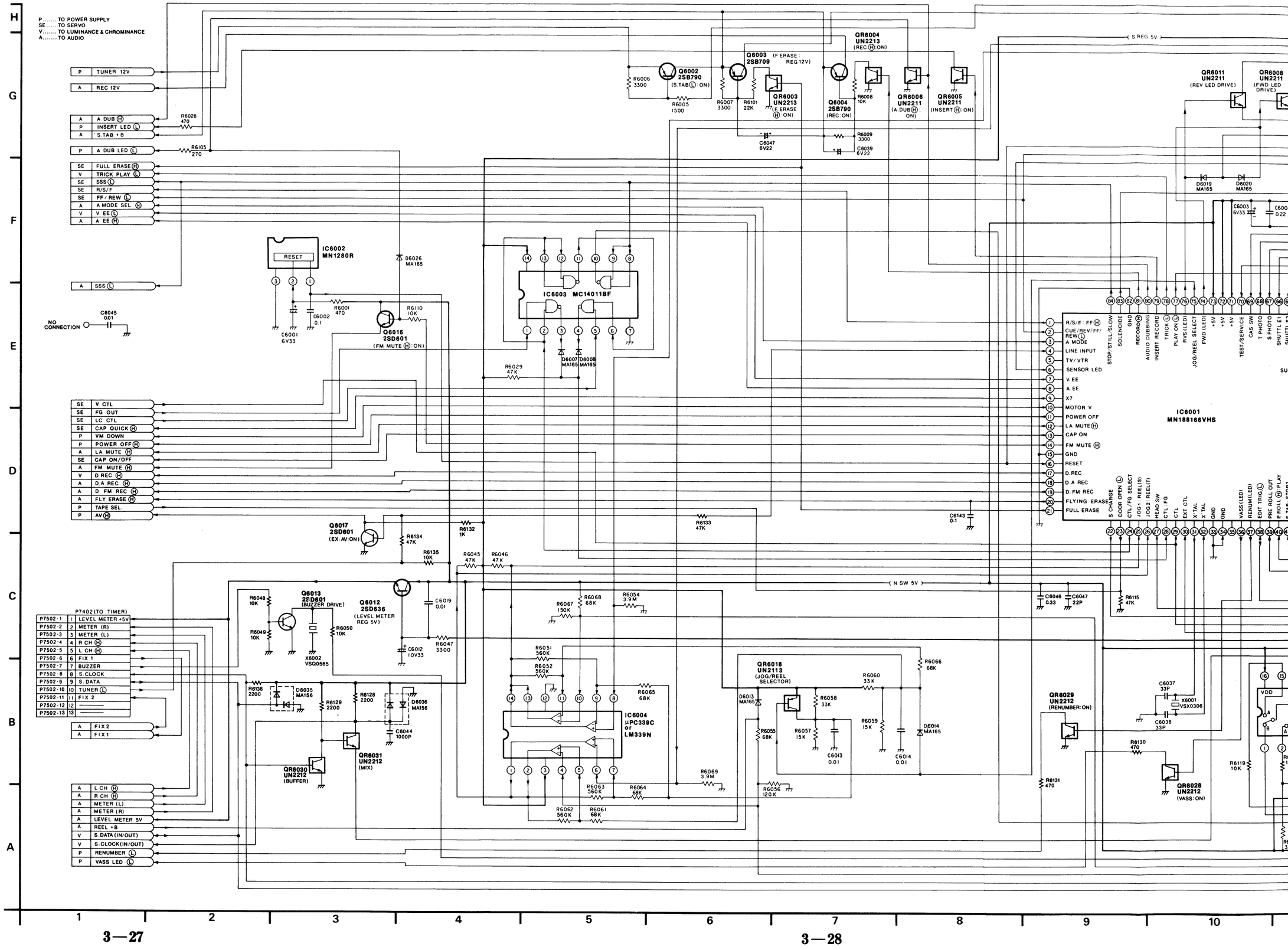
REF. NO.	IC6001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	2.1	4.9	0	4.9	0	4.4	0.1	4.9	0	4.9	0	0	0	0	0	4.6	0.1	0	0	0
PLAY	0	4.9	0	4.9	0	4.4	4.9	0	0	0	0	0	4.9	0	0	4.6	0.1	0	0	0
FF	0	0	0	4.9	0	4.4	0.1	4.9	4.9	4.9	0	0	4.9	0	0	5.0	0.1	0	0	0
REF. NO.	IC6001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
STOP	0	0	0	0	4.8	4.8	0	5.1	0.1	5.1	—	—	0	0	4.9	0	0	4.9	0	1.0
PLAY	0	0	0	0	4.8	4.8	3.0	2.6	3.0	3.4	—	—	0	0	4.9	0	0	4.9	0	0
FF	0	0	0	0	2.6	2.5	0	2.1	4.4	5.1	—	—	0	0	4.9	0	0	4.9	0	1.0
REF. NO.	IC6001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
STOP	1.0	3.9	4.9	4.9	4.9	4.9	4.9	4.9	0.4	0.1	0	4.6	4.5	0.2	4.9	4.9	4.9	0	3.9	0
PLAY	1.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	0.4	0.2	0	4.6	4.4	0.2	4.9	4.9	4.9	0	3.9	0
FF	1.0	3.9	4.9	4.9	4.9	4.9	4.9	4.9	0.4	0.1	0	4.6	4.5	0.2	4.9	4.9	4.9	0	3.9	0
REF. NO.	IC6001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
STOP	3.9	0	0	0	3.3	4.6	4.6	4.7	2.0	4.0	4.9	4.9	4.9	0	0	0	4.9	4.9	0	0
PLAY	3.8	0	0	0	3.3	4.6	4.6	4.7	2.0	4.0	4.9	4.9	4.9	0	0	0	0.1	4.9	0	0
FF	3.9	0	0	0	3.3	4.6	4.6	4.7	2.0	4.0	4.9	4.9	4.9	0	0	0	4.9	4.9	0	0
REF. NO.	IC6001										IC6002									
MODE	81	82	83	84							1	2	3							
STOP	0	0	4.9	4.9							4.6	4.9	0							
PLAY	0	0	4.9	4.9							4.6	4.9	0							
FF	0	0	4.9	4.9							5.0	5.0	0							
REF. NO.	IC6003																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
STOP	5.1	0	5.1	0	5.1	5.1	0	4.9	4.9	0	5.1	0	0	5.1						
PLAY	2.7	0	5.1	2.4	3.6	5.1	0	4.9	4.9	0	5.1	0	0	5.1						
FF	2.4	0	5.1	2.2	2.8	5.1	0	4.9	4.9	0	5.1	0	0	5.1						
REF. NO.	IC6004																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
STOP	4.8	4.8	5.1	0.2	2.0	3.5	5.0	3.5	4.5	2.6	1.4	0	0	0						
PLAY	4.8	4.8	5.1	3.0	2.0	3.5	4.7	3.5	4.9	2.9	2.0	0	4.8	4.8						
FF	2.6	2.6	5.1	1.5	1.7	3.5	4.7	3.5	4.8	1.4	1.7	0	2.5	2.6						
REF. NO.	IC6005																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
STOP	7.8	8.1	8.1	1.2	5.9	5.9	0	5.9	8.2	8.2	8.2	0	7.0	4.9	4.9	0				
PLAY	7.8	8.1	8.1	1.2	5.9	5.9	0	5.9	8.3	8.3	8.3	0	7.0	4.9	4.9	0				
FF	7.8	8.1	8.1	1.2	5.9	5.9	0	5.9	8.3	8.3	8.3	0	7.0	4.9	4.9	0				
REF. NO.	IC6006																			
MODE	1	2	3	4	5	6	7	8												
STOP	5.1	0	0.7	0	0	2.9	0.1	5.1												
PLAY	3.0	1.1	0.7	0	1.0	2.9	0.1	5.1												
FF	5.1	0	0.7	0	0	2.9	0.1	5.1												
REF. NO.	IC6007																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
STOP	0.1	4.9	0.5	0	4.9	4.9	4.9	0	1.0	4.9	3.9	1.0	1.0	0	4.9	4.9				
PLAY	0.1	4.9	0.5	4.9	4.9	4.9	4.9	0	1.0	4.9	4.9	1.0	0	3.8	0	4.9				
FF	0.1	4.9	0.5	0	4.9	4.9	4.9	0	1.2	4.9	3.6	1.0	1.0	3.9	4.9	4.9				

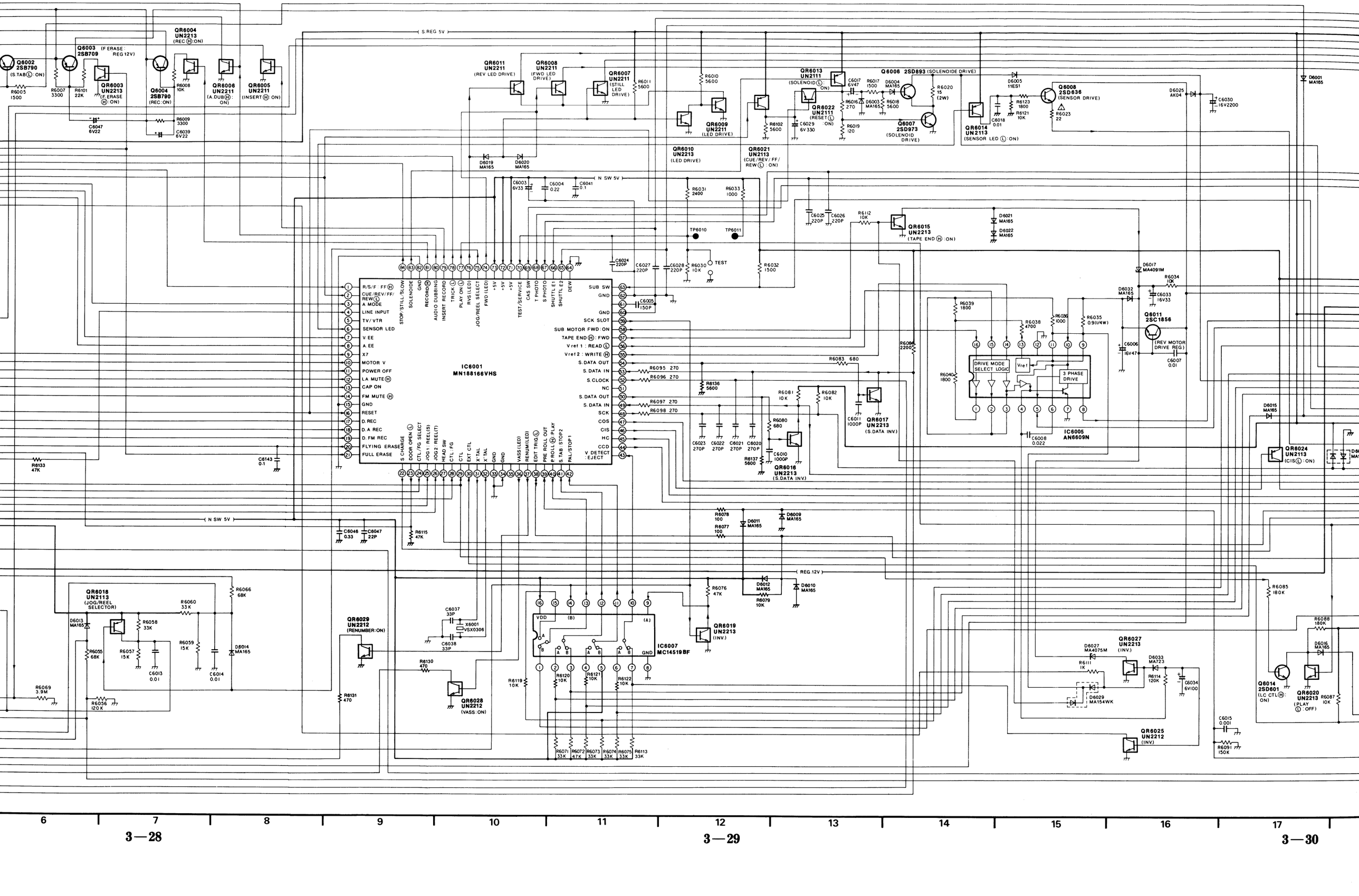
Back Page:
POWER Section

SYSTEM CONTROL TRs DC VOLTAGE CHART (S-VHS: SP MODE)

REF. NO.	Q6002			Q6003			Q6004			Q6006			Q6007			Q6008		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP	12.2	12.2	11.5	12.2	0.2	12.2	12.2	0	12.2	13.5	13.5	5.3	0	13.5	0	0.6	13.5	0.4
PLAY	12.2	12.2	11.5	12.2	0.3	12.2	12.2	0	12.2	13.4	13.4	5.2	0	13.4	0	0.6	13.4	0.4
FF	12.2	12.2	11.5	12.2	0.2	12.2	12.2	0	12.2	13.5	13.5	5.3	0	13.5	0	0.6	13.5	0.6
REF. NO.	Q6011			Q6012			Q6013			Q6014			Q6015			Q6017		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP	8.2	13.5	9.4	4.9	5.0	5.7	0	0	0.7	0	0	0.6	−0.1	4.9	0	0	0.1	0.7
PLAY	8.3	13.4	9.4	4.9	5.0	5.7	0	0	0.7	0	1.2	0.4	−0.1	4.9	0	0	0.1	0.7
FF	8.3	13.5	9.4	4.9	5.0	5.7	0	0	0.7	0	0	0.4	−0.1	4.9	0	0	0.1	0.7
REF. NO.	QR6003			QR6004			QR6005			QR6006			QR6007			QR6008		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP	0	12.2	0	0	12.2	0	0	3.4	0	0	3.4	0	0	5.1	0.6	0	3.6	0
PLAY	0	12.2	0	0	12.2	0	0	3.4	0	0	3.4	0	0	5.0	0.6	0	3.5	0
FF	0	12.2	0	0	12.2	0	0	3.4	0	0	3.4	0	0	5.1	0.6	0	3.6	0
REF. NO.	QR6009			QR6010			QR6011			QR6013			QR6014			QR6015		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP	0	0	3.3	0	3.3	0.6	0	3.6	0	5.1	0	4.9	5.1	0.5	4.4	0	0.1	4.0
PLAY	0	0	3.3	0	3.3	0.6	0	3.6	0	5.1	0	4.9	5.1	0.5	4.4	0	0.1	4.0
FF	0	0	3.3	0	3.3	0.6	0	3.6	0	5.1	0	4.9	5.1	0.5	4.4	0	0.1	4.0
REF. NO.	QR6016			QR6017			QR6018			QR6019			QR6020			QR6021		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP	0	0.4	0.1	0	4.5	0.3	5.1	5.0	0	0	1.0	3.9	0	0	4.9	5.1	1.1	4.9
PLAY	0	0.4	0.2	0	4.5	0.2	5.1	5.0	0	0	1.0	3.8	0	1.0	0.1	5.1	1.0	4.9
FF	0	0.4	0.1	0	4.5	0.2	5.1	5.0	0	0	1.2	3.9	0	0	4.9	5.1	5.0	0
REF. NO.	QR6022			QR6024			QR6025			QR6027			QR6028			QR6029		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP	1.1	0	4.6	4.9	0	4.9	0	4.9	0.1	0	2.5	0	0	3.4	0	0	3.4	0
PLAY	1.0	0	4.6	4.9	0	4.9	0	4.9	0.1	0	2.6	0	0	3.4	0	0	3.5	0
FF	5.0	0	5.0	4.9	0	4.9	0	4.9	0.1	0	2.5	0	0	3.4	0	0	3.5	0
REF. NO.	QR6030			QR6031														
MODE	E	C	B	E	C	B												
STOP	0	0.2	4.5	3.9	4.7	0.2												
PLAY	0	0.2	4.6	3.8	4.7	0.2												
FF	0	0.3	4.5	3.9	4.7	0.2												

3-8. SYSTEM CONTROL SCHEMATIC DIAGRAM





6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17

3—28 3—29 3—30

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

P7404 (TO TIMER)

SHUTTLE (L)	1	P7506-1
SHUTTLE (H)	2	P7506-2
SYSTEM CTL 5V	3	P7506-3
JOG 1	4	P7506-4
JOG 2	5	P7506-5
REV. LED (L)	6	P7506-6
STILL LED (L)	7	P7506-7
FWD LED (L)	8	P7506-8

P4004

GND	1
FULL ERASE 12V	2

P6002

T. PHOTO	1
S. PHOTO	2
CASSETTE SW	3
GND	4

S-VHS TAPE (L)	A
S-VHS TAPE (L)	V
N SW 5V	P
UNREG 45V	P
UNREG 14V	P
MOTOR GND	P
REG. 12.3V	P
SYSTEM CTL 5V	P
REV. MOTOR (+)	SE
REV. MOTOR (−)	SE

P6001

PLAY PO.	1
S-VHS TAPE (L)	2
GND	3
SOLENOID (−)	4
EJECT PO.	5
SOLENOID (+)	6
STOP PO.	7
STOP 2 PO.	8
REEL PULSE (T)	9
SUB SW	10
S TAB (L)	11
PHOTO SENSOR +B	12
REEL PULSE (S)	13
MOTOR GND	14
SENSOR LED	15

S. CLOCK	SE
S. DATA	SE
COS	SE
CIS	SE
HC	SE
CCD	SE
H SW	SE
SPEED CHG (H)	SE
PLAY (L)	V
S. CLOCK	V
S. DATA	V
PREROLL (H)	V
EDIT TRIG (L)	V

FE HEAD

P1502

1	GND
2	F. ERASE 12V

FE HEAD C.B.A. (VEP00K88C)

P1508

6	T. PHOTO
5	S. PHOTO
4	CASSETTE SW
3	GND
2	GND
1	S. PHOTO

PHOTO TR. (T) C.B.A.

P1507

2	S. PHOTO
1	GND

PHOTO TR. (S) C.B.A. (VEK3578)

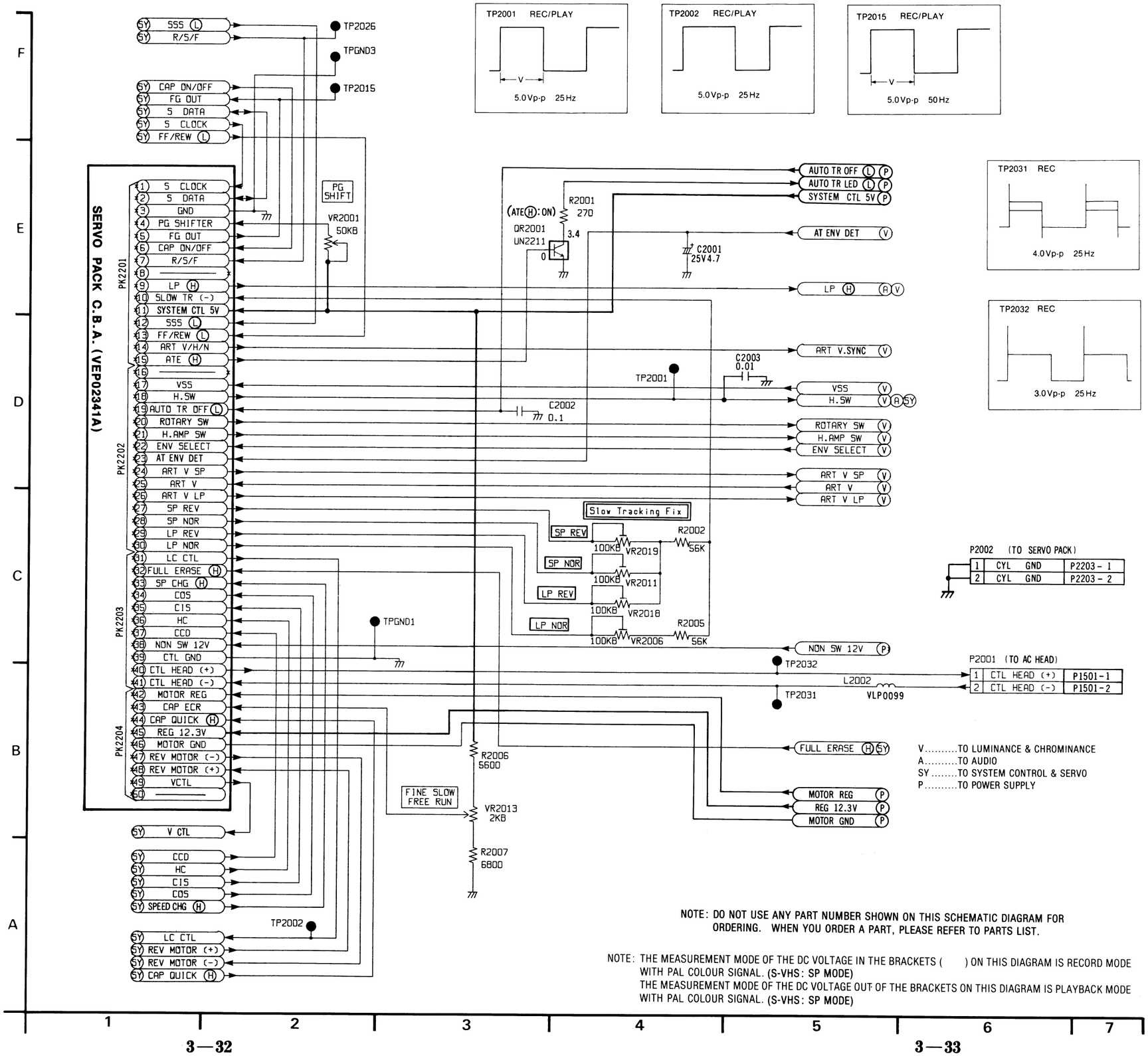
MODE SW

P1504

15	PLAY PO.
14	S-VHS TAPE (L)
13	GND
12	SOLENOID (−)
11	EJECT PO.
10	SOLENOID (+)
9	STOP PO.
8	STOP 2 PO.
7	REEL PULSE (T)
6	SUB SW
5	S. TAB (L)
4	PHOTO SENSOR +B
3	REEL PULSE (S)
2	MOTOR GND
1	SENSOR LED

MECHANISM CONNECTION C.B.A. (VXA3825)

3-9. SERVO SCHEMATIC DIAGRAM

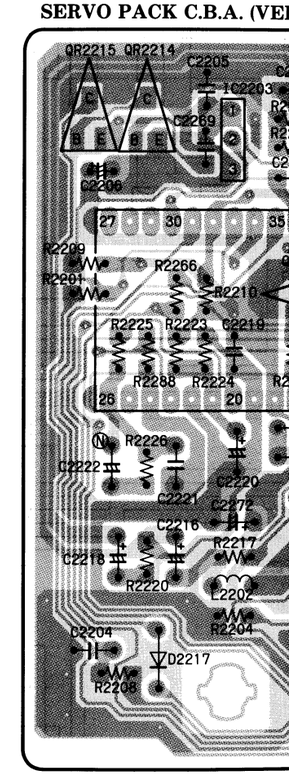


NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

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

3-10. SERVO PACK C.B.

SERVO PACK C.B.A. (VE



PLAY

25Hz

TP2015 REC/PLAY

V

5.0Vp-p 50Hz

AUTO TR OFF (L) (P)
AUTO TR LED (L) (P)
SYSTEM CTL 5V (P)

AT ENV DET (V)

TP2031 REC

4.0Vp-p 25Hz

LP (H) (A) (V)

TP2032 REC

3.0Vp-p 25Hz

ART V.SYNC (V)

C2003
0.01

VSS (V)
H.SW (V) (A) (SY)

ROTARY SW (V)
H.AMP SW (V)
ENV SELECT (V)

ART V SP (V)
ART V (V)
ART V LP (V)

P2002 (TO SERVO PACK)

1	CYL	GND	P2203 - 1
2	CYL	GND	P2203 - 2

NON SW 12V (P)

TP2032

L2002

TP2031 VLP0099

P2001 (TO AC HEAD)

1	CTL HEAD (+)		P1501-1
2	CTL HEAD (-)		P1501-2

FULL ERASE (H) (SY)

MOTOR REG (P)
REG 12.3V (P)
MOTOR GND (P)

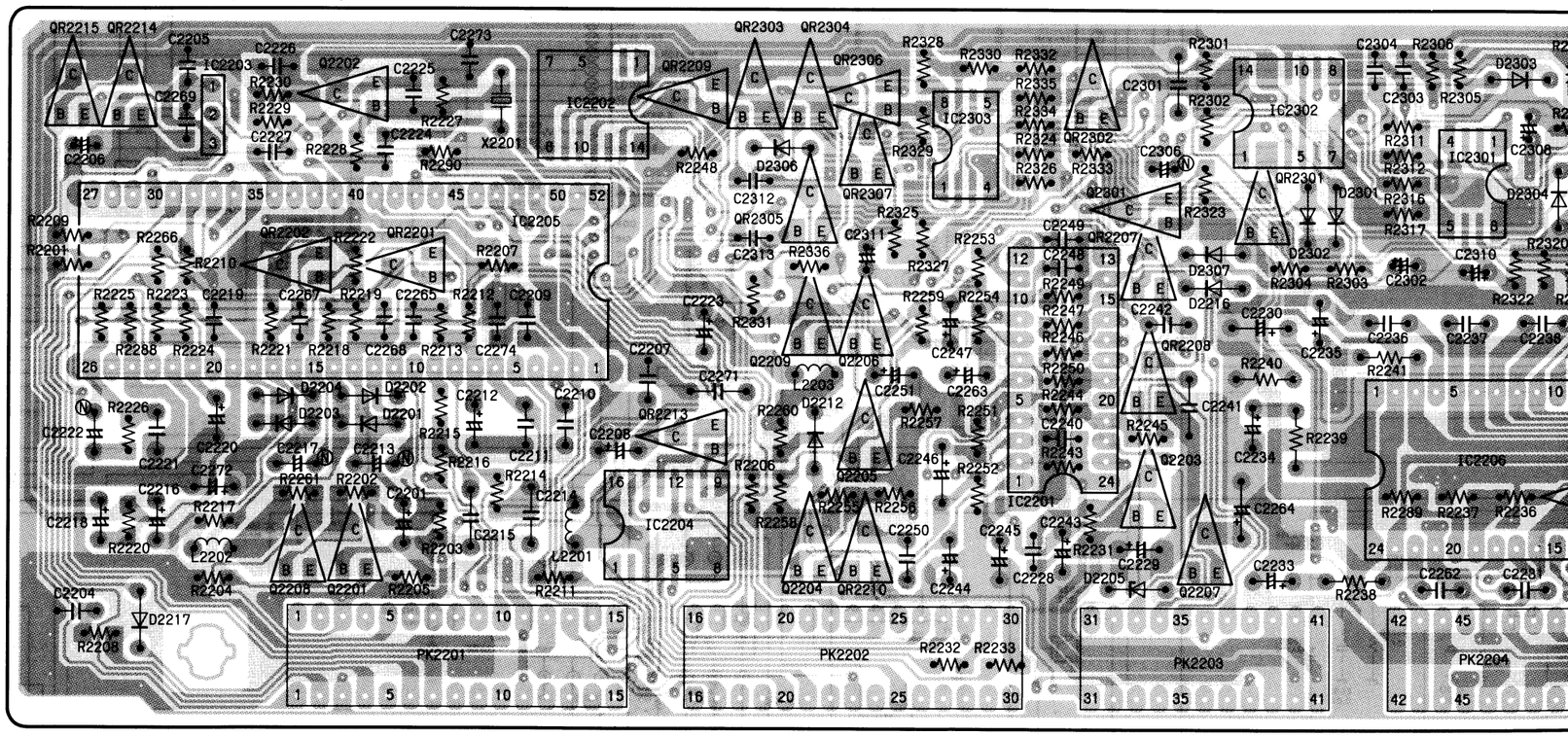
V.....TO LUMINANCE & CHROMINANCE
A.....TO AUDIO
SY.....TO SYSTEM CONTROL & SERVO
P.....TO POWER SUPPLY

OT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR RING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE GNAL. (S-VHS: SP MODE)
MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE GNAL. (S-VHS: SP MODE)

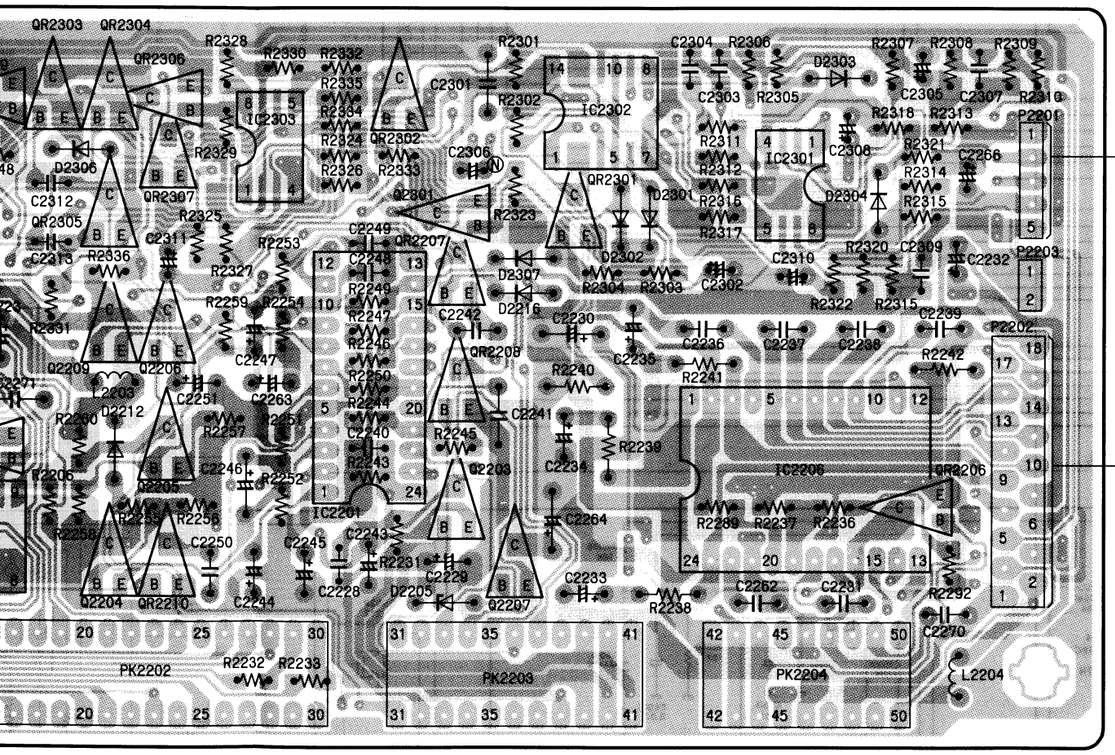
5 6 7

SERVO PACK C.B.A. (VEP02341A)

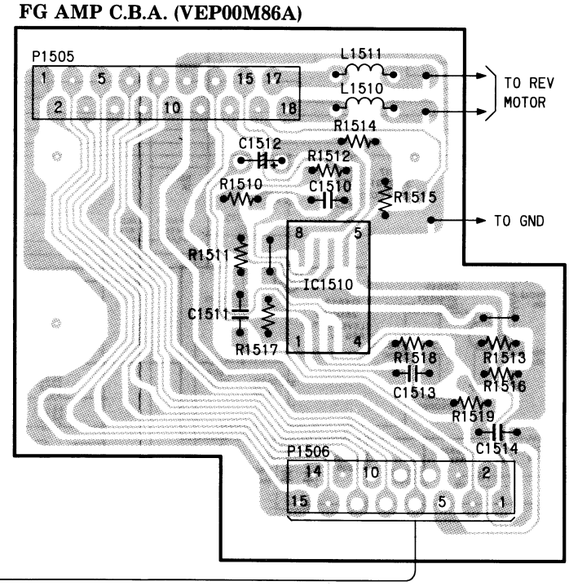


SERVO PACK C.B.A.							
Transistor		**Transistor & Resistor**		**Integrated Circuit**		**Connector**	
Q2201	A-2	QR2201	B-2	IC1510	B-8	P1505	B-7
Q2202	C-2	QR2202	B-2	IC2201	A-4	P1506	A-8
Q2203	B-5	QR2203	C-3	IC2202	C-3	P2201	C-6
Q2204	A-3	QR2204	C-3	IC2203	C-1	P2202	B-6
Q2205	B-3	QR2206	B-6	IC2204	A-3	P2203	B-6
Q2206	B-3	QR2207	B-4	IC2205	B-2	P2901	A-10
Q2207	A-5	QR2208	B-5	IC2206	B-6	P2902	A-11
Q2208	A-2	QR2209	C-3	IC2301	C-6	PK2201	A-2
Q2209	B-3	QR2210	A-3	IC2302	C-5	PK2202	A-3
Q2301	B-4	QR2213	B-3	IC2303	C-4	PK2203	A-5
		QR2214	C-1	IC2901	C-9	PK2204	A-6
		QR2215	C-1				
		QR2301	C-5				
		QR2302	C-4				
		QR2305	B-3				
		QR2306	C-4				
		QR2307	B-4				

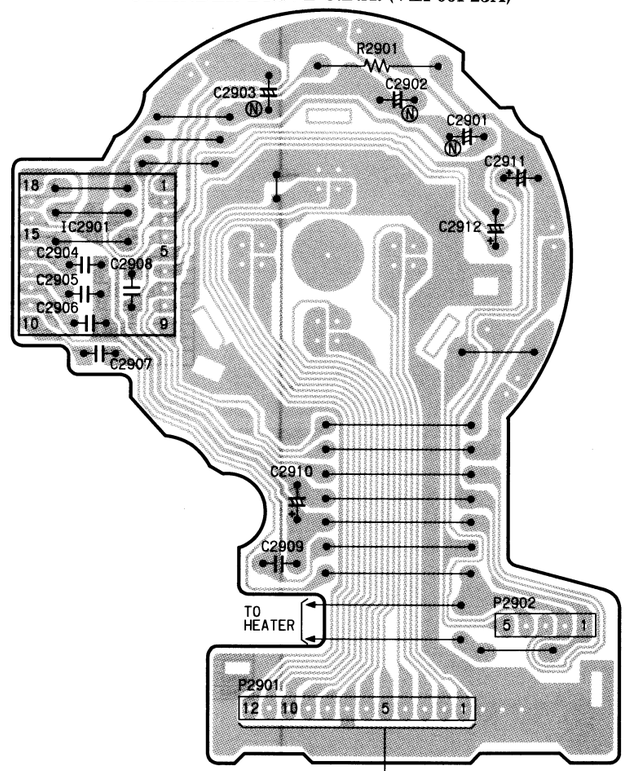
ADDRESS INFORMATION



FG AMP C.B.A. (VEP00M86A)



CYLINDER DRIVE C.B.A. (VEP00P23A)



3-11. SERVO PACK SCHEMATIC DIAGRAM

⇦□ CYLINDER SERVO PHASE LOOP ⇦ CAPSTAN SERVO PHASE LOOP ⬅■ CYLINDER SERVO SPEED LOOP ⬅ CAPSTAN SERVO

WAVEFORMS OF SERVO PACK PIN

4	4.8Vp-p, 50Hz (REC/P.B)	20	5.0Vp-p, 25Hz (REC/P.B)
5	5.0Vp-p, 58Hz (REC/P.B)	31	5.0Vp-p, 25Hz (REC/P.B)
14	5.0Vp-p, 50Hz (FWD/REV/STILL)	40	3.0Vp-p, 25Hz (REC)
17	1.8Vp-p, 50Hz (REC/P.B)	41	4.0Vp-p, 25Hz (REC)
18	5.0Vp-p, 25Hz (REC/P.B)	49	4.5Vp-p, 25Hz (REC/P.B)

IC2901 AN3815K

OSC, PRESET, MODE SELECT, 1/16, PG/FG DISP, STOP DET, EXT SYNC, MULTI-PLICATION, C.D.C., POWER, BEMF DET, S.M.D, WAVE SHAPER, STOP, TORQUE CONTROL, RATURA DET., I.FACE

FC, VCC, P1, P2, P3, PG/FG, VM, M3, ATC, HE⁺, HE⁻, ET, ETR, GND, PC, VS, M1, M2

C2907 0.068, C2906 0.1, C2905 0.1, C2904 0.1, C2909 0.1, C2910 16V10, C2911 16V10, C2912 6.3V22, C2908 0.047, R2901 0.47, C2903 35V2.2, C2902 35V2.2, C2901 35V2.2

P2902: REG 5V 1, PG/FG 2, CYL ET 3, CYL GND 4, MOTOR REG 5

(TO CYL MOTER): VM, M3, M2, M1, GND, HE⁻, HE⁺, VH

CYLINDER DRIVE C.B.A.(VEP00P23A)

FG AMP C.B.A. (VEP00M86A)

C1511 0.1, R1511 47K, R1510 1K, C1510 100P, C1512 16V47, R1512 1M, IC1510 μPC358G2, R1514 3300, R1513 3300, R1516 3300, R1515 3300, C1514 0.1, R1519 47K, R1518 1K, C1513 100P, R1517 1M

P1506: M3 15, VH⁺ 14, H1⁺ 13, H2⁺ 12, H1⁻ 11, H2⁻ 10, H3⁺ 9, VH⁻ 8, H3⁻ 7, M1 6, FG2 5, M2 4, FG1 3, FG GND 2, REG 12.3V 1

P1505: M3 1, VH⁺ 2, H1⁺ 3, H2⁺ 4, H1⁻ 5, H2⁻ 6, H3⁺ 7, VH⁻ 8, H3⁻ 9, M1 10, FG GND 11, M2 12, FG2 IN 13, FG1 IN 14, REG 12.3V 15, 16, REV MOTOR ⊖ 17, REV MOTOR ⊕ 18

L1511 VLP0083, L1510 VLP0083

CAPSTAN MOTOR ⚠

P006: REG 12.3V 1, FG GND 2, FG1 3, M2 4, FG2 5, M1 6, H3⁻ 7, VH⁻ 8, H3⁺ 9, H2⁻ 10, H1⁻ 11, H2⁺ 12, H1⁺ 13, VH⁺ 14, M3 15

H3, H2, H1

REV MOTOR ⚠, M

PACK PIN (TO SERVO)

1	S. CLOCK	4.9
2	S. DATA	0.4
3	GND	3.0
4	PG SHIFTER	2.7
5	FG OUT	4.9
6	CAP ON/OFF	0
7	R/S/F	0
8		0.2
9	LP Ⓗ	0
10	SLOW TR Ⓛ	5.1
11	REG 5V	4.9
12	SSS Ⓛ	4.9
13	FF/REW Ⓛ	0
14	ART V/H/N	0
15	ATE Ⓗ	0
16		0
17	VSS	2.5
18	H SW	3.1
19	A TR OFF Ⓛ	0
20	ROTARY SW	3.1
21	H AMP SW	0
22	ENVE SELECT	4.9 (0.8)
23	AT ENV DET	1.9 (0.2)
24	ART V SP	5.1
25	ART V	1.0
26	ART V LP	1.0
27	SP REV	2.9
28	SP NOR	5.1
29	LP REV	2.9
30	LP NOR	0
31	LC CTL	3.5
32	FULL ERASE Ⓗ	0 (4.9)
33	SP CHG Ⓜ	0
34	COS	4.9 (0)
35	CIS	0 (4.9)
36	HC	4.9
37	CCD	4.9
38	N.SW 12V	12.6
39	CTL GND	
40	CTL HEAD ⊕	0 (0.6)
41	CTL HEAD ⊖	0 (0.5)
42	MOTOR REG	9.0
43	CAP ECR	2.8
44	CAP QUICK Ⓗ	0
45	REG 12.3V	12.1
46	MOTOR GND	
47	REV MOTOR ⊖	5.9
48	REV MOTOR ⊕	5.9
49	V CTL	3.0
50		0

PK2201, PK2202, PK2203, PK2204

D2217 MA165, R2201 33K, R2290 22K, R2207 100K, R2206 12K, R2261 15K

Q2208 2SD601 (AMP), Q2201 2SD601 (AMP), R2202 150K, R2203 27K, R2204 1K, R2205 33K, C2201 50V1

C2274 2200P, C2270 0.1, C2266 6V47, C2232 16V47, R2242 33

P2201: REG 5V 1, PG/FG 2, CYL ET 3, CYL GND 4, MOTOR REG. 5

L2204 1m

P2203 (TO SERVO): P2002-1 GND 1, P2002-2 GND 2

P2202: M3 18, VH⁺ 17, H1⁺ 16, H2⁺ 15, H1⁻ 14, H2⁻ 13, H3⁺ 12, VH⁻ 11, H3⁻ 10, M1 9, FG GND 8, M2 7, FG2 IN 6, FG1 IN 5, REG 12.3V 4, 3, REV MOTOR ⊖ 2, REV MOTOR ⊕ 1

IC2205 M

ENVE SELECT, AT ON Ⓗ, CAP ON Ⓗ, I/O ENABLE Ⓗ, VPW, AT E Ⓗ, LP Ⓗ, SP Ⓗ

ROTARY SW, ART V MM, SLOW TR MM, CAP ET, ENVE IN, VDD, H.AMP SW, ART V OUT, SLOW TR REV, CYL ET, VSS IN

L2201 100μ, C2207 0.1, C2208 6V47, C2209 0.01, C2210 0.0033, C2211 0.0047, C2212 6V47, R2211 22K, R2213 22K, R2214 2700, R2215 3300, C2215 0.47, R2212 22K, R2216 3300, C2265 0.0047, C2213 16V4.7, R2217 3300, C2271 0.18, C2214 0.22

QR2213 UN2112 (SPⒽ:OFF)

QR2206 UN2213 (CAP QUICKⒽ:ON)

R2232 1K, R2233 1K

IC2204 MN4052E

VDD, A (SP), B (RVS)

1 2 3 4 5 6 7 8 9 10 11 12

CAPSTAN SERVO PHASE LOOP ◀■■ CYLINDER SERVO SPEED LOOP ◀■ CAPSTAN SERVO SPEED LOOP

IC2205 MN6742VCMK

ENVE SELECT · AT ON (H) · I/O ENABLE (H) · CAP ON (H) · VPW · AT E (H) · LP (H) · SP (H) · H SW · GND · REV (H) · RESET · S. DATA · CLOCK IN · R/S/F · S. CLOCK · PG MM · CUR LIM · P FG

ROTARY SW · H AMP SW · ART V MM · ART V OUT · SLOW TR MM · SLOW TR REV · CAP ET · CYL ET · ENVE IN · VSS IN · FG1 IN · FG1 · FG1 IN · FG2 IN · FG2 · FG2 IN · L · VDD · GND · REF OUT · REF IN · GND · REC CTL OUT · CLT

IC2204 MN4052BS

QR2213 UN2112 (SP (H) : OFF)

QR2206 UN2213 (CAP QUICK (H) : ON)

QR2201 UN2117 (SSS (L) : ON)

QR2202 UN2117 (SSS (L) : ON)

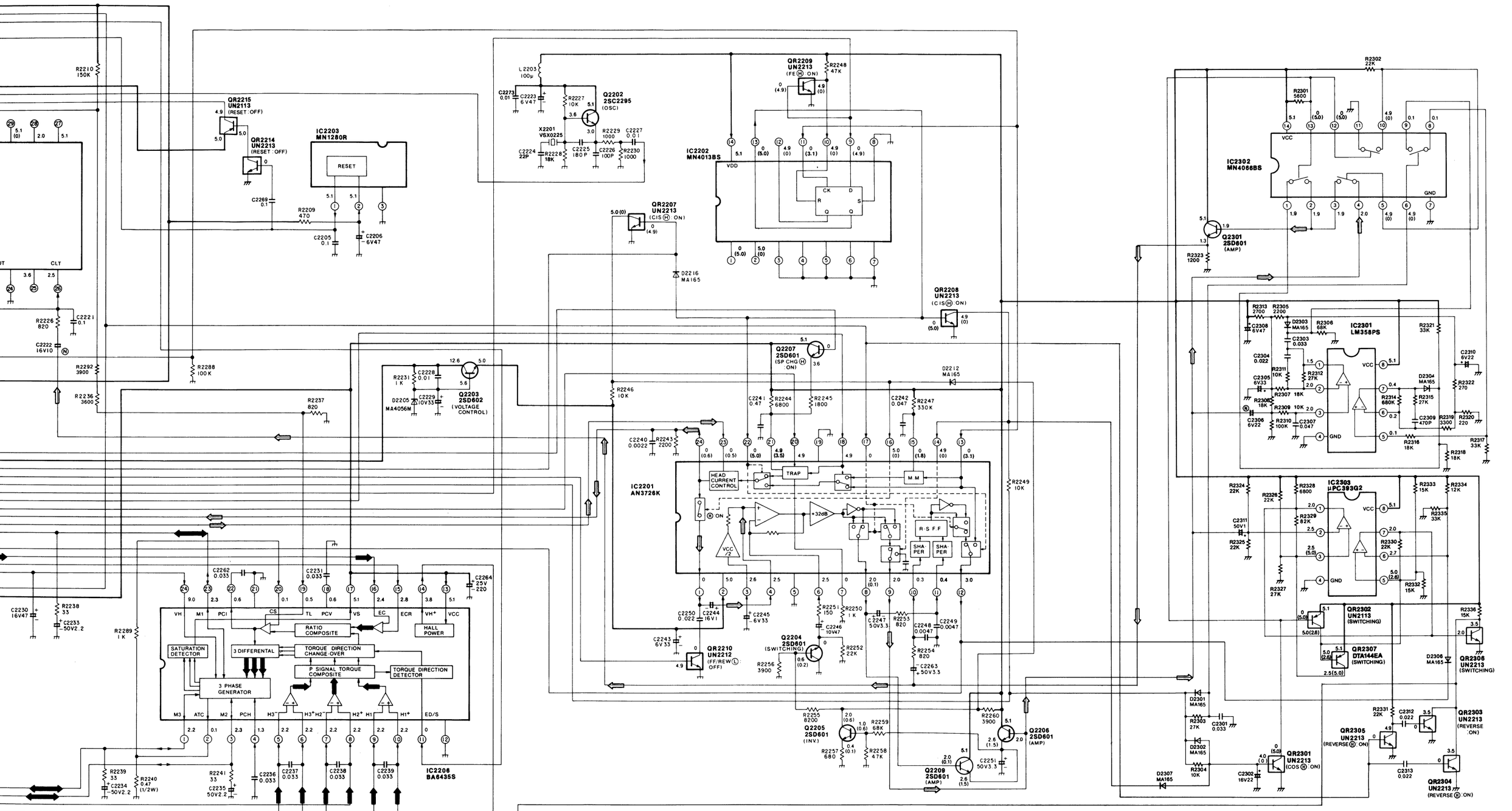
QR2215 UN2113 (RESET : OFF)

QR2214 UN2213 (RESET : OFF)

IC2203 MN1280R

IC2206 BA6435S

REG 5V · N SW 12V



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

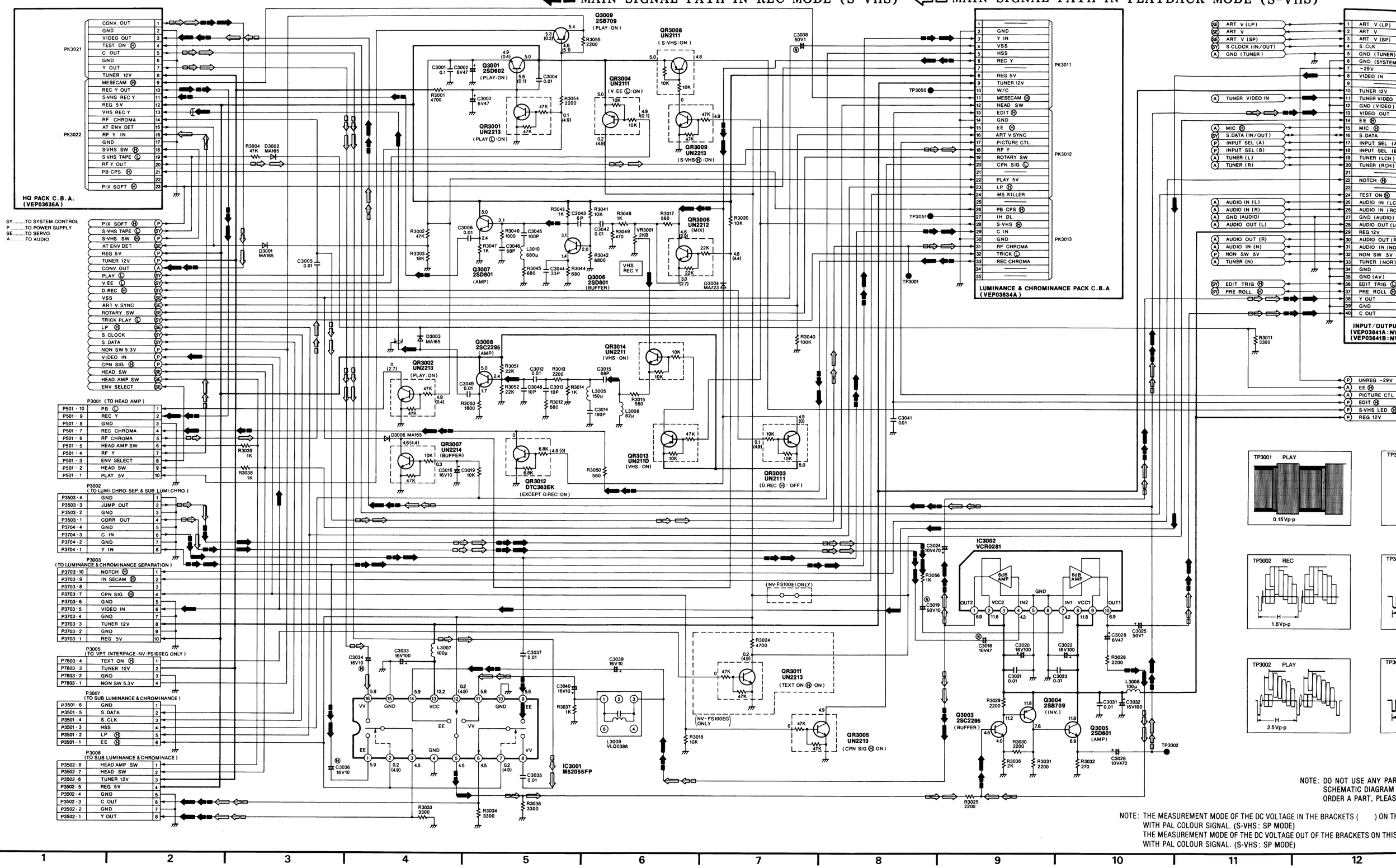
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26

Next Page:
LUMINANCE & CHROMINANCE Section

3-12. LUMINANCE & CHROMINANCE SCHEMATIC DIAGRAM

MAIN SIGNAL PATH IN REC MODE (VHS)
MAIN SIGNAL PATH IN REC MODE (S-VHS)
MAIN SIGNAL PATH IN PLAYBACK MODE (VHS)
MAIN SIGNAL PATH IN PLAYBACK MODE (S-VHS)



SY.....TO SYSTEM CONTROL
P.....TO POWER SUPPLY
SE.....TO SERVO
A.....TO AUDIO

P3001 (TO HEAD AMP)

P501 · 10	PB L	1
P501 · 9	REC Y	2
P501 · 8	GND	3
P501 · 7	REC CHROMA	4
P501 · 6	RF CHROMA	5
P501 · 5	HEAD AMP SW	6
P501 · 4	RF Y	7
P501 · 3	ENV SELECT	8
P501 · 2	HEAD SW	9
P501 · 1	PLAY 5V	10

P3002 (TO LUMI.CHRO. SEP. & SUB LUMI.CHRO.)

P3503 · 4	GND	1
P3503 · 3	JUMP OUT	2
P3503 · 2	GND	3
P3503 · 1	CORR OUT	4
P3704 · 4	GND	5
P3704 · 3	C IN	6
P3704 · 2	GND	7
P3704 · 1	Y IN	8

P3003 (TO LUMINANCE & CHROMINANCE SEPARATION)

P3703 · 10	NOTCH H	1
P3703 · 9	IN SECAM H	2
P3703 · 8		3
P3703 · 7	CPN SIG H	4
P3703 · 6	GND	5
P3703 · 5	VIDEO IN	6
P3703 · 4	GND	7
P3703 · 3	TUNER 12V	8
P3703 · 2	GND	9
P3703 · 1	REG 5V	10

P3005 (TO VPT INTERFACE: NV-FS100EG ONLY)

P7803 · 4	TEXT ON H	1
P7803 · 3	TUNER 12V	2
P7803 · 2	GND	3
P7803 · 1	NON SW 5.3V	4

P3007 (TO SUB LUMINANCE & CHROMINANCE)

P3501 · 6	GND	1
P3501 · 5	S.DATA	2
P3501 · 4	S.CLK	3
P3501 · 3	HSS	4
P3501 · 2	LP H	5
P3501 · 1	EE H	6

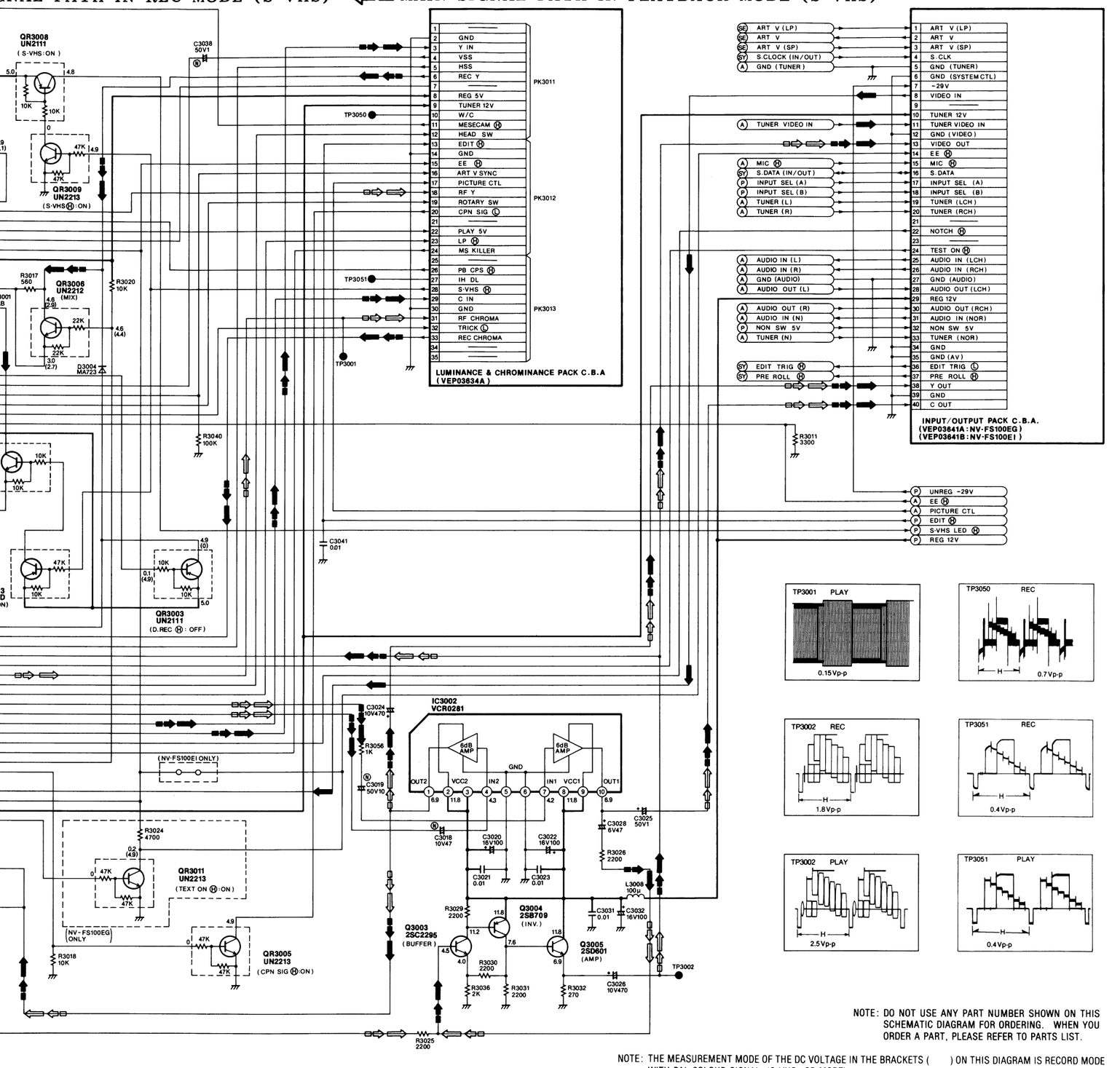
P3008 (TO SUB LUMINANCE & CHROMINANCE)

P3502 · 8	HEAD AMP SW	1
P3502 · 7	HEAD SW	2
P3502 · 6	TUNER 12V	3
P3502 · 5	REG 5V	4
P3502 · 4	GND	5
P3502 · 3	C OUT	6
P3502 · 2	GND	7
P3502 · 1	Y OUT	8

NOTE: DO NOT USE ANY PAR
SCHEMATIC DIAGRAM
ORDER A PART, PLEAS

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON TH
WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS
WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

GNAL PATH IN REC MODE (VHS) ⇦ MAIN SIGNAL PATH IN PLAYBACK MODE (VHS)
GNAL PATH IN REC MODE (S-VHS) ⇦ MAIN SIGNAL PATH IN PLAYBACK MODE (S-VHS)



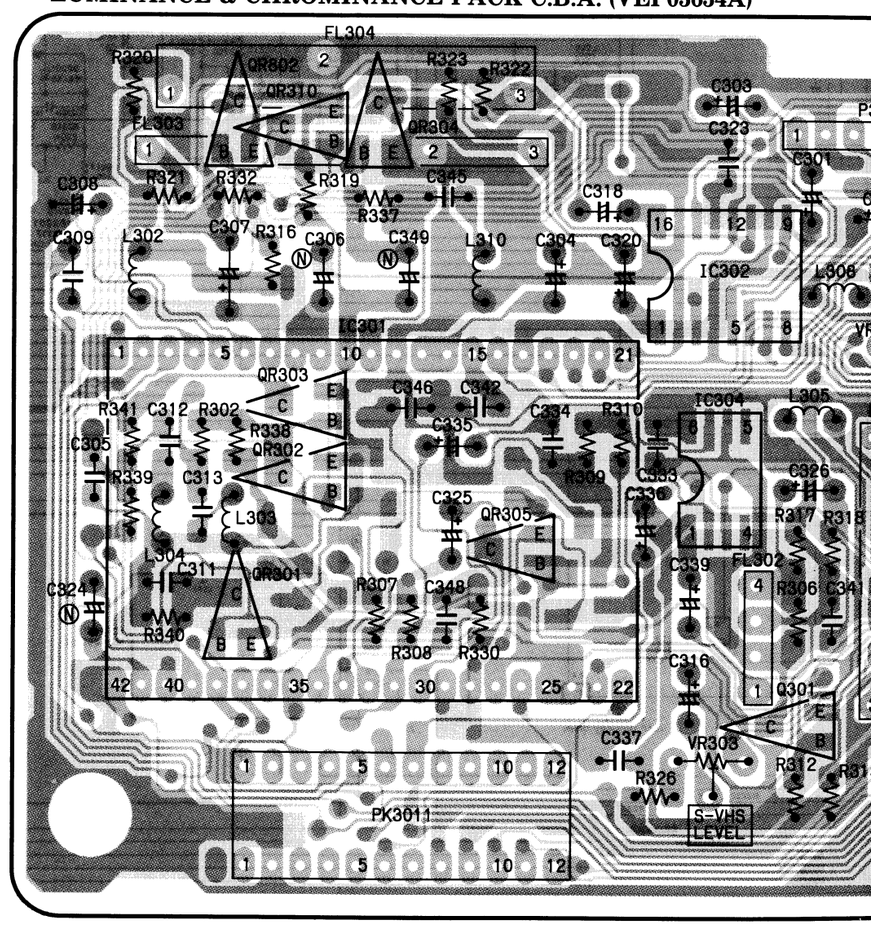
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

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

7 8 9 10 11 12 13

3-13. LUMINANCE & CHROMINANCE PACK C.B.A. (VEP03634

LUMINANCE & CHROMINANCE PACK C.B.A. (VEP03634A)

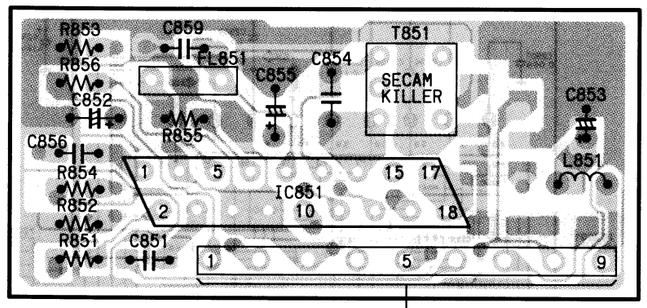


D C B A

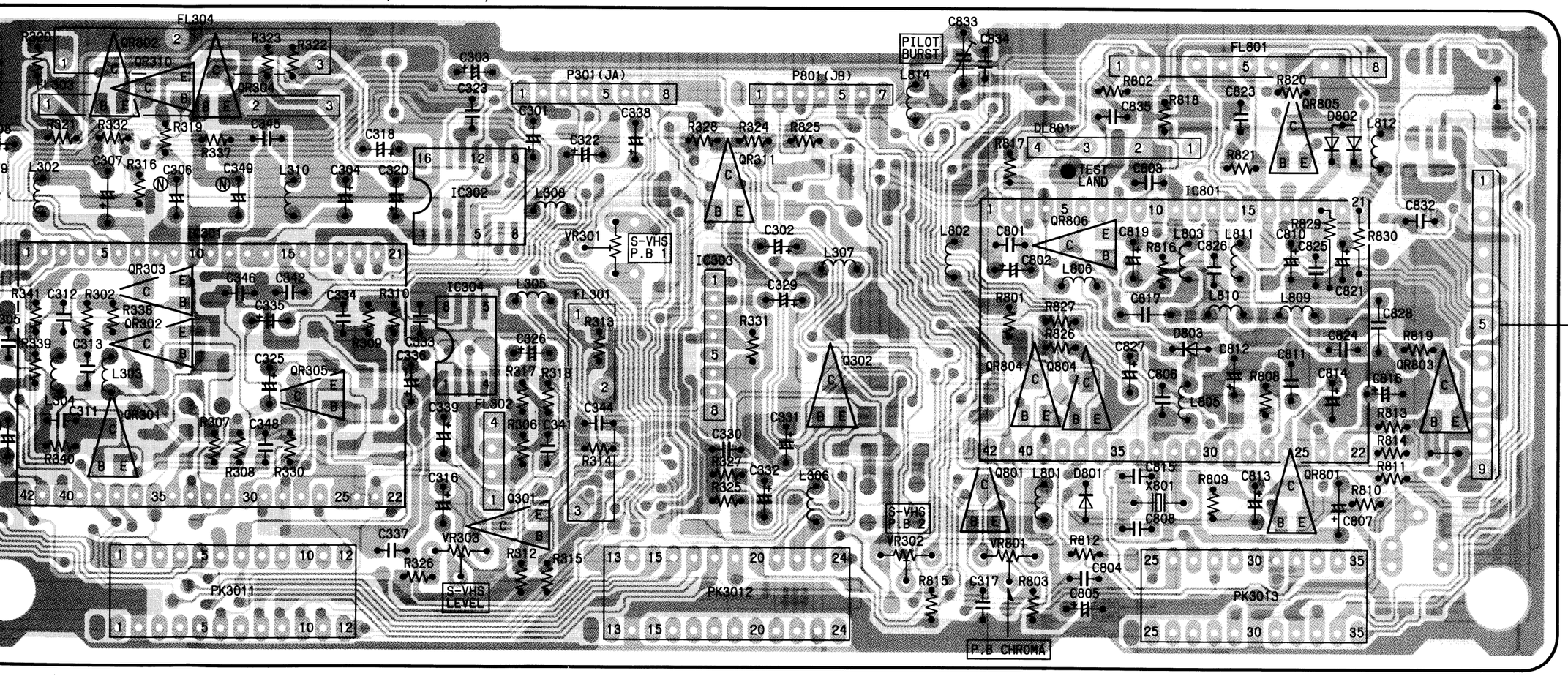
1 2

NANCE & CHROMINANCE PACK C.B.A. (VEP03634A)

DDR SECAM PACK C.B.A. (VEP03673A)



UMINANCE & CHROMINANCE PACK C.B.A. (VEP03634A)



LUMINANCE & CHROMINANCE PACK C.B.A.	
Transistor	
Q301	A-3
Q302	B-4
Q801	A-5
Q804	B-5
Transistor & Resistor	
QR301	B-1
QR302	B-1
QR303	B-1
QR304	C-2
QR305	B-2
QR310	C-1
QR311	C-4
QR801	A-6
QR802	C-1
QR803	B-6
QR804	B-5
QR805	C-6
QR806	B-5
Integrated Circuit	
IC301	B-2
IC302	B-3
IC303	B-3
IC304	B-3
IC801	B-5
IC851	D-6
Adjustment	
C833	C-4
T851	D-6
VR301	B-3
VR302	A-4
VR303	A-3
VR801	A-5
Connector	
P301	C-3
P801	C-4
PK3011	A-2
PK3012	A-4
PK3013	A-5

ADDRESS INFORMATION

3-14. LUMINANCE & CHROMINANCE PACK SCHEMATIC DIAGRAM

MAIN SIGNAL PATH IN REC MODE (VHS)

IC301 (VEFH07C) (S-VHS: SP MODE)

PIN NO.	WAVEFORM	PIN NO.	WAVEFORM
1	0.4Vp-p (REC/P.B)	20	0.8Vp-p (REC)
2	4.0Vp-p (REC/P.B)	22	0.8Vp-p (P.B)
3	1.7Vp-p (REC/P.B)	23	0.17Vp-p (REC/P.B)
4	0.9Vp-p (REC/P.B)	26	0.5Vp-p (P.B)
6	0.8Vp-p (REC)	28	1.5Vp-p (P.B)
6	1.1Vp-p (P.B)	30	0.3Vp-p (P.B)
8, 9	0.4Vp-p (REC/P.B)	32	0.8Vp-p (P.B)
13, 14	0.8Vp-p (REC/P.B)	33	0.5Vp-p (REC/P.B)
15, 16	0.8Vp-p (P.B)	34	0.18Vp-p (P.B)
19	5.0Vp-p (REC/P.B)	39, 41	0.8Vp-p (REC/P.B)

IC801 (VCR0284) (S-VHS: SP MODE)

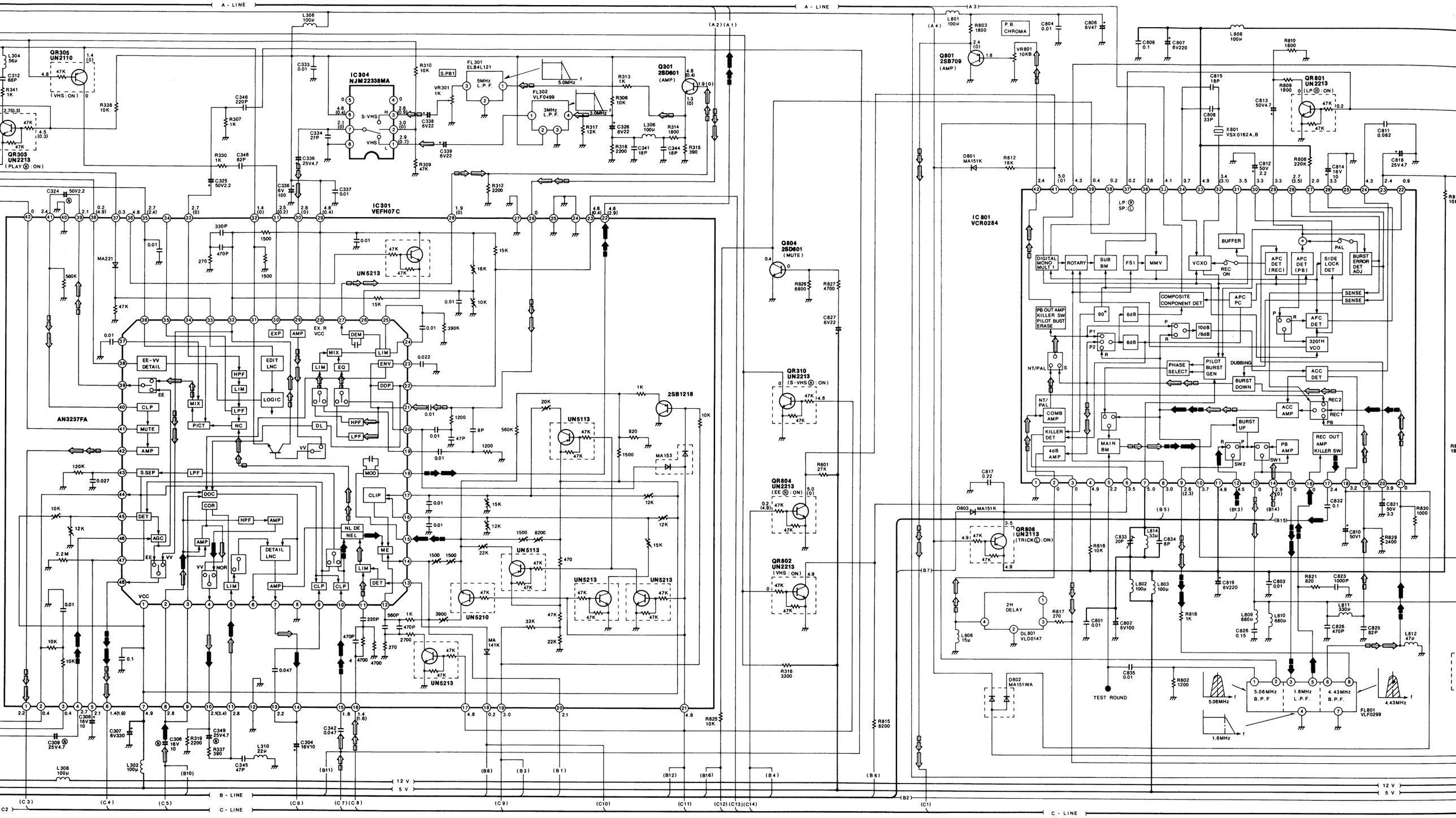
PIN NO.	WAVEFORM	PIN NO.	WAVEFORM
2	0.1Vp-p (REC/P.B)	18	0.2Vp-p (REC/P.B)
3	0.7Vp-p (REC/P.B)	21	0.2Vp-p (REC/P.B)
5	0.14Vp-p (REC/P.B)	31	0.62Vp-p (REC/P.B)
8	5.0Vp-p (REC/P.B)	32	0.8Vp-p (REC/P.B)
9	0.5Vp-p (REC) 0.8Vp-p (P.B)	34	0.6Vp-p (REC/P.B)
10	0.5Vp-p (REC/P.B)	36	0.25Vp-p (REC/P.B)
12	0.5Vp-p (REC/P.B)	38	5.0Vp-p (REC/P.B)
13	0.4Vp-p (REC) 0.1Vp-p (P.B)	39	4.0Vp-p (REC/P.B)
14	0.15Vp-p (P.B)	40	5.0Vp-p (REC/P.B)
15	0.4Vp-p (REC) 0.15Vp-p (P.B)	41	0.35Vp-p (P.B)
16	0.2Vp-p (REC) 0.1Vp-p (P.B)	42	1.0Vp-p (REC/P.B)
17	0.25Vp-p (REC) 0.18Vp-p (P.B)		

CK SCHEMATIC DIAGRAM

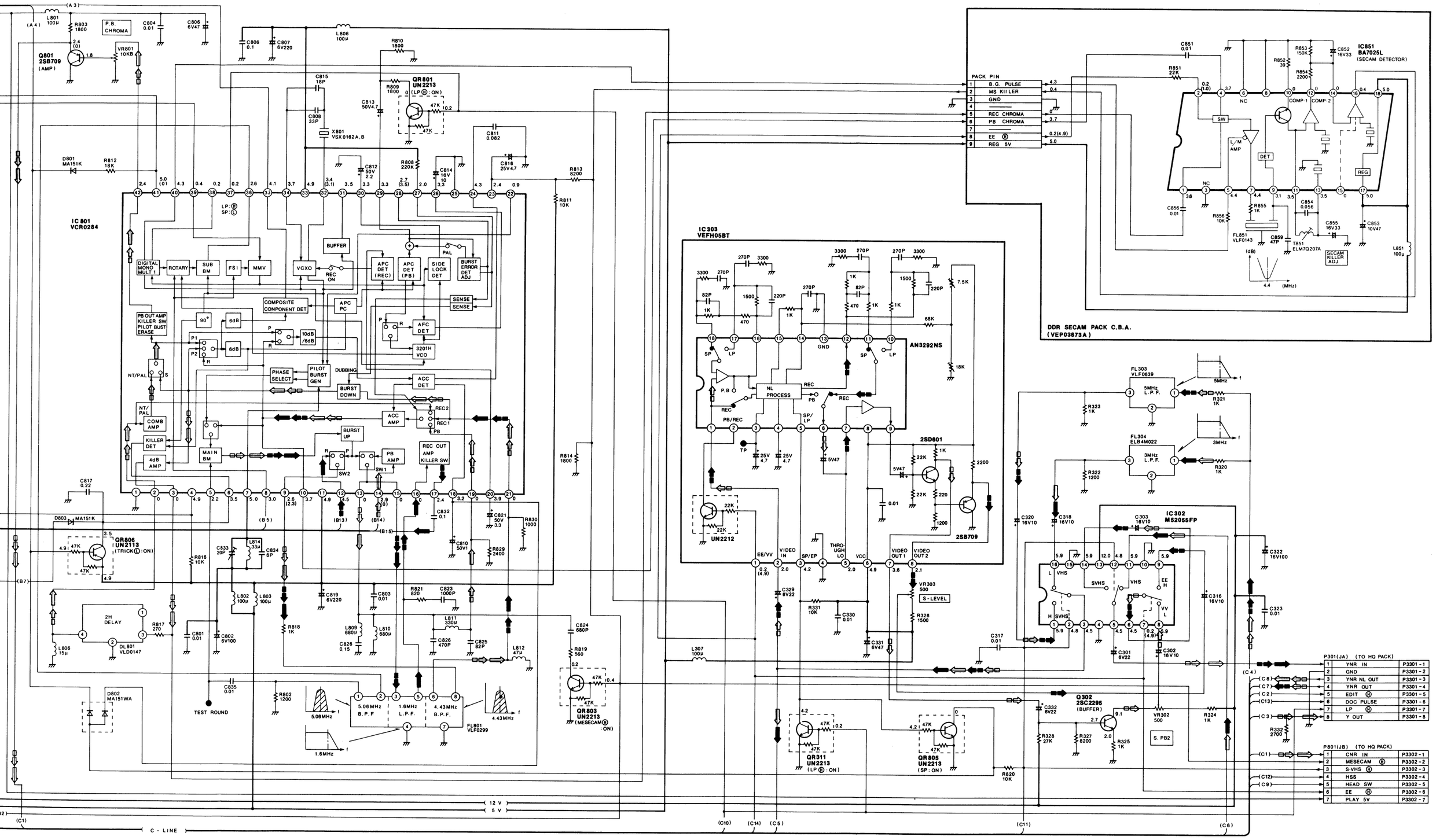
MAIN SIGNAL PATH IN REC MODE (VHS)

MAIN SIGNAL PATH IN REC MODE (S-VHS)

MAIN SIGNAL PATH IN PLAYBACK MODE (VHS)



NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKE
WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)



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

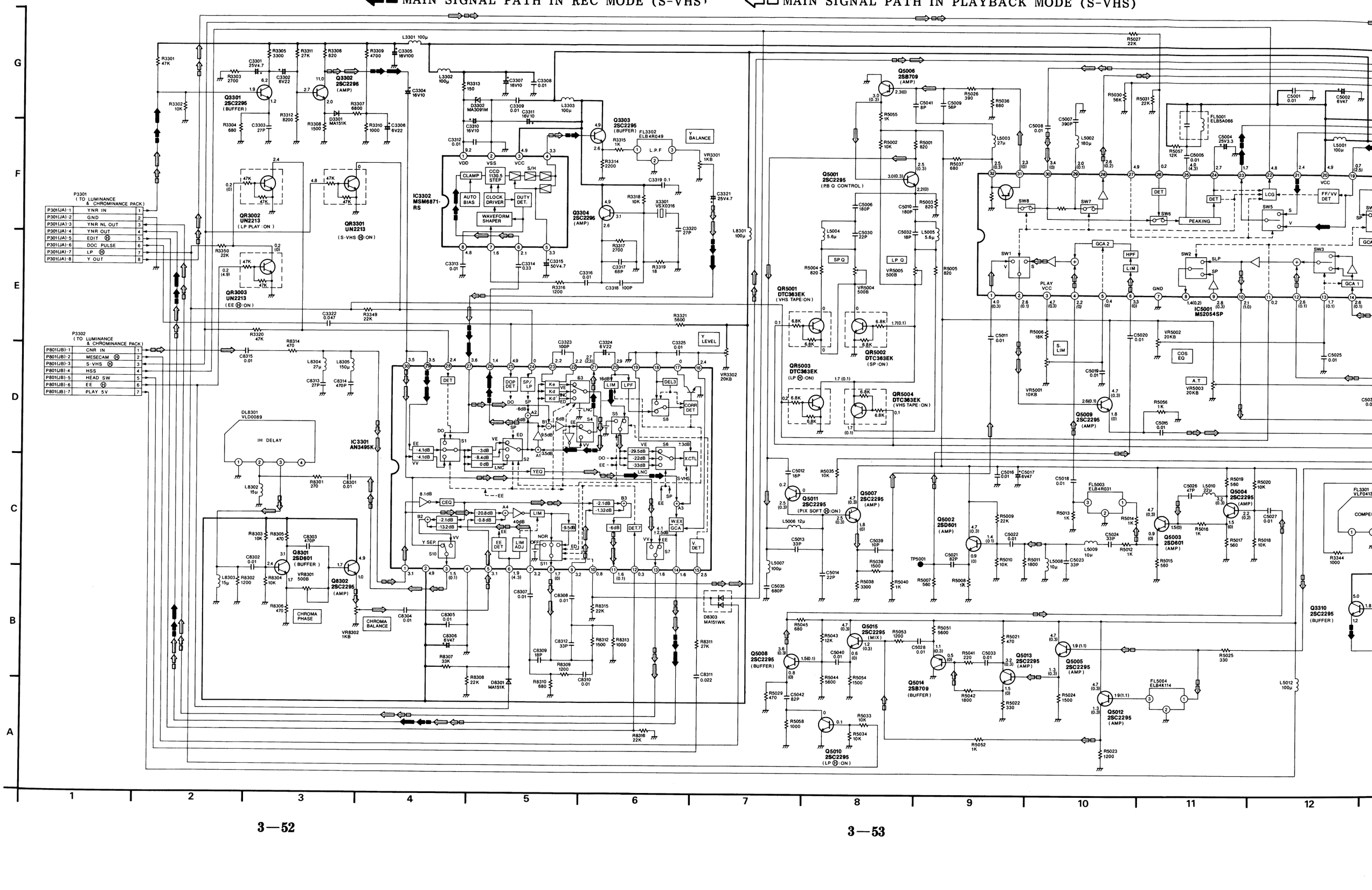
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

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

Next Page:
HQ PACK Section

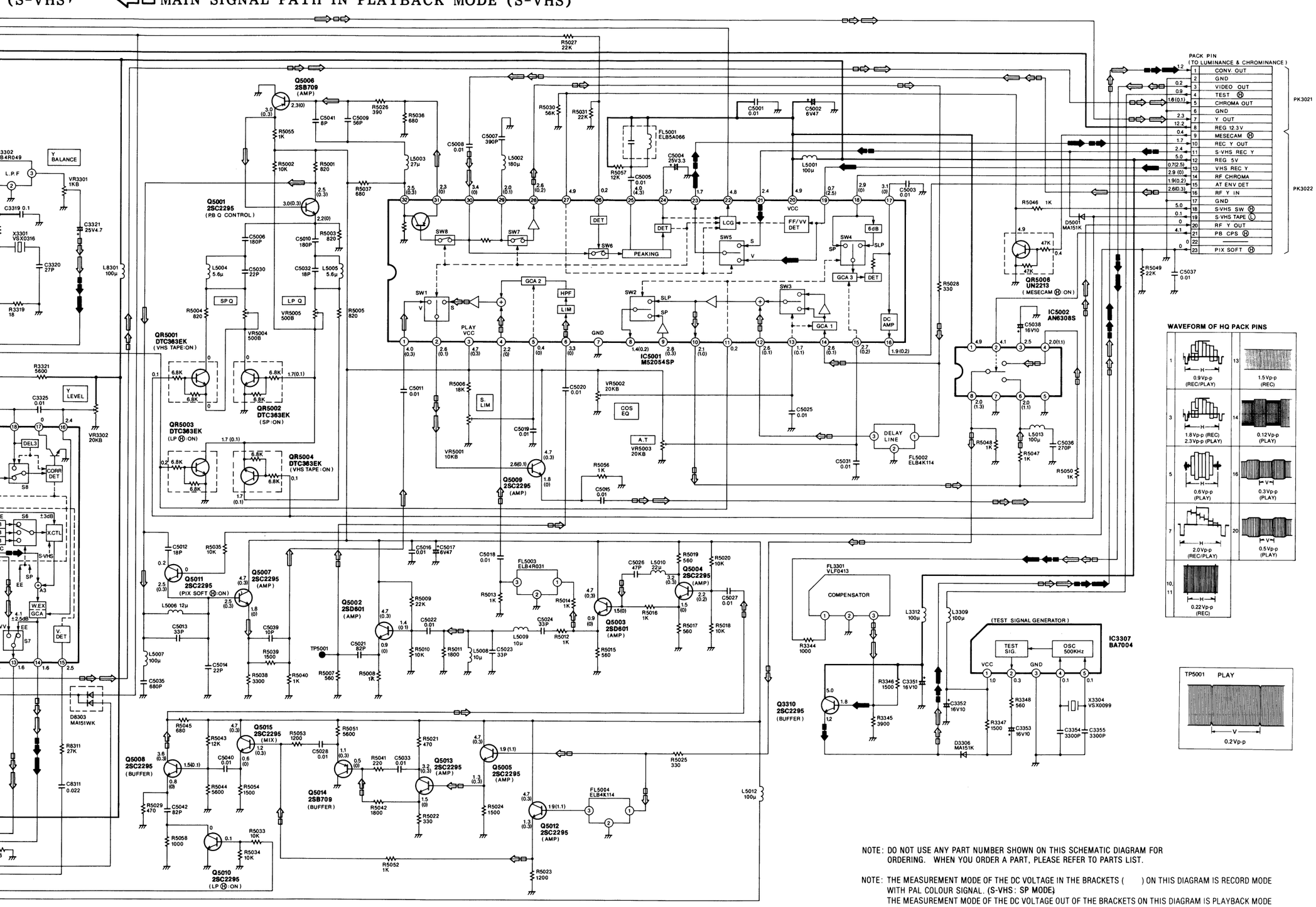
3-15. HQ PACK SCHEMATIC DIAGRAM

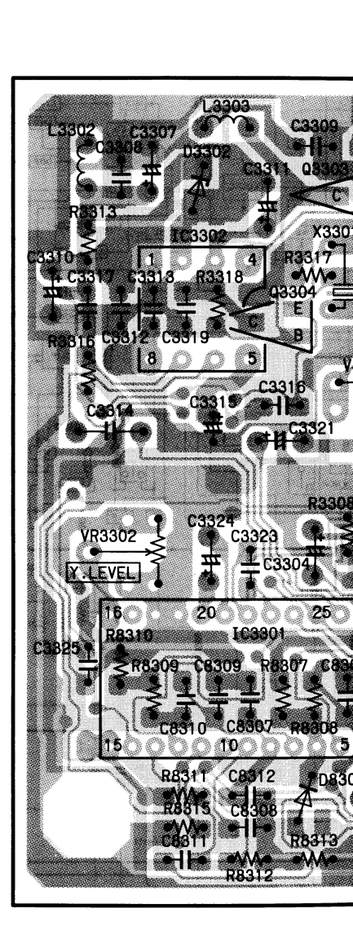
MAIN SIGNAL PATH IN REC MODE (VHS)
MAIN SIGNAL PATH IN REC MODE (S-VHS)
MAIN SIGNAL PATH IN PLAYBACK MODE (VHS)
MAIN SIGNAL PATH IN PLAYBACK MODE (S-VHS)



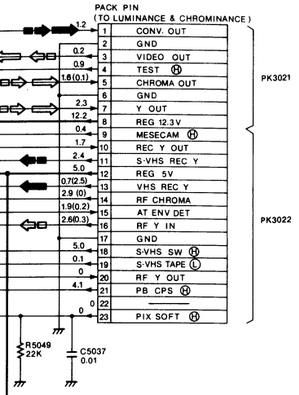
(VHS) ⇦ MAIN SIGNAL PATH IN PLAYBACK MODE (VHS)

(S-VHS) ⇦ MAIN SIGNAL PATH IN PLAYBACK MODE (S-VHS)

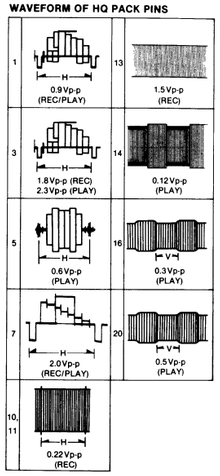


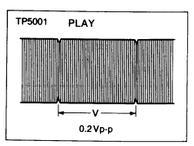


3-16. HQ PACK C.B.A. (VEP03635A)



WAVEFORM OF HQ PACK PINS



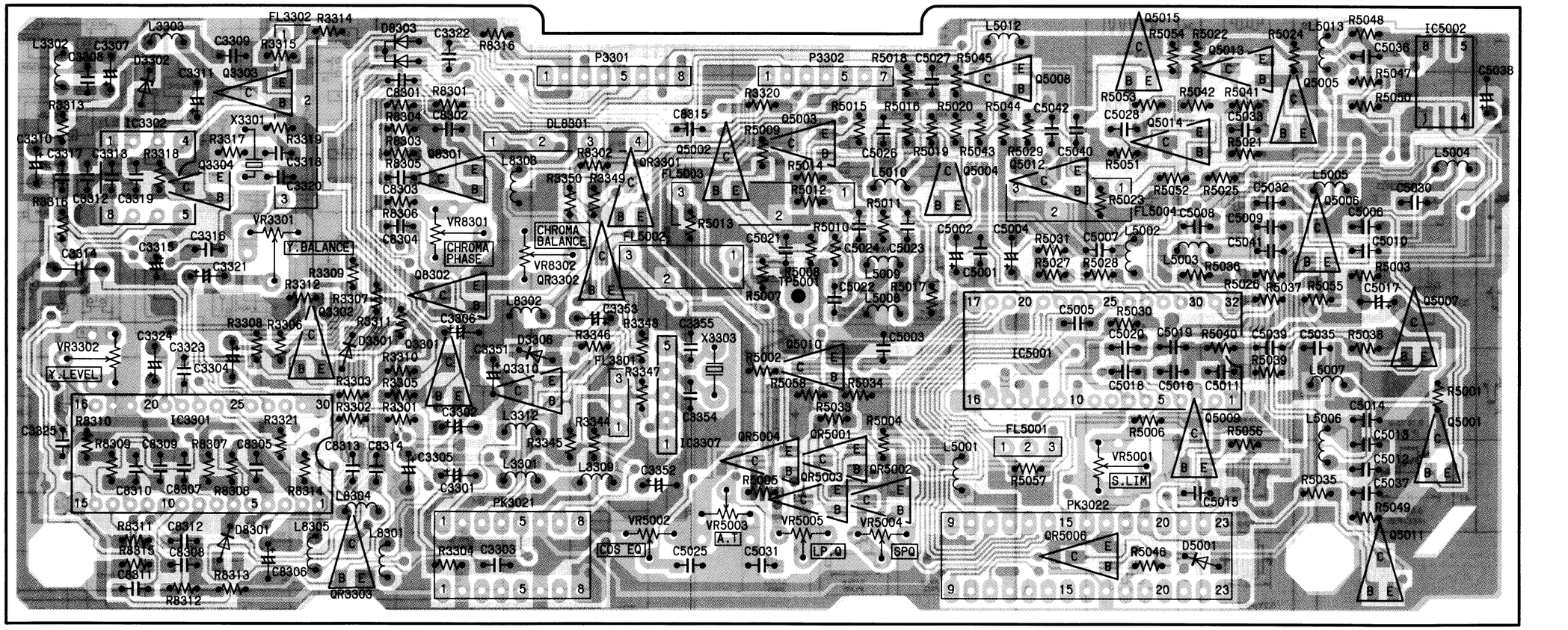


RAM FOR
IST.

) ON THIS DIAGRAM IS RECORD MODE

'S ON THIS DIAGRAM IS PLAYBACK MODE

15 16

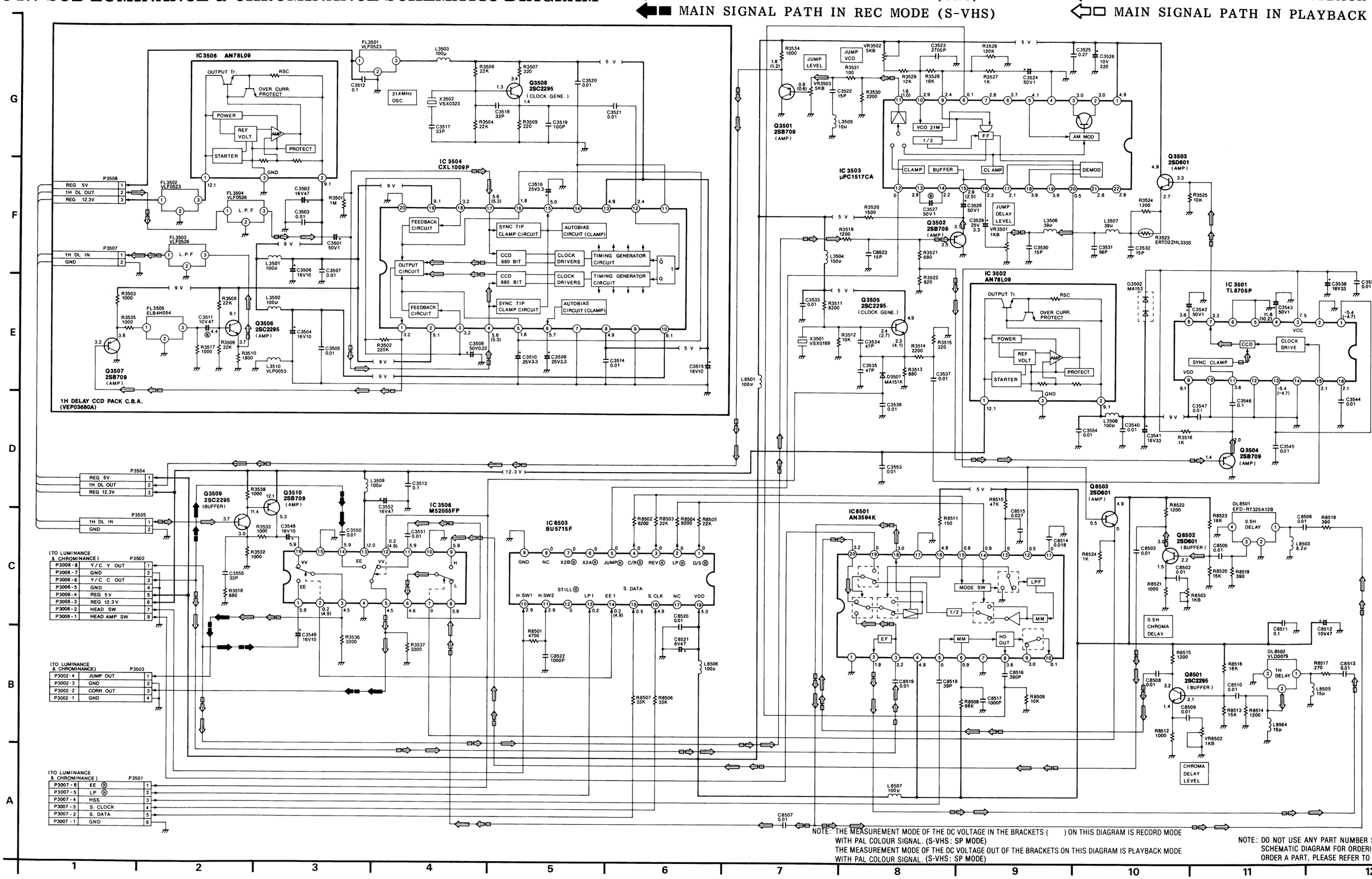


HQ PACK C.B.A.					
Transistor		Q8301	B-2	**Adjustment**	
Q3301	B-2	Q8302	B-2	VR3301	B-2
Q3302	B-2	**Transistor & Resistor**		VR3302	B-1
Q3303	C-2	QR3301	B-3	VR5001	A-5
Q3304	B-1	QR3302	B-3	VR5002	A-3
Q3310	B-3	QR3303	A-2	VR5003	A-3
Q5001	A-6	QR5001	A-4	VR5004	A-4
Q5002	C-3	QR5002	A-4	VR5005	A-4
Q5003	C-4	QR5003	A-4	VR8301	B-2
Q5004	B-4	QR5004	A-4	VR8302	B-3
Q5005	C-6	QR5006	A-5	**Connector**	
Q5006	B-6	**Integrated Circuit**		P3301	C-3
Q5007	B-6	IC3301	A-1	P3302	C-4
Q5008	C-5	IC3302	C-1	PK3021	A-3
Q5009	A-5	IC3307	A-3	PK3022	A-5
Q5010	B-4	IC5001	B-5		
Q5011	A-6	IC5002	C-6		
Q5012	B-5	**Test Point**			
Q5013	C-5	TP5001	B-4		
Q5014	C-5				
Q5015	C-5				

ADDRESS INFORMATION

3-17. SUB LUMINANCE & CHROMINANCE SCHEMATIC DIAGRAM

MAIN SIGNAL PATH IN REC MODE (VHS)
MAIN SIGNAL PATH IN REC MODE (S-VHS)
MAIN SIGNAL PATH IN PLAYBACK MODE
MAIN SIGNAL PATH IN PLAYBACK MODE

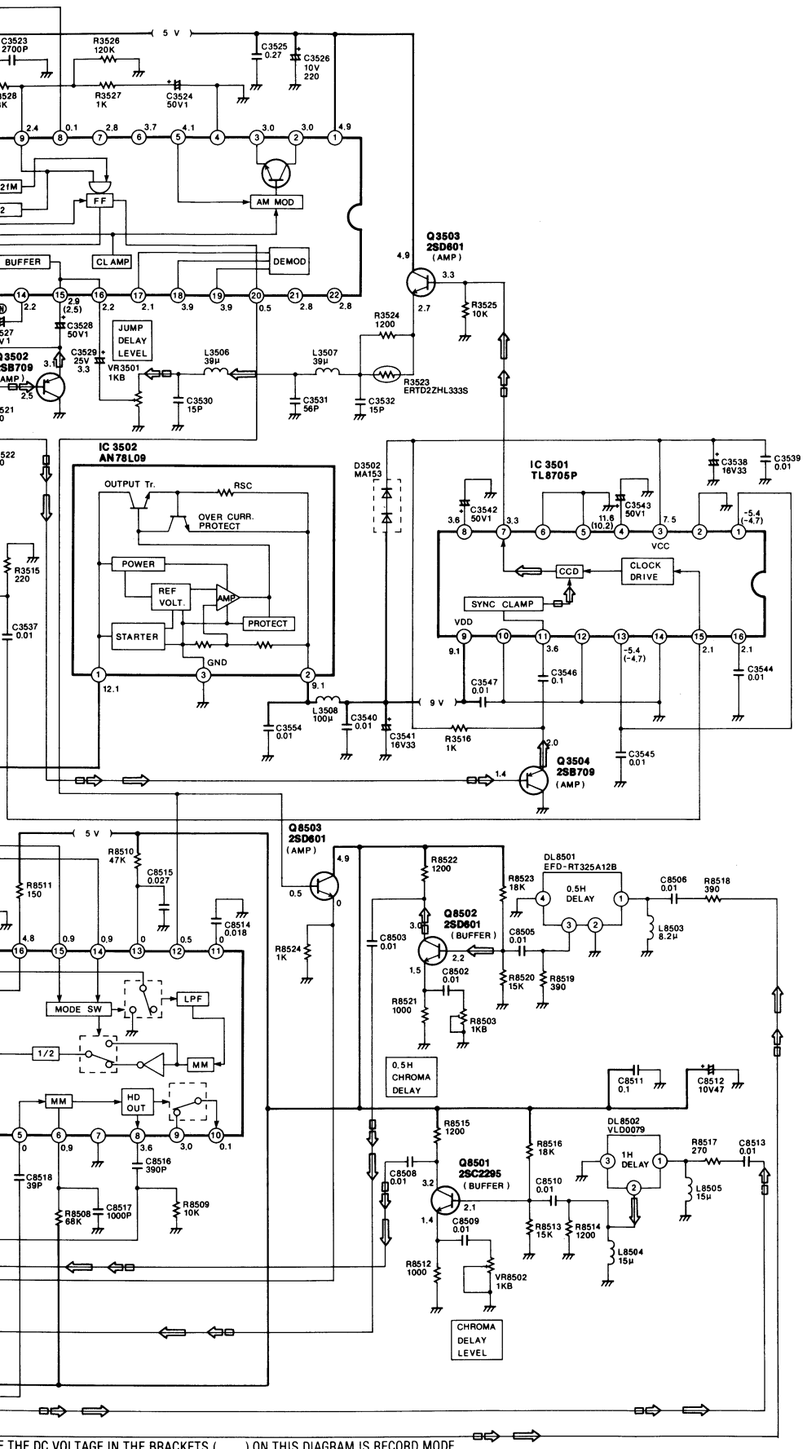


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

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

(VHS)
(S-VHS)

⇦ MAIN SIGNAL PATH IN PLAYBACK MODE (VHS)
⇦ MAIN SIGNAL PATH IN PLAYBACK MODE (S-VHS)



F THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE
S-VHS: SP MODE)
F THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE
S-VHS: SP MODE)

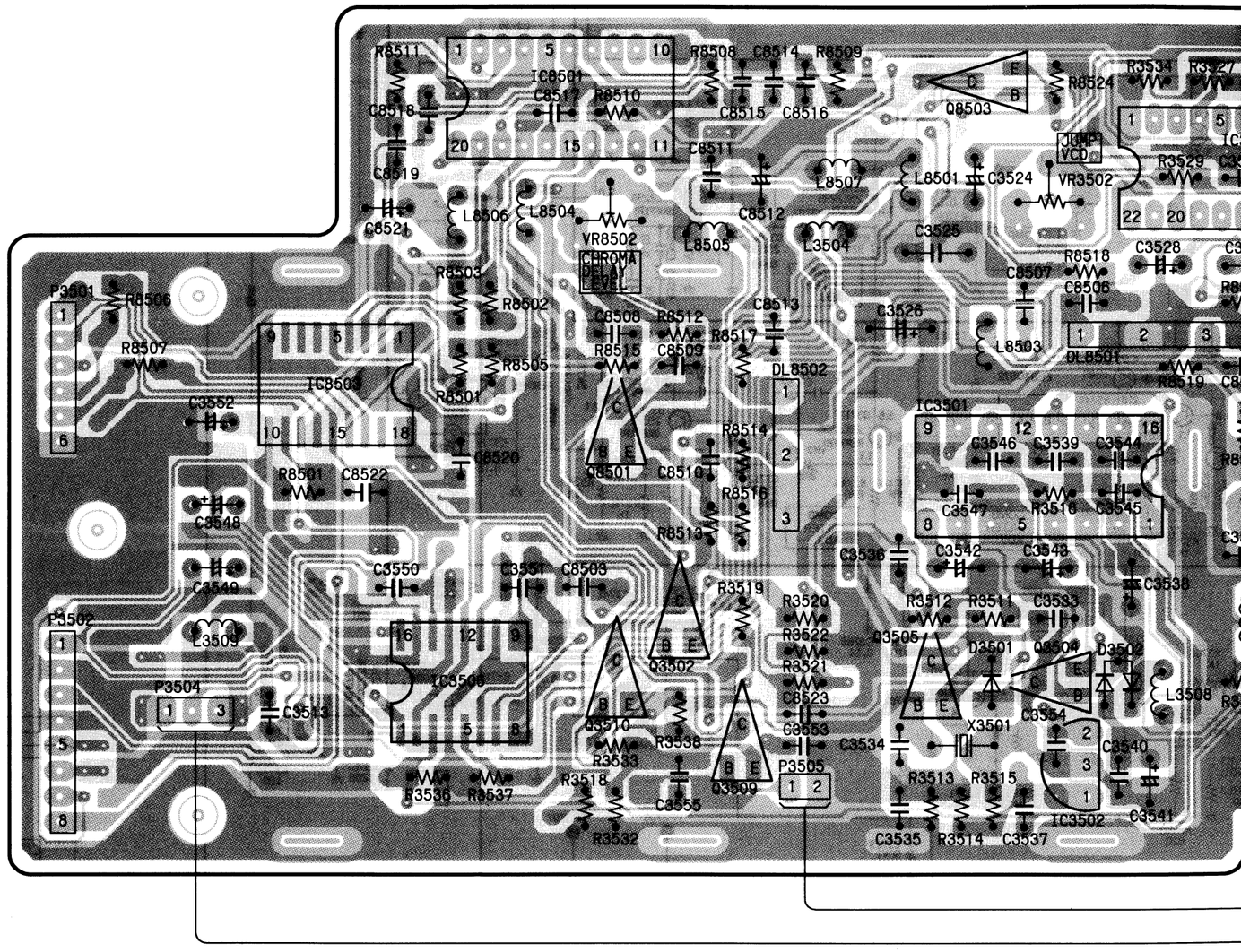
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

9 10 11 12

3-18. SUB LUMINANCE & CHROMINANCE C.B.A. (VEP03677A)

C
B
A
1 2 3 4

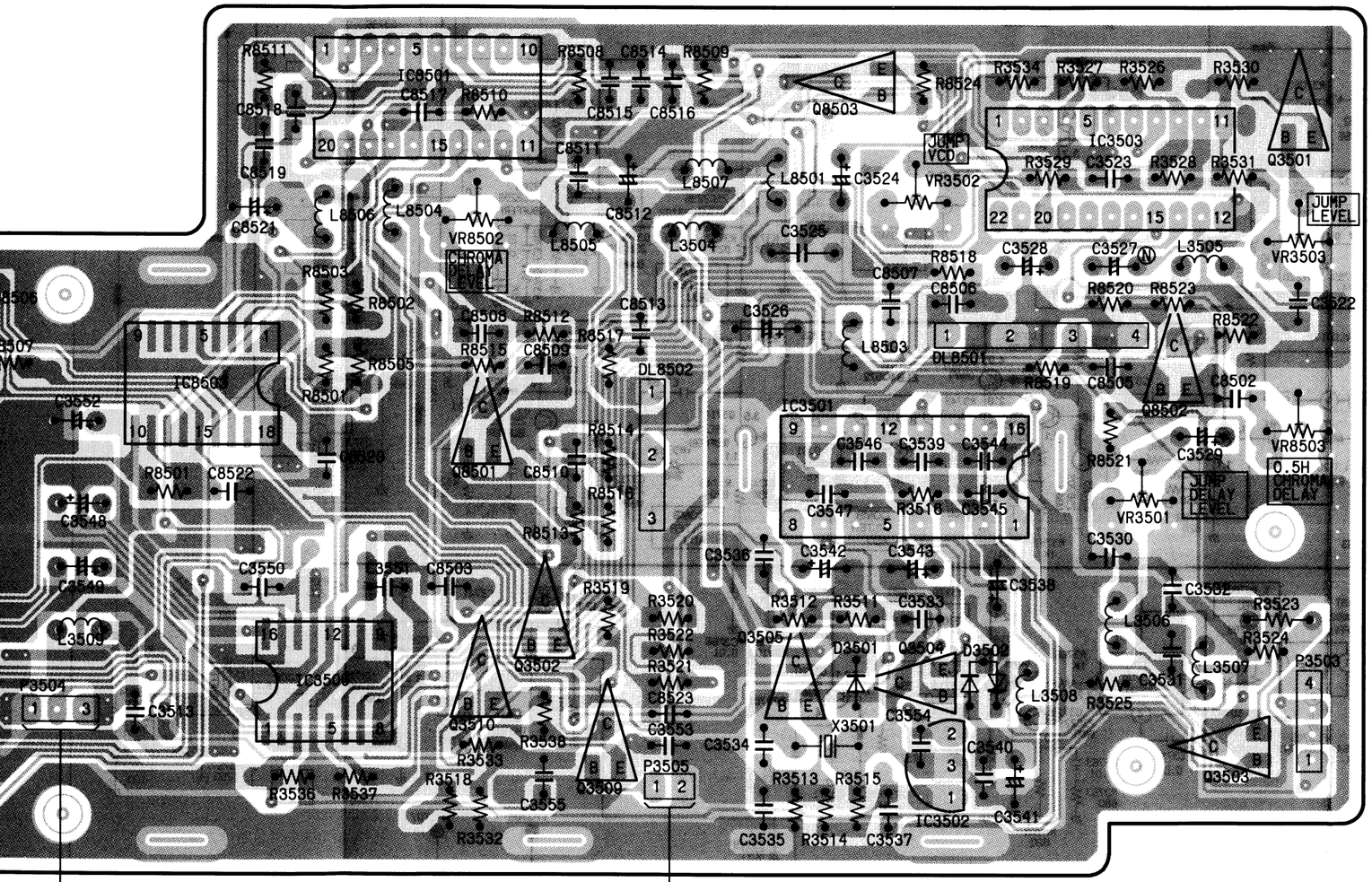
SUB LUMINANCE & CHROMINANCE C.B.A. (VEP03677A)



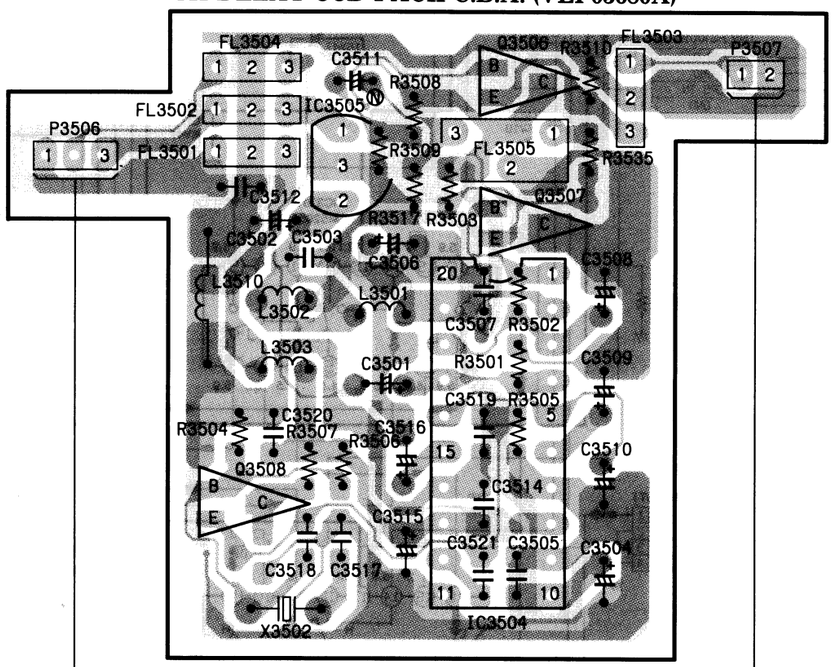
SUB LUMINANCE & CHROMINANCE C.B.A.							
Transistor		Q3510	A-3	IC3506	A-2	**Connector**	
Q3501	C-5	Q8501	B-3	IC8501	C-2	P3501	C-1
Q3502	A-3	Q8502	B-5	IC8503	B-2	P3502	B-1
Q3503	A-5	Q8503	C-4	**Adjustment**		P3503	A-5
Q3504	A-4	**Integrated Circuit**		VR3501	B-5	P3504	A-1
Q3505	B-3	IC3501	B-4	VR3502	C-4	P3505	A-3
Q3506	C-7	IC3502	A-4	VR3503	C-5	P3506	B-6
Q3507	B-7	IC3503	C-4	VR8502	C-2	P3507	C-7
Q3508	B-6	IC3504	A-7	VR8503	B-5		
Q3509	A-3	IC3505	C-6				

ADDRESS INFORMATION

SUB LUMINANCE & CHROMINANCE C.B.A. (VEP03677A)



1H DELAY CCD PACK C.B.A. (VEP03680A)

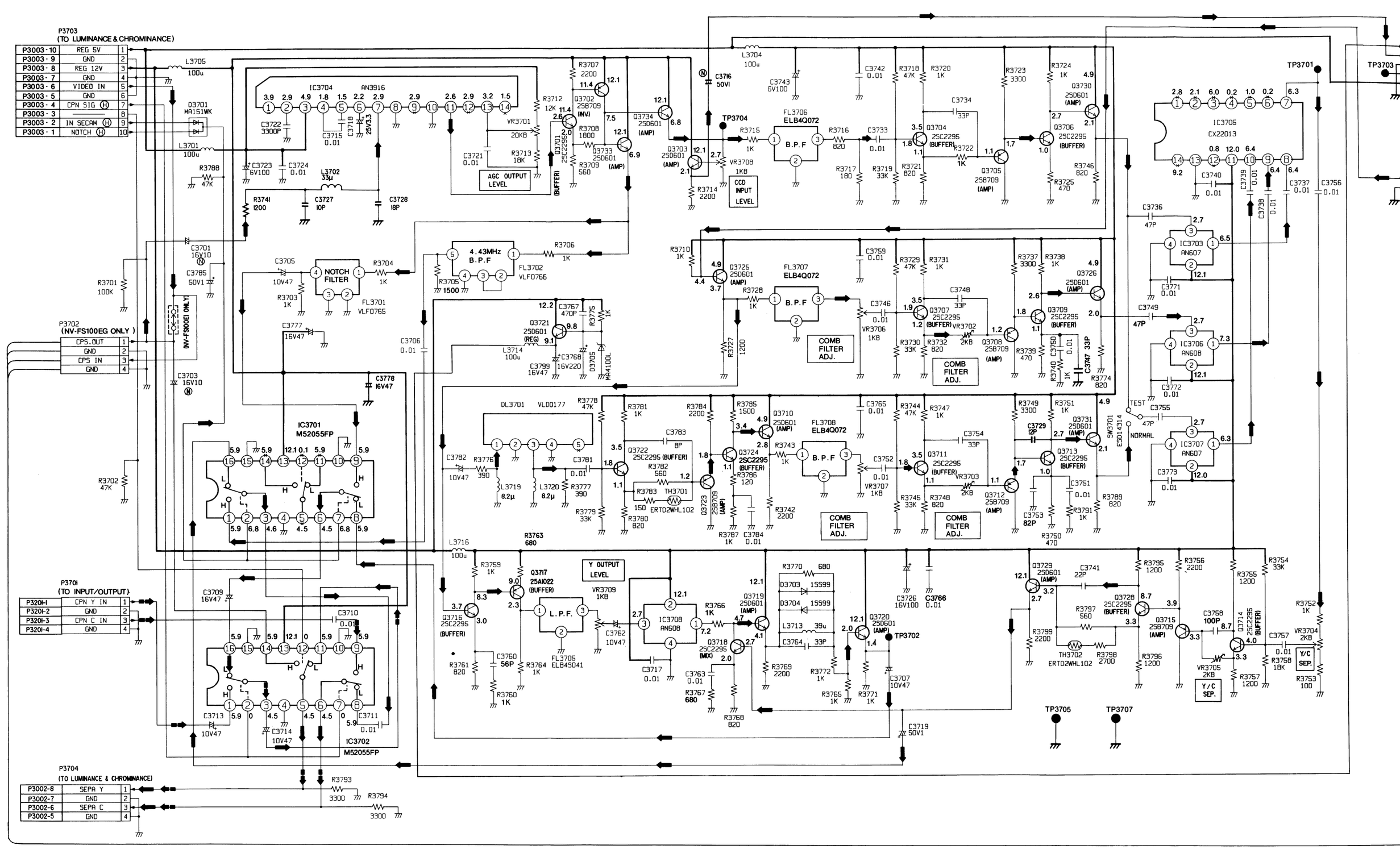


Next Page:
LUMINANCE & CHROMINANCE SEPARATION Section

3-19. LUMINANCE & CHROMINANCE SEPARATION SCHEMATIC DIAGRAM

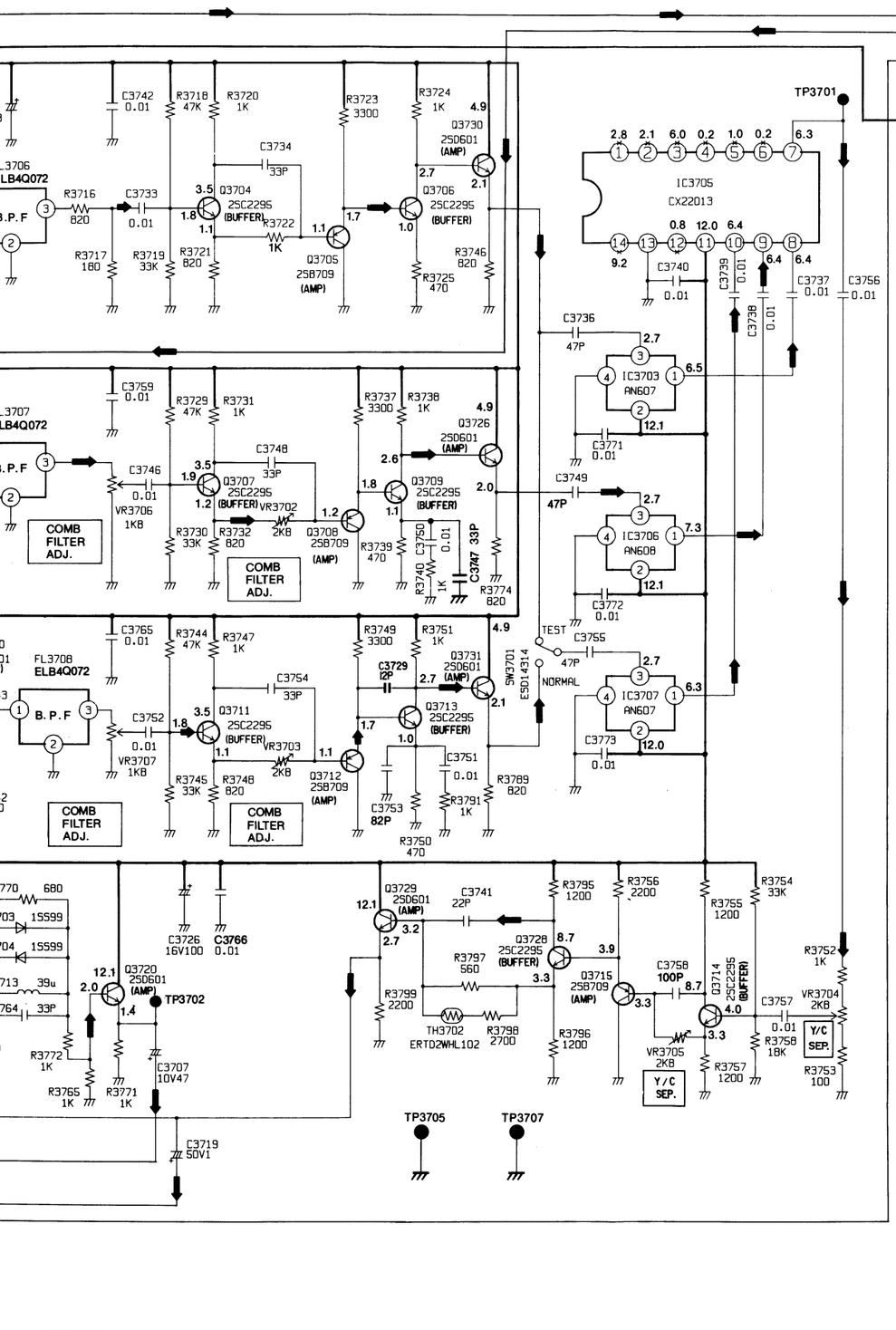
MAIN SIGNAL PATH IN REC MODE (VHS)

MAIN SIGNAL PATH IN

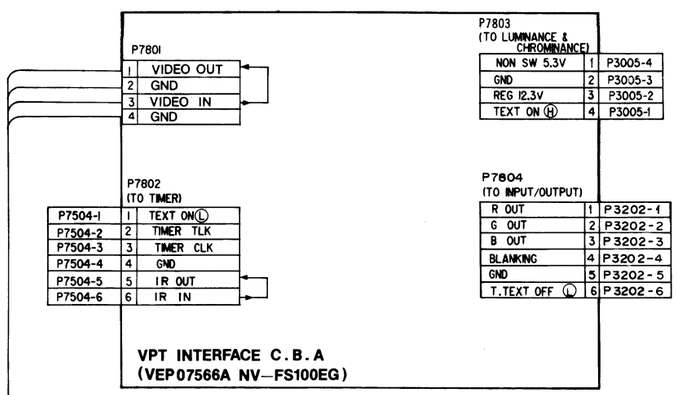


SIGNAL PATH IN REC MODE (VHS)

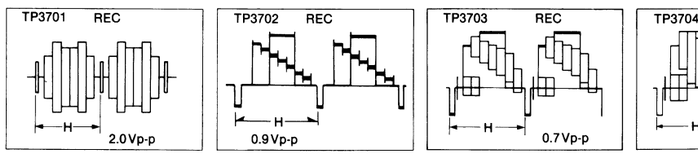
MAIN SIGNAL PATH IN REC MODE (S-VHS)



CCD PACK C.B.A.(VEP03691A)

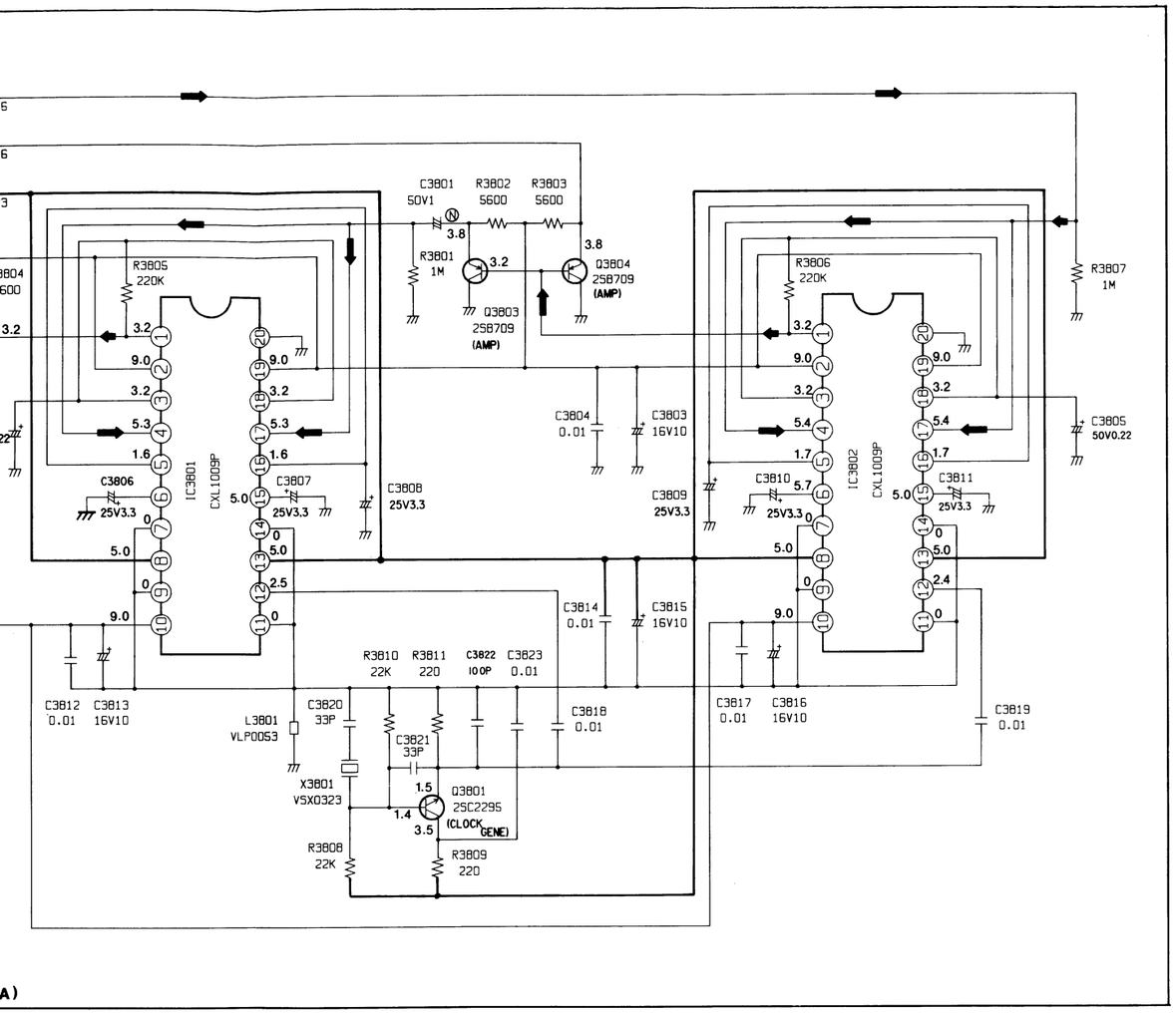


VPT INTERFACE C.B.A
(VEP07566A NV-FS100EG)



NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGR
WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRA
WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

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



A)

P7803
(TO LUMINANCE & CHROMINANCE)

NON SW 5.3V	1	P3005-4
GND	2	P3005-3
REG 12.3V	3	P3005-2
TEXT ON Ⓗ	4	P3005-1

P7804
(TO INPUT/OUTPUT)

R OUT	1	P3202-1
G OUT	2	P3202-2
B OUT	3	P3202-3
BLANKING	4	P3202-4
GND	5	P3202-5
T.TEXT OFF Ⓛ	6	P3202-6

TP3701 REC — H — 2.0Vp-p

TP3702 REC — H — 0.9Vp-p

TP3703 REC — H — 0.7Vp-p

TP3704 REC — H — 1.8Vp-p

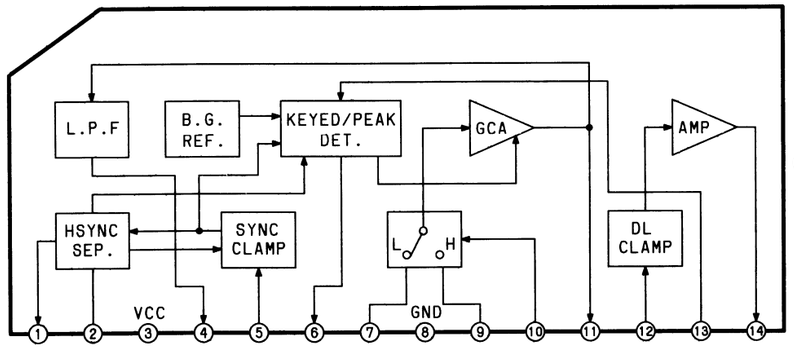
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

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

14 | 15 | 16 | 17 | 18 | 19

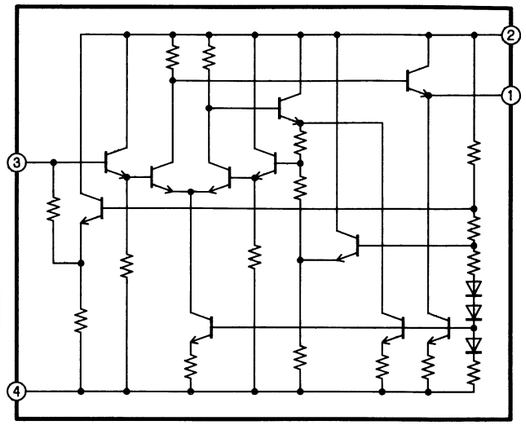
IC BLOCK

IC3704 (AN3916)



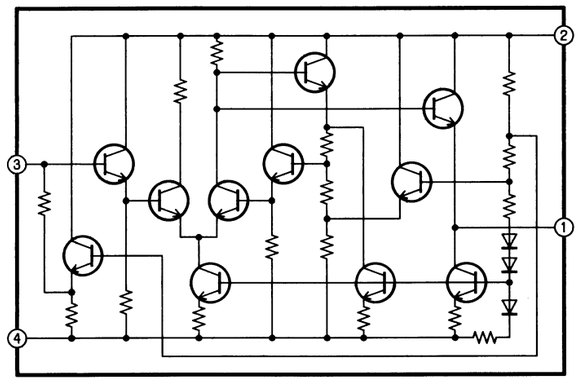
IC3703, IC3707 (AN607)

(WIDE BAND AMPLIFIER)



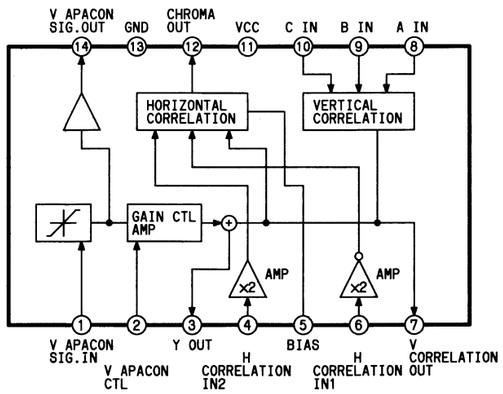
IC3706, IC3708 (AN608)

(WIDE BAND AMPLIFIER)

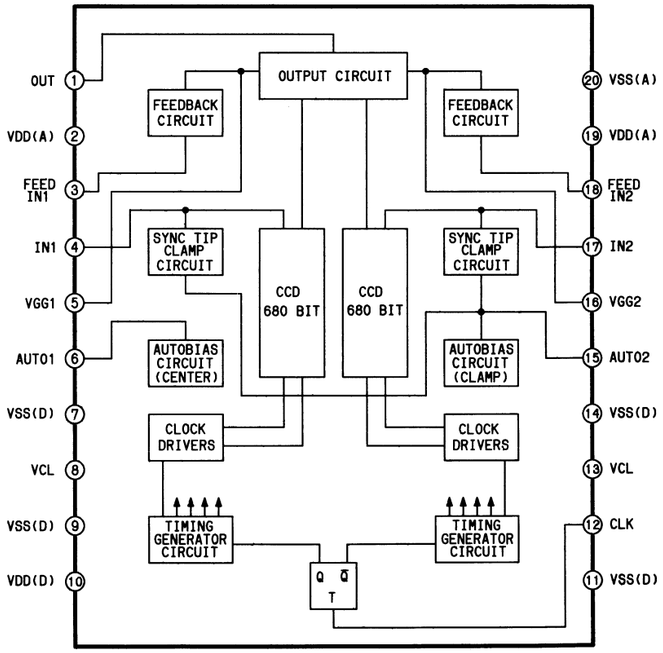


IC3705 (CX22013)

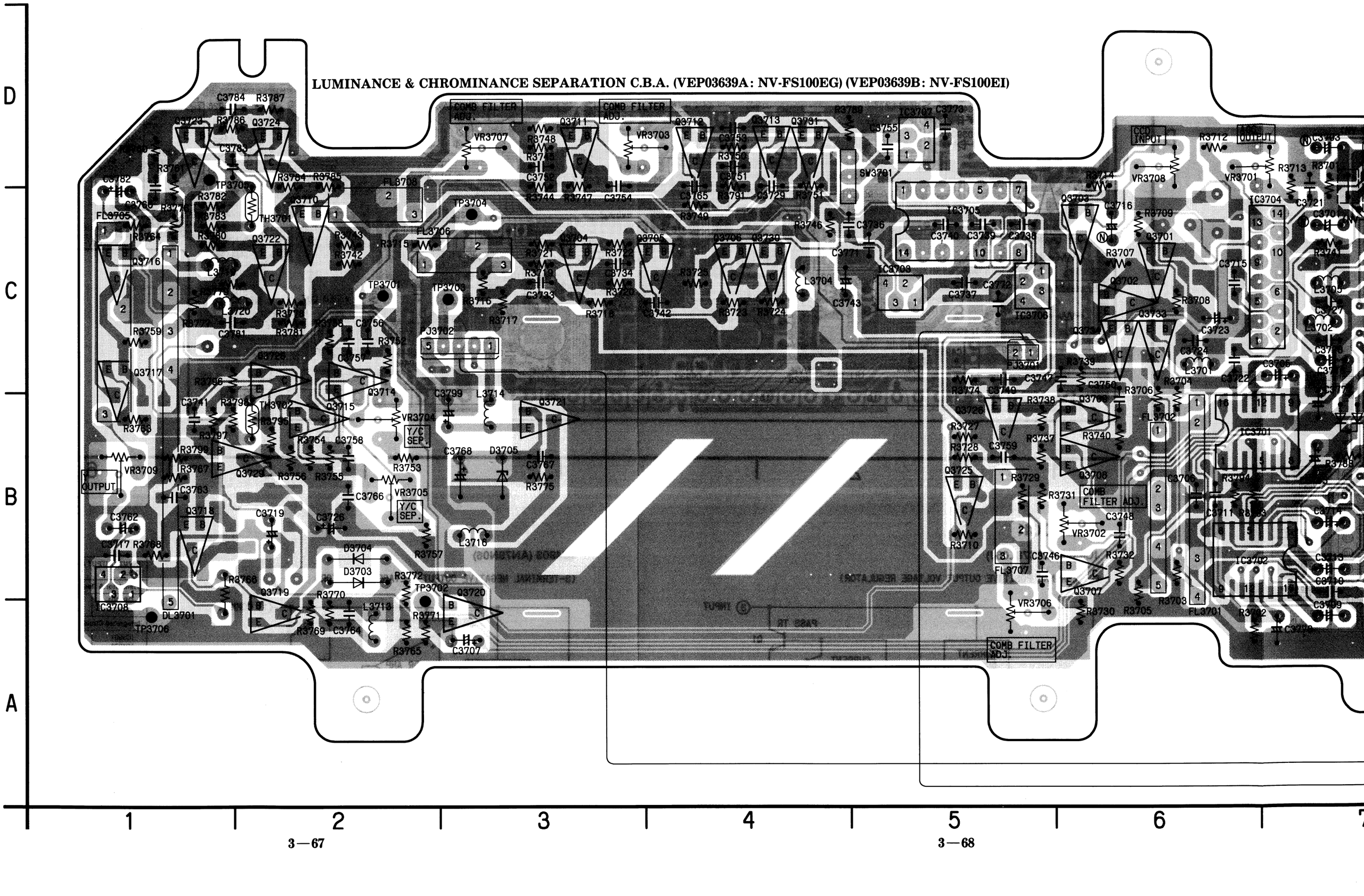
(DYNAMIC COMB FILTER)



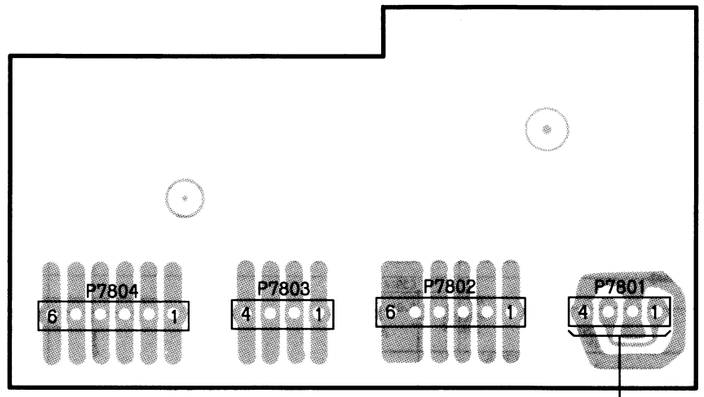
IC3801, IC3802 (CXL1009P)



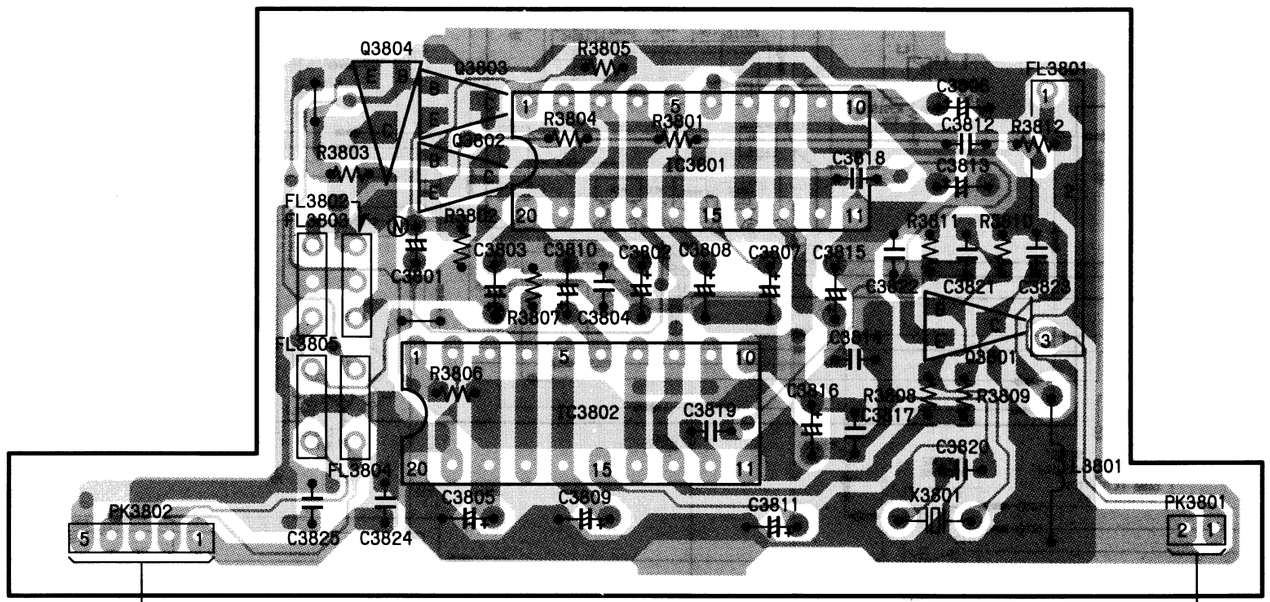
3-20. LUMINANCE & CHROMINANCE SEPARATION C.B.A. (VEP03639A: NV-FS100EG) (VEP03639B: NV-FS100EI)



VPT INTERFACE C.B.A. (VEP07566A: NV-FS100EG)



CCD PACK C.B.A. (VEP03691A)

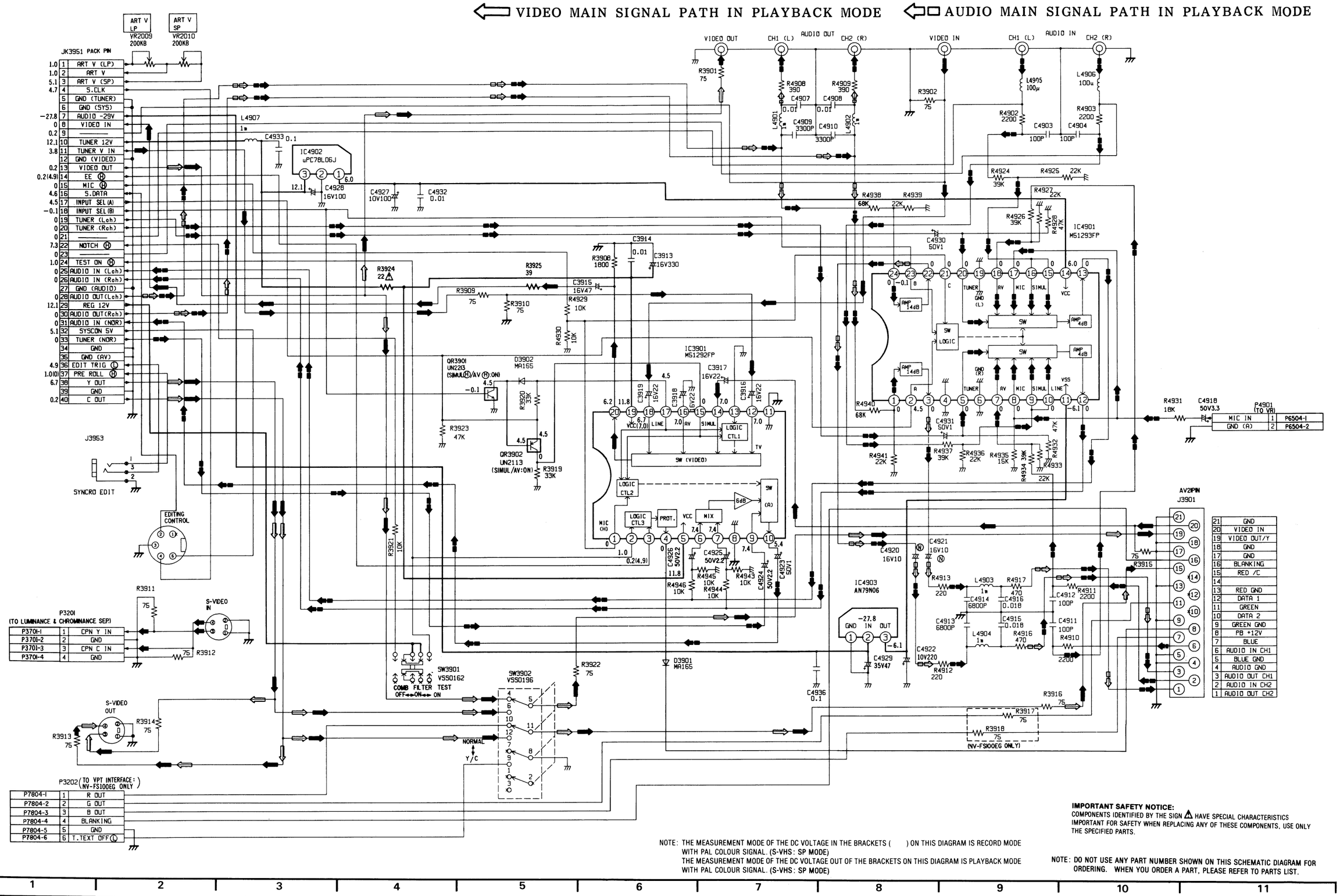


LUMINANCE & CHROMINANCE SEPARATION C.B.A.			
Transistor		IC3703	C-5
Q3701	C-6	IC3704	C-7
Q3702	C-6	IC3705	C-5
Q3703	C-6	IC3706	C-5
Q3704	C-3	IC3707	D-5
Q3705	C-4	IC3708	A-1
Q3706	C-4	IC3801	B-9
Q3707	B-6	IC3802	B-9
Q3708	B-6	**Test Point**	
Q3709	B-6	TP3701	C-2
Q3710	C-2	TP3702	B-2
Q3711	D-3	TP3703	C-3
Q3712	D-4	TP3704	C-3
Q3713	D-4	TP3705	D-1
Q3714	C-2	TP3706	A-1
Q3715	B-2	**Adjustment**	
Q3716	C-1	VR3701	D-6
Q3717	C-1	VR3702	B-6
Q3718	B-1	VR3703	D-3
Q3719	B-2	VR3704	B-2
Q3720	B-3	VR3705	B-2
Q3721	B-3	VR3706	A-5
Q3722	C-2	VR3707	D-3
Q3723	D-1	VR3708	D-6
Q3724	D-2	VR3709	B-1
Q3725	B-5	**Connector**	
Q3726	B-5	P3701	B-7
Q3728	C-2	P3702	D-7
Q3729	B-2	P3703	C-7
Q3730	C-4	P3704	B-7
Q3731	D-4	P7801	C-10
Q3733	C-6	P7802	C-10
Q3734	C-6	P7803	C-9
Q3801	B-10	P7804	C-9
Q3802	B-9	PJ3701	C-5
Q3803	B-9	PJ3702	C-2
Q3804	B-8	PK3801	A-10
Integrated Circuit		PK3802	A-8
IC3701	B-6		
IC3702	B-6		

ADDRESS INFORMATION

3-21. INPUT/OUTPUT PACK SCHEMATIC DIAGRAM

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



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

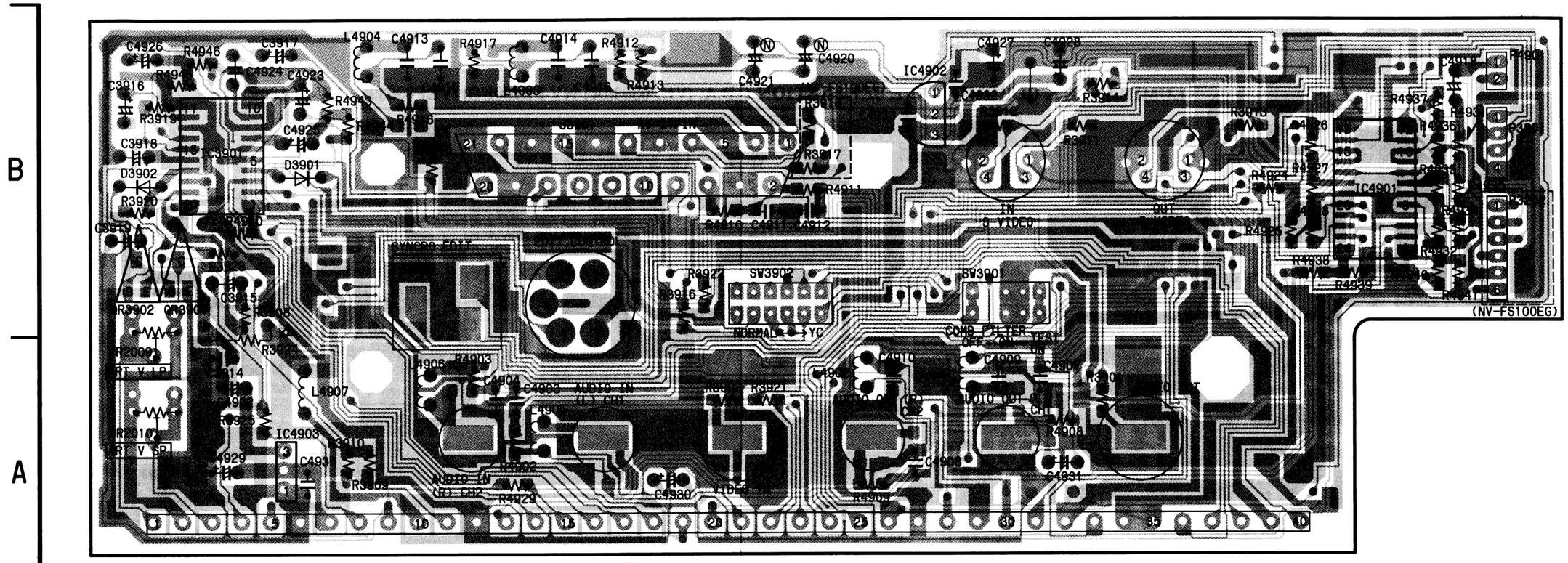
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

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

Back Page:
LUMINANCE & CHROMINANCE SEP. Section 3—71

REC MODE
PLAYBACK MODE

3-22. INPUT/OUTPUT PACK C.B.A. (VEP03641A: NV-FS100EG) (VEP03641B: NV-FS100EI)



C4918
50V3.3

P4901
(TO VR)

MIC IN	1	P6504-1
GND (A)	2	P6504-2

V2PIN
901

21	GND
20	VIDEO IN
19	VIDEO OUT/Y
18	GND
17	GND
16	BLANKING
15	RED /C
14	
13	RED GND
12	DATA 1
11	GREEN
10	DATA 2
9	GREEN GND
8	PB +12V
7	BLUE
6	AUDIO IN CH1
5	BLUE GND
4	AUDIO GND
3	AUDIO OUT CH1
2	AUDIO IN CH2
1	AUDIO OUT CH2

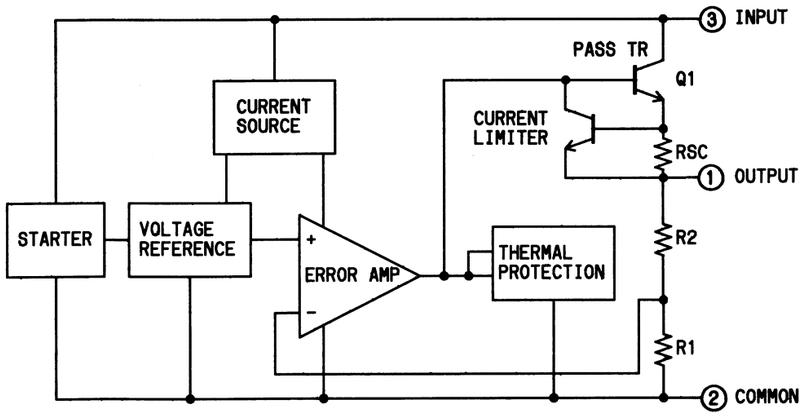
⚠ HAVE SPECIAL CHARACTERISTICS
ING ANY OF THESE COMPONENTS, USE ONLY

HOWN ON THIS SCHEMATIC DIAGRAM FOR
ART, PLEASE REFER TO PARTS LIST.

IC BLOCK

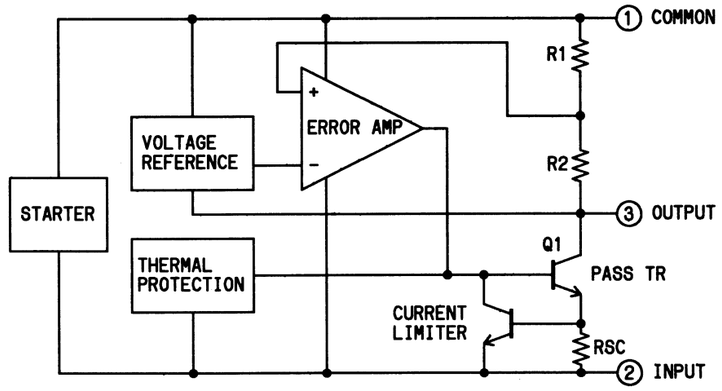
IC4902 (μPC78L06J)

(3-TERMINAL POSITIVE OUTPUT VOLTAGE REGULATOR)



IC4903 (AN79N06)

(3-TERMINAL NEGATIVE OUTPUT VOLTAGE REGULATOR)



INPUT/OUTPUT PACK C.B.A.	
Transistor & Resistor	
QR3901	B-1
QR3902	B-1
Integrated Circuit	
IC3901	B-1
IC4901	B-5
IC4902	B-4
IC4903	A-1
Adjustment	
VR2009	A-1
VR2010	A-1
Connector	
P3201	B-6
P3202	B-6
P4901	B-6

ADDRESS INFORMATION

3-23. HEAD AMP SCHEMATIC DIAGRAM

VIDEO MAIN SIGNAL PATH IN REC MODE

VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

Hi-Fi AUDIO MAIN SIGNAL PATH IN REC MODE

Hi-Fi AUDIO MAIN SIGNAL PATH IN PLAYBACK

P551 (TO AUDIO)

P4002-1	REC 12V	1
P4002-2	REC IN	2
P4002-3	D-FM REC Ⓛ	3
P4002-4	RF OUT	4
P4002-5	G N D	5
P4002-6	A.H.SW	6
P4002-7	REG 5V	7
P4002-8	FLY.E Ⓗ	8
P4002-9	———	9

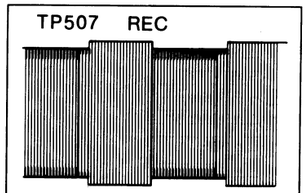
P501 (TO LUMINANCE & CHROMINANCE)

P3001-1	P.B Ⓛ	10
P3001-2	REC Y	9
P3001-3	G N D	8
P3001-4	REC CHROMA	7
P3001-5	RF CHROMA	6
P3001-6	H.AMP SW	5
P3001-7	RF Y	4
P3001-8	ENV.SELECT	3
P3001-9	HEAD SW	2
P3001-10	PLAY 5V	1

P502 (TO CYLINDER HEAD)

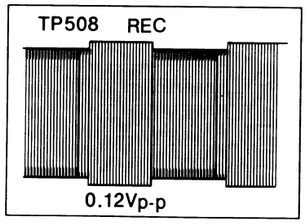
1	SP L	P002-1
2	SP COM.	P002-2
3	SP R	P002-3
4	LP L	P002-4
5	LP COM.	P002-5
6	LP R	P002-6
7	G N D	P002-7
8	A.HEAD L	P002-8
9	A.HEAD C.	P002-9
10	A.HEAD R	P002-10
11	FLY.E HEAD	P002-11
12	FE GND	P002-12

TP507 REC



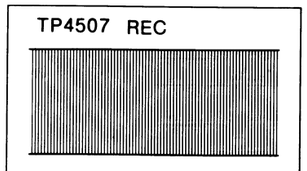
0.26 Vp-p

TP508 REC



0.12Vp-p

TP4507 REC



0.45Vp-p

IC551 BA7740FS

IC501 AN3334K

IC502 VCR0271

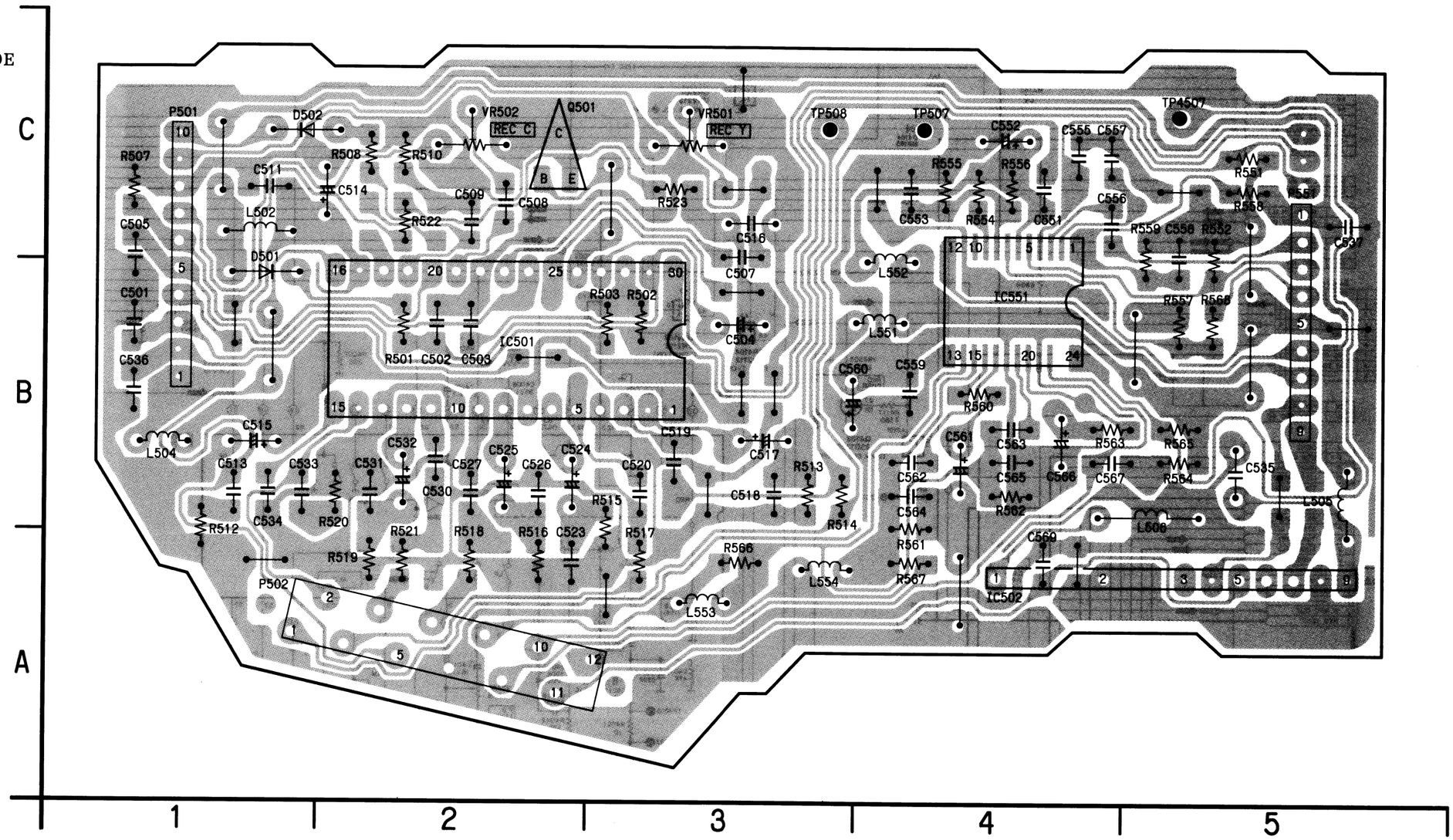
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

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

3-24. HEAD AMP C.B.A. (VEP05149A)

IN SIGNAL PATH IN REC MODE

IN SIGNAL PATH IN PLAYBACK MODE

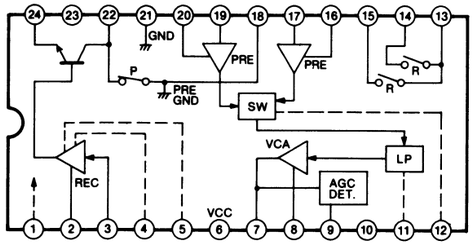


P502 (TO CYLINDER HEAD)

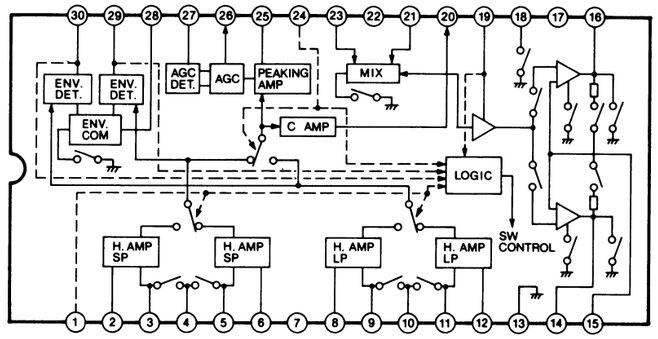
1	SP L	P002-1
2	SP COM.	P002-2
3	SP R	P002-3
4	LP L	P002-4
5	LP COM.	P002-5
6	LP R	P002-6
7	G N D	P002-7
8	A.HEAD L	P002-8
9	A.HEAD C.	P002-9
10	A.HEAD R	P002-10
11	FLY.E HEAD	P002-11
12	FE GND	P002-12

IC BLOCK

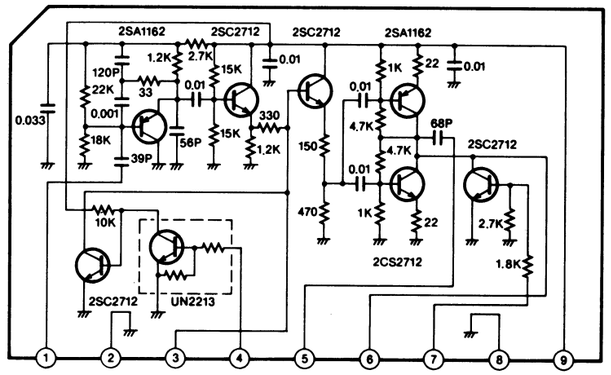
IC551 (BA7740FS)



IC501 (AN3334K)



IC502 (VCR0271)



HEAD AMP C.B.A.	
Transistor	
Q501	C-2
Integrated Circuit	
IC501	B-2
IC502	A-4
IC551	B-4
Test Point	
TP507	C-4
TP508	C-3
TP4507	C-5
Adjustment	
VR501	C-3
VR502	C-2
Connector	
P501	C-1
P502	A-1
P551	C-5

ADDRESS INFORMATION

3-25. AUDIO SCHEMATIC DIAGRAM

MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL PATH IN PLAYBACK MODE

V.....TO LUMINANCE & CHROMINANCE
SY.....TO SYSTEM CONTROL
P.....TO POWER SUPPLY
SE.....TO SERVO

P	REG 5V
SE	H. SW
SY	SSS Ⓛ
SY	A. DUB Ⓗ
SY	A. MODE SEL Ⓗ
V	EE Ⓗ
SY	FM MUTE Ⓗ
P	REG 12.3V
P	MIX Ⓗ
SY	LCH Ⓗ
SY	RCH Ⓗ
V	AUDIO IN (L)
V	AUDIO IN (R)
V	AUDIO OUT (L)
V	AUDIO OUT (R)
SY	REC 12V

P4002 (TO HEAD AMP)

P551 - 1	REC 12V	1
P551 - 2	REC IN	2
P551 - 3	D. FM REC Ⓛ	3
P551 - 4	RF OUT	4
P551 - 5	GND	5
P551 - 6	A. H. SW	6
P551 - 7	REG 5V	7
P551 - 8	FLY ERASE Ⓗ	8
P551 - 9	——	9

SY	FLY ERASE Ⓗ
SY	D. FM REC Ⓗ
V	CONV OUT
P	NON SW 12V
P	UNREG 45V
SY	LEVEL METER 5V
V	TUNER VIDEO IN
P	TUNER 12V
P	NON SW 5V
P	BILINGUAL Ⓛ
P	STEREO LED Ⓛ
V	TUNER (R)
V	TUNER (L)
V	TUNER (N)

RF CONVERTOR △ (ENC17966)

1	RFC OUT
2	CONV OUT
3	——
4	A. RFC OUT
5	REG 12.3V

TV DEMODULATOR PACK C.B.A. (VEP07536K)

1	UNREG 45V
2	——
3	RFC IN
4	NON SW 12V
5	TV/VTR
6	AFC (S CURVE)
7	TUNER 12V
8	CS
9	DATA
10	CLOCK
11	NON SW 5V
12	——
13	GND
14	VIDEO OUT
15	TUNER 12V
16	SYNC Ⓛ
17	AUDIO DEF (S)
18	——
19	GND
20	——
21	——
22	SIF OUT

DECODER PACK C.B.A. (VEP07537A)

1	SIF IN
2	——
3	NORMAL AUDIO
4	——
5	——
6	SYNC Ⓛ
7	TUNER 12V
8	——
9	GND
10	——
11	——
12	——
13	——
14	——
15	BILINGUAL Ⓛ
16	STEREO Ⓛ
17	AUDIO DEF (S)
18	TUNER (R)
19	GND
20	TUNER (L)

QR4102 UN2113 (SSS Ⓛ :ON)
QR4101 UN2213 (A. MODE SEL Ⓗ :ON)
QR4103 UN2112 (LCH Ⓛ :ON)
QR4104 UN2112 (RCH Ⓛ :ON)
Q4103 2SD1328 (D. FM REC Ⓛ :OFF)
QR4105 UN2213 (D. FM REC Ⓗ :ON)
IC4001 BA7766AS

AUDIO POWER C.B.A. (VEP01397A)
Q1251 2SB561 (REG.)
Q1252 2SD655 (VOLTAGE CONTROL)
Q1253 2SD655 (VOLTAGE CONTROL)
Q1254 2SD655 (REG.)

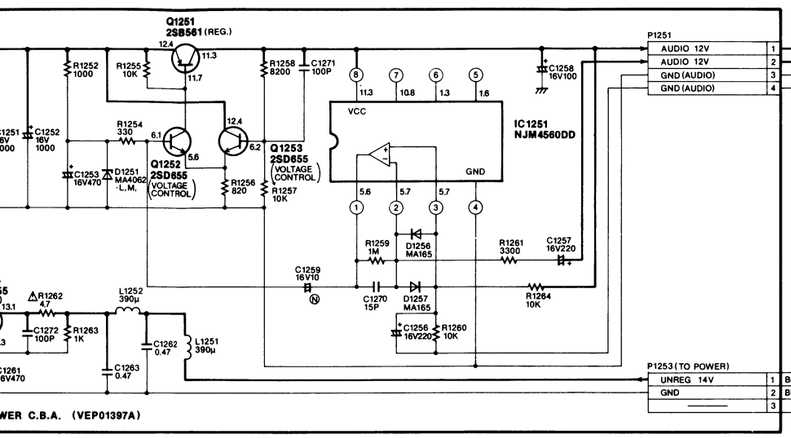
AUDIO EQ PACK C.B.A. (VEP00P10A)

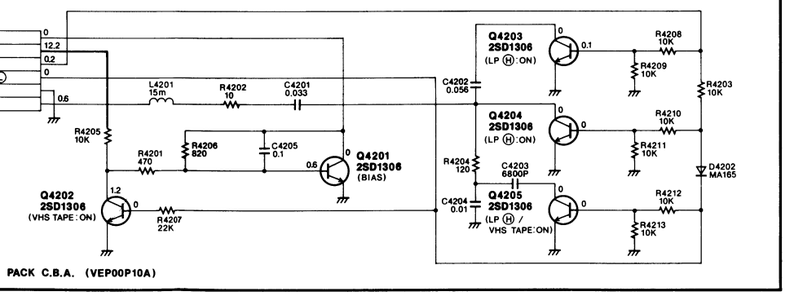
PK4201 1	BIAS
2	REG 12.3V
3	LP Ⓗ
4	S VHS TAPE Ⓛ
5	GND (AUDIO)
6	REC EQ

Q4201 2SD1306 (BIAS)
Q4202 2SD1306 (VHS TAPE : ON)

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MAR
WHEN REPLACING ANY OF THESE COMPO

Back Page:
HEAD AMP Section





P1251

AUDIO 12V	1	
AUDIO 12V	2	
GND (AUDIO)	3	
GND (AUDIO)	4	

P4005

1	AUDIO 12V	
2	AUDIO 12V	
3	GND (AUDIO)	
4	GND (AUDIO)	

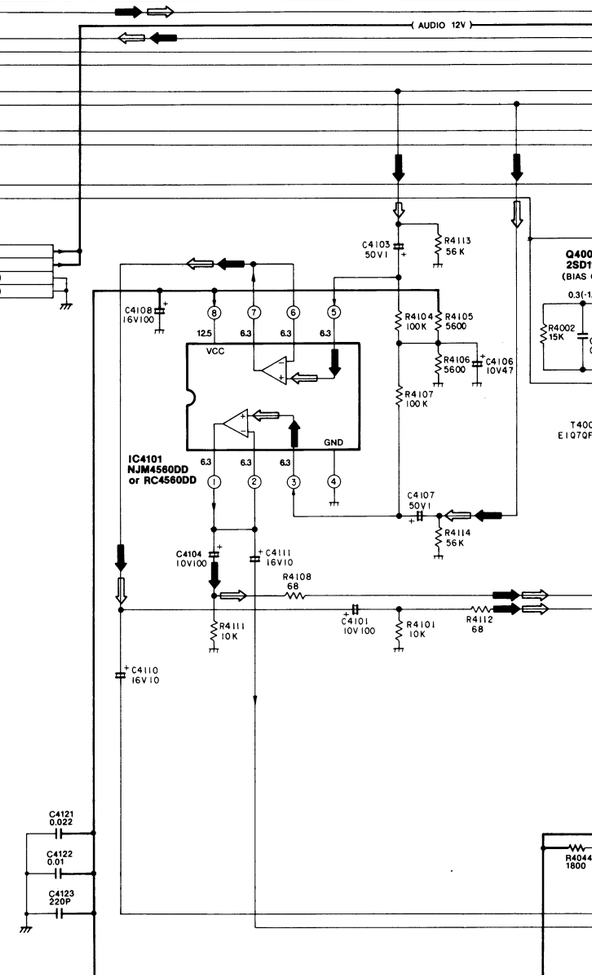
P1253 (TO POWER)

UNREG 14V	1	BP1003-1
GND	2	BP1003-2
———	3	———

(AUDIO 12V)

(REG 12.3V)

(NON SW 12V)



HI-FI AUDIO PACK C.B.A. (VEP04242H)

S. TAB +B		SY
D. A. REC Ⓗ		SY
LP Ⓗ		SE
LA MUTE Ⓗ		SY
H. SW SHIFT	1	
H. SW	2	
ENV OUT	3	
MIX Ⓗ	4	
A. DUB PAUSE Ⓗ	5	
A. MODE SEL Ⓛ	6	
EE Ⓗ	7	
FM MUTE Ⓗ	8	
AUDIO IN (N)	9	
AUDIO 12V	10	
	11	
A. RFC OUT	12	
	13	
GND	14	
	15	
REC VR (L)	16	
REC VR (C)	17	
REC VR (R)	18	
	19	
	20	
AGC Ⓗ	21	
MPX Ⓗ	22	
LCH Ⓛ	23	
RCH Ⓛ	24	
	25	
	26	
	27	
	28	
	29	
	30	
AUDIO IN (L)	51	
GND	52	
AUDIO IN (R)	53	
GND	54	
AUDIO OUT (L)	35	
AUDIO OUT (R)	36	
GND	57	
A. H. SW	58	
GND	59	
RF IN	40	
REC OUT	41	
	42	

MPX Ⓗ		P
AGC Ⓗ		P
REEL +B		SY

P4003 (TO VR)

1	H. P OUT (R)	P6501-1
2	H. P OUT (L)	P6501-2
3	GND	P6501-3
4	PICTURE CNT	P6501-4
5	REC VR (L)	P6501-5
6	REC VR (C)	P6501-6
7	REC VR (R)	P6501-7
8	MIC Ⓗ	P6501-8
9	REG 12.3V	P6501-9

MIC Ⓗ	V

P4001 (TO A/C HEAD)

1	A. HEAD (R)	P1501-3
2	A. HEAD (W)	P1501-4
3	GND	P1501-5
4	A ERASE	P1501-6

S-VHS TAPE Ⓛ	SY
A EE Ⓗ	SY
AUDIO IN (N)	V

METER (L)	SY
METER (R)	SY
GND (A)	V
PICTURE CTL	V
GND (TUNER)	V
FIX 1	SY
FIX 2	SY
TIMER BUS LSN	P
TIMER BUS TLK	P
TIMER BUS CLK	P

P7403 (TO TIMER)

11	TIMER BUS CLK	P7503-11
10	TIMER BUS TLK	P7503-10
9	TIMER BUS LSN	P7503-9
8	AFC (S CURVE)	P7503-8
7	FS CLOCK	P7503-7
6	GND	P7503-6
5	AUDIO DEF Ⓗ	P7503-5
4	SYNC Ⓛ	P7503-4
3	———	P7503-3
2	FS DATA	P7503-2
1	FS CS	P7503-1

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

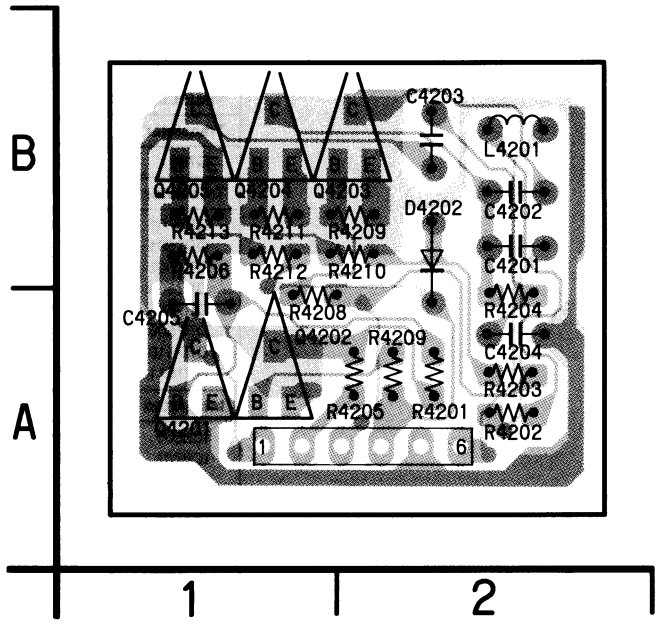
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGES ARE FOLLOWING CONDITION. (S-VHS: SP MODE)

- LINE IN SIGNAL LEVEL... −10dB 1kHz
- MEASUREMENT MODE
  REC...BRACKETS ( )
  PLAY...WITHOUT BRACKETS

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

10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21

3-26. AUDIO EQ PACK C.B.A. (VEP00P10A)



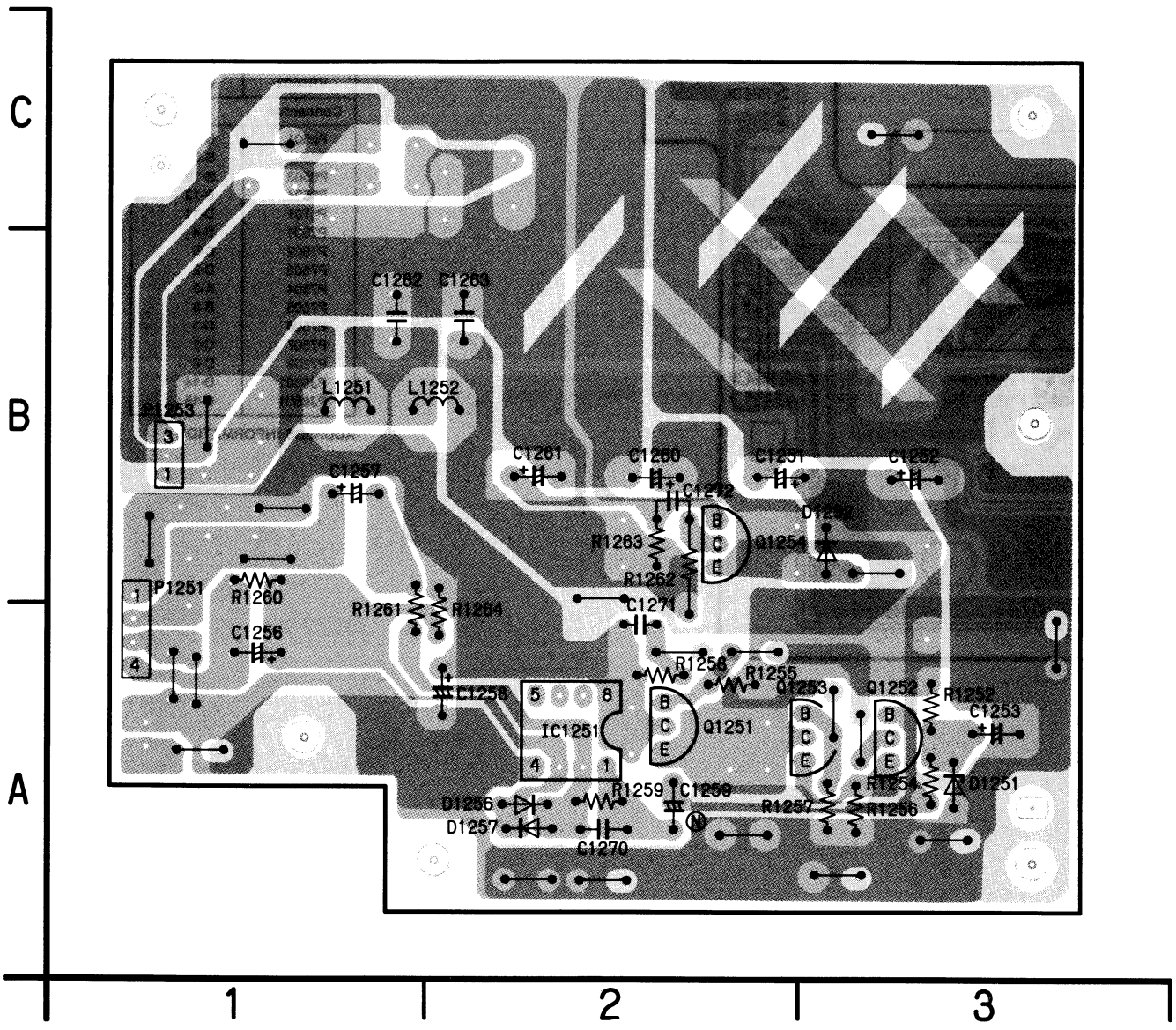
AUDIO EQ PACK C.B.A.	
Transistor	
Q4201	A-1
Q4202	A-1
Q4203	B-2
Q4204	B-1
Q4205	B-1

ADDRESS INFORMATION

AUDIO POWER C.B.A.	
Transistor	
Q1251	A-2
Q1252	A-3
Q1253	A-3
Q1254	B-2
Integrated Circuit	
IC1251	A-2
Connector	
P1251	B-1
P1253	B-1

ADDRESS INFORMATION

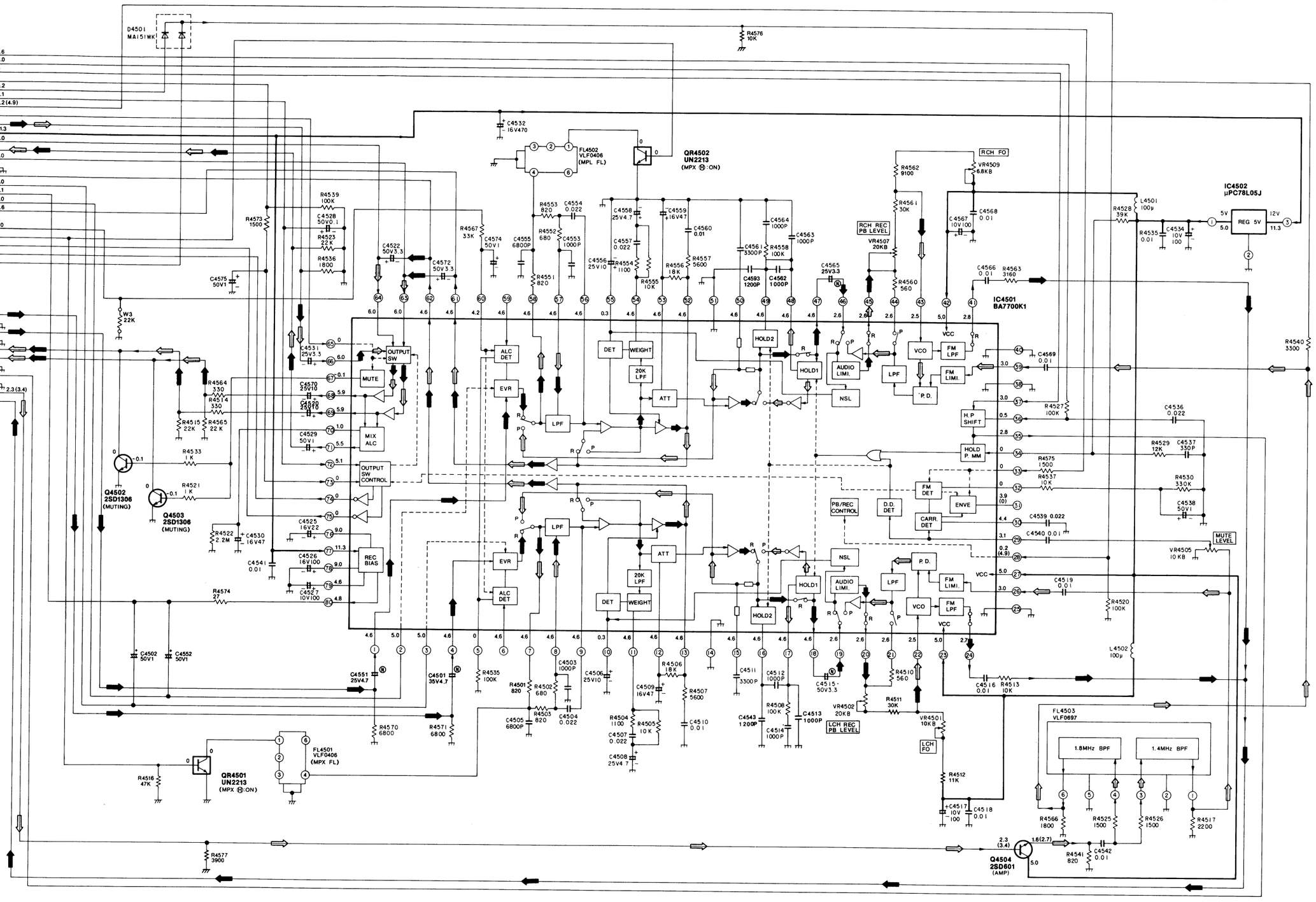
3-27. AUDIO POWER C.B.A. (VEP01397A)



Hi-Fi AUDIO PACK SCHEMATIC DIAGRAM

MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL PATH IN PLAYBACK MODE

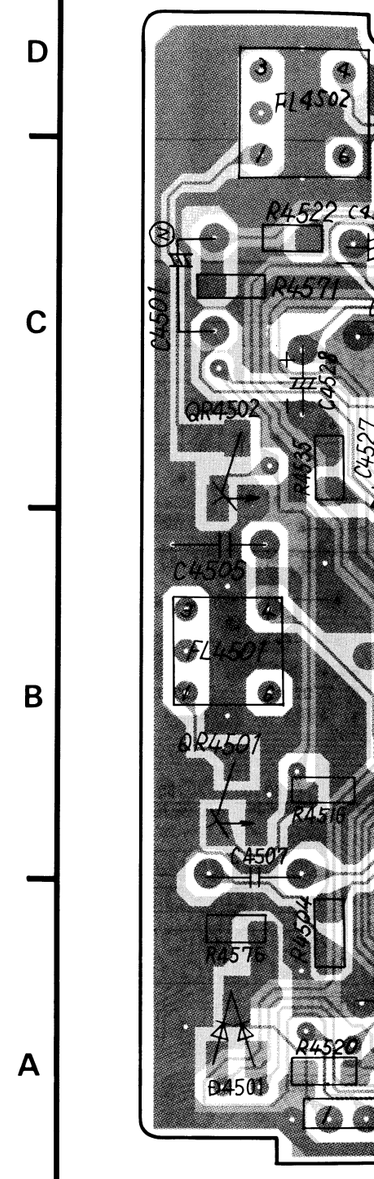


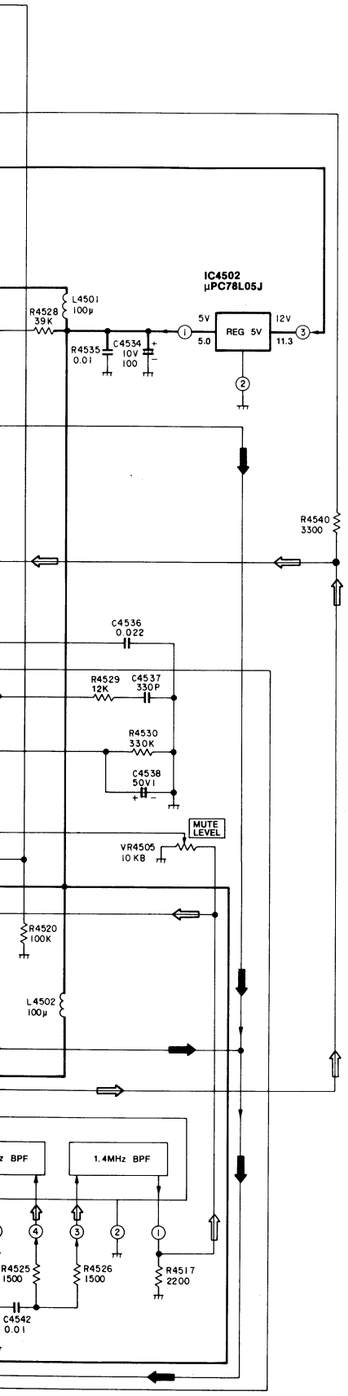
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGES ARE FOLLOWING CONDITION. (SP MODE)

- LINE IN SIGNAL LEVEL... −10dB 1kHz
- MEASUREMENT MODE
  REC...BRACKETS ( )
  PLAY...WITHOU BRACKETS

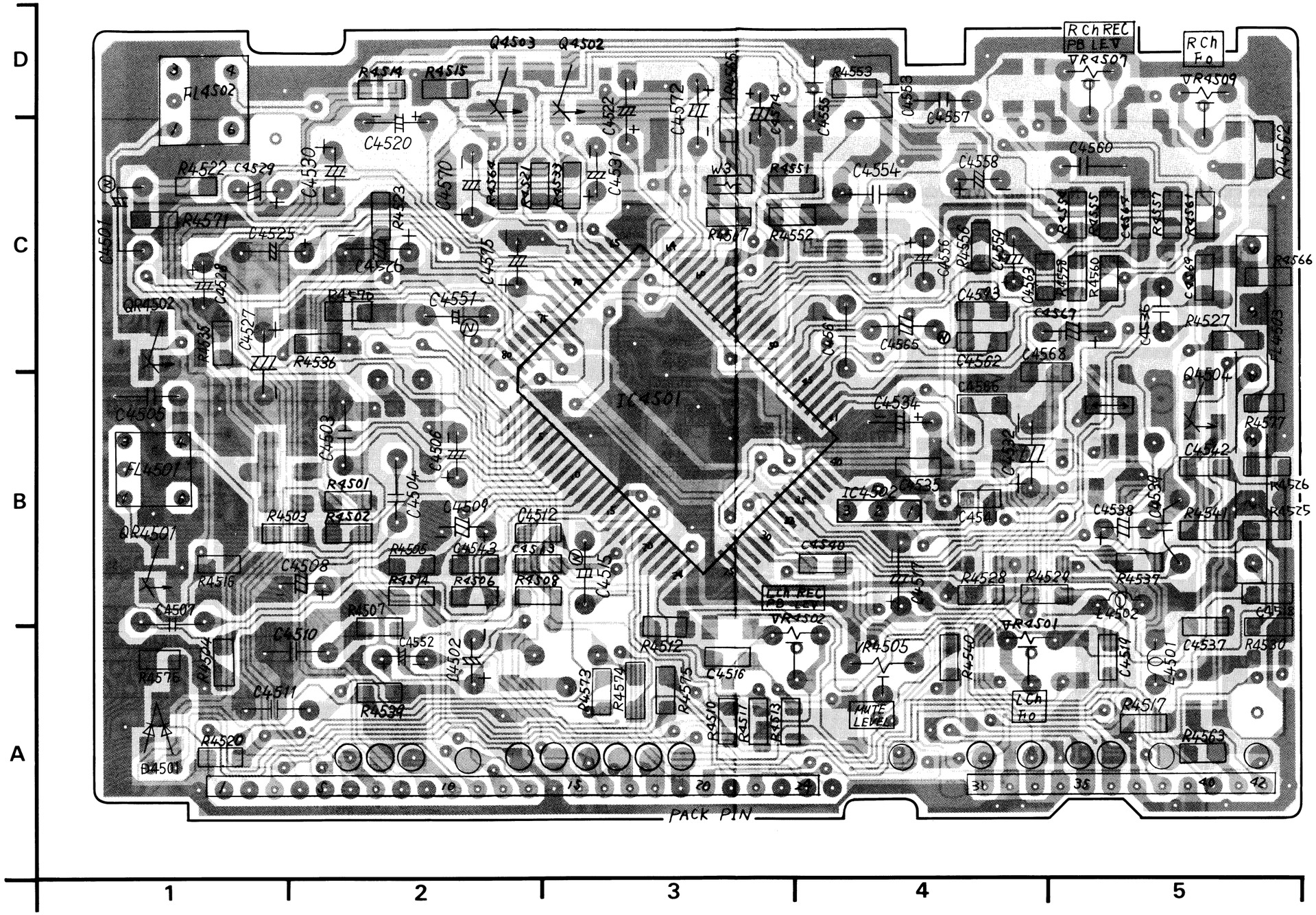
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-29. Hi-Fi AUDIO PA





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

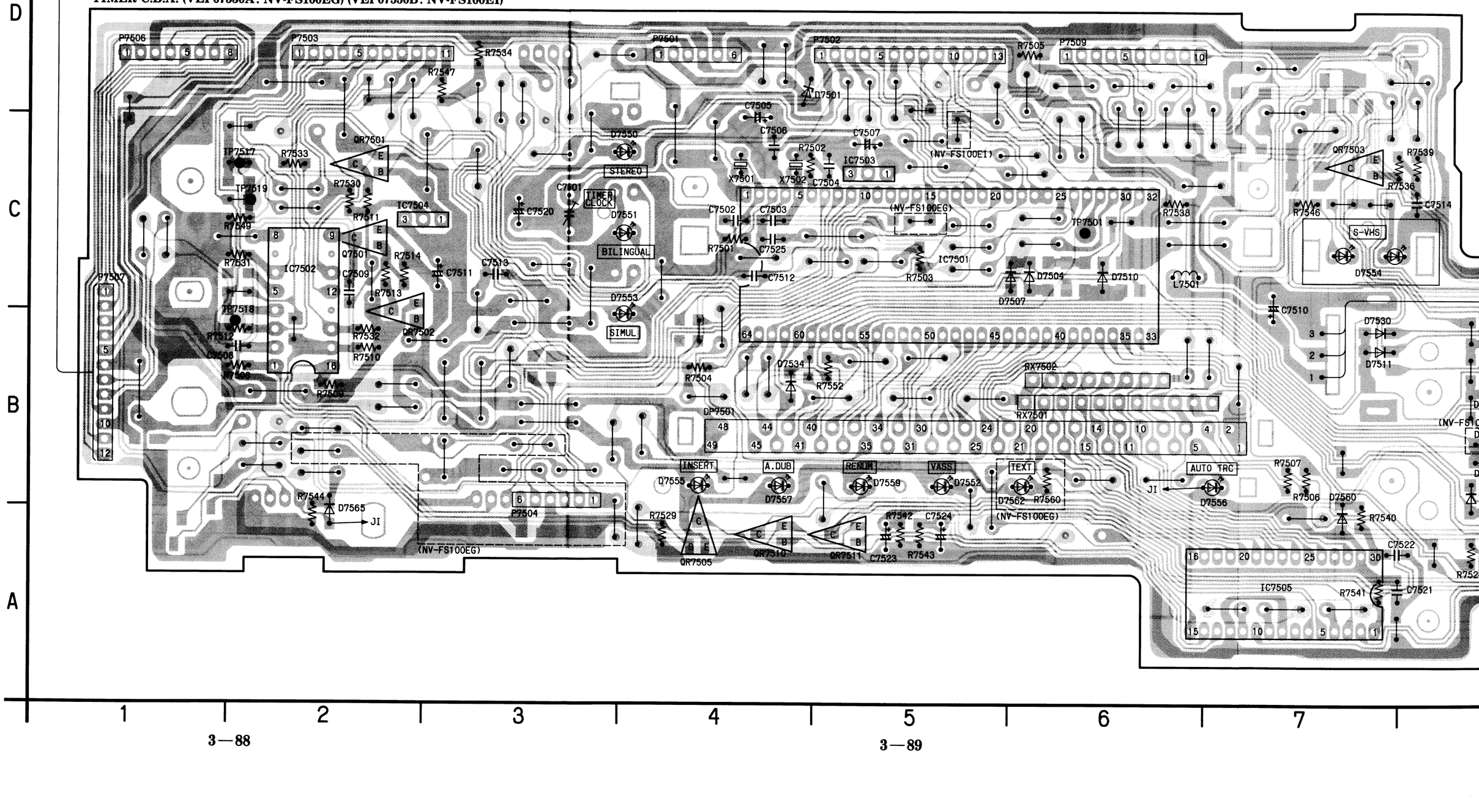


Hi-Fi AUDIO PACK C.B.A.	
Transistor	
Q4502	D-3
Q4503	D-2
Q4504	B-5
Transistor & Resistor	
QR4501	B-1
QR4502	C-1
Integrated Circuit	
IC4501	B-3
IC4502	B-4
Adjustment	
VR4501	A-4
VR4502	A-4
VR4505	A-4
VR4507	D-5
VR4509	D-5

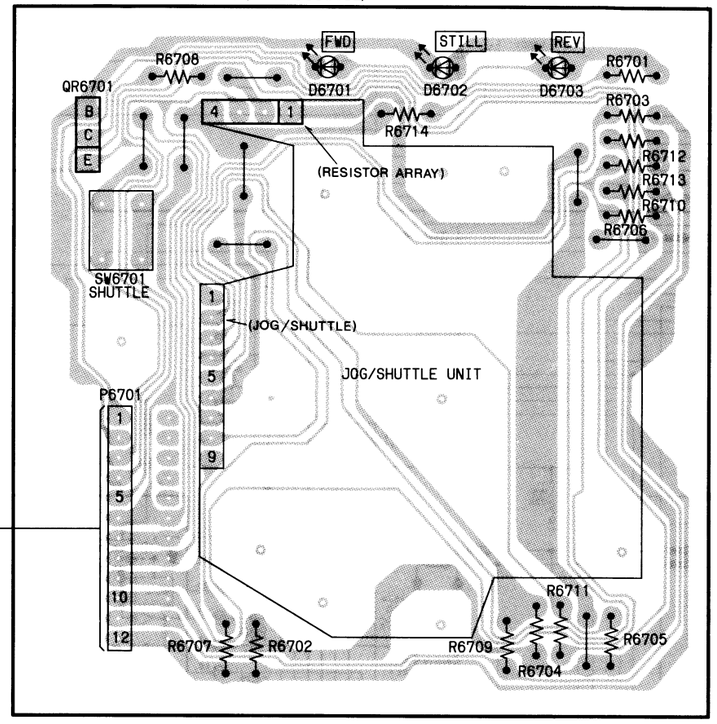
ADDRESS INFORMATION

3-30. TIMER C.B.A. (VEP07530A: NV-FS100EG) (VEP07530B: NV-FS100EI) & VR C.B.A. (VEP06580A)

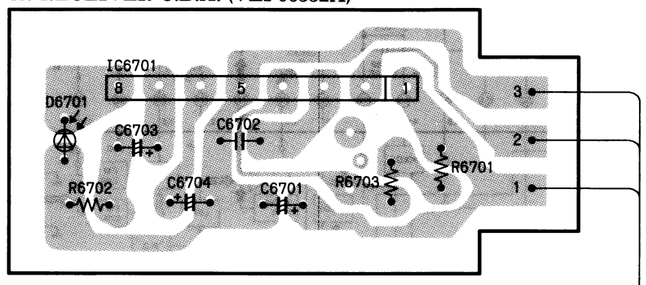
TIMER C.B.A. (VEP07530A: NV-FS100EG) (VEP07530B: NV-FS100EI)



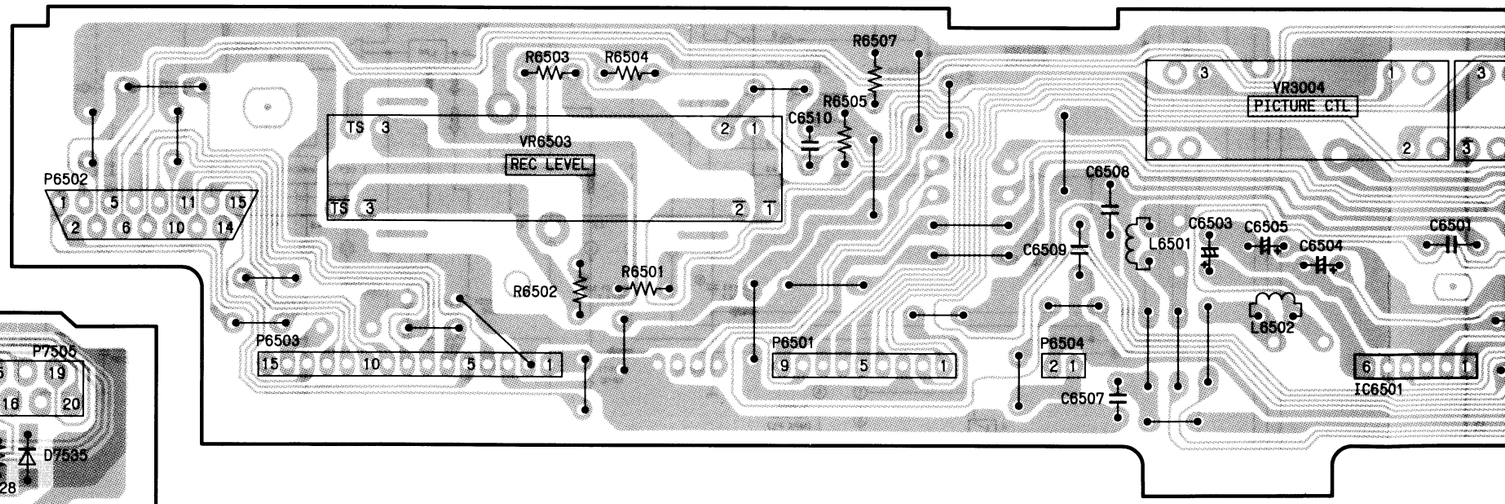
JOG SHUTTLE C.B.A. (VEP06597A)



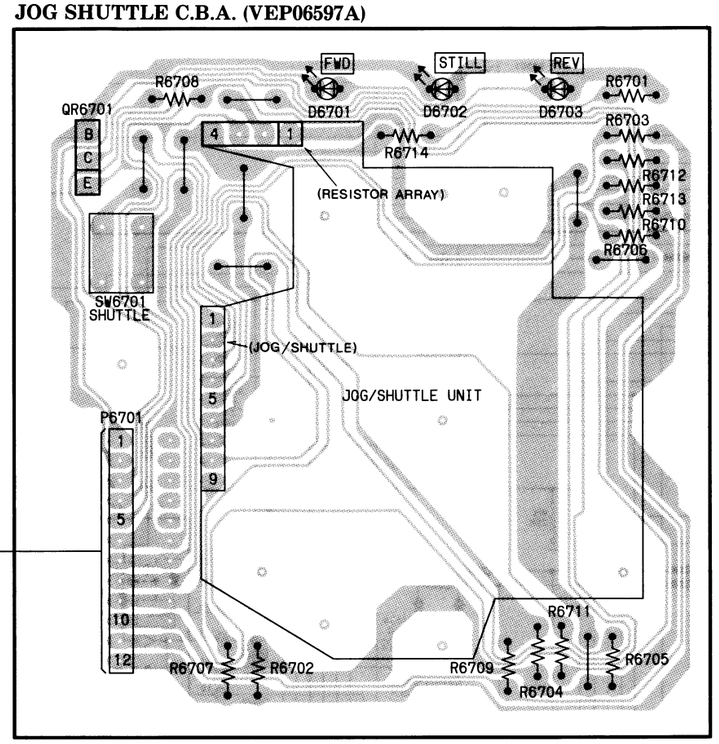
IR RECEIVER C.B.A. (VEP06552A)



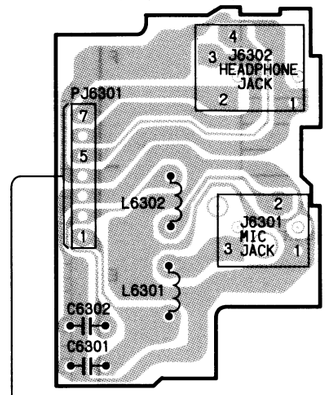
VR C.B.A. (VEP06580A)

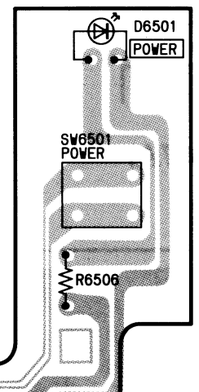


JOG SHUTTLE C.B.A. (VEP06597A)

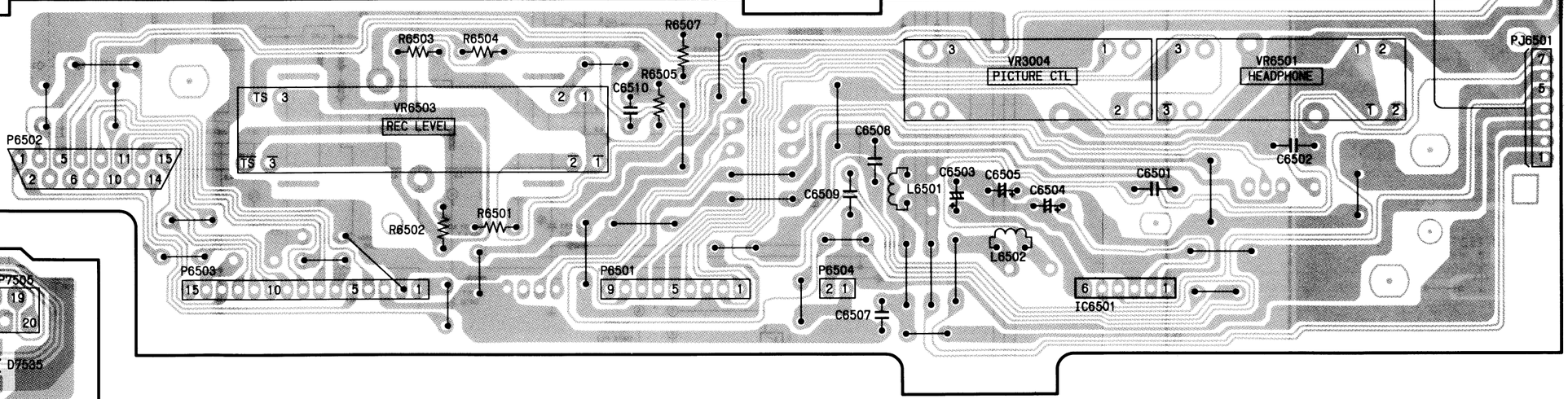


HEADPHONE & MIC JACK C.B.A. (VEP00M29B)





VR C.B.A. (VEP06580A)



TIMER & VR C.B.A.	
Transistor	
Q7501	C-2
Transistor & Resistor	
QR6701	E-11
QR7501	C-2
QR7502	B-2
QR7503	C-7
QR7505	A-4
QR7506	C-8
QR7510	A-4
QR7511	A-5
Integrated Circuit	
IC6501	B-14
IC6701	D-9
IC7501	C-5
IC7502	C-2
IC7503	C-5
IC7504	C-2
IC7505	A-7
Test Point	
TP7501	C-6
TP7517	C-2
TP7518	B-2
TP7519	C-2
Adjustment	
C7501	C-3
VR3004	C-13
VR6501	C-14
VR6503	B-11
Connector	
P6501	B-12
P6502	B-9
P6503	B-10
P6504	B-13
P6701	D-11
P7501	D-4
P7502	D-5
P7503	D-2
P7504	A-3
P7505	B-9
P7506	D-1
P7507	C-1
P7509	D-6
PJ6301	D-14
PJ6501	C-15

ADDRESS INFORMATION

3-31. TIMER & VR SCHEMATIC DIAGRAM

SEGMENT CONTROL SIGNAL
GRID CONTROL SIGNAL
TUNE CONTROL SIGNAL

DP7501 VSL0144A,B

IC6701 μPC1490HA (IR SIGNAL DECODER)

IR RECEIVER C.B.A. (VEP06552A)

IC7505 BA6810S

IC7501 MN187125VFQ : NV-FS100EG
MN187125VFI : NV-FS100EI

IC7503 MN1280L,K (RESET)

IC7504 MN1280S (RESET)

IC7502 MN12261

QR7501 UN2213 (RESET Ⓛ:OFF)

QR7510 UN2112 (SWITCHING)

QR7511 UN2112 (SWITCHING)

QR7505 UN2111 (METER OFF Ⓗ:OFF)

Q7501 2SD801 (POWER ON:ON)

QR7502 UN2112 (POWER ON:ON)

QR7503 UN2113 (TUNER Ⓛ:ON)

QR7506 UN2113 (TEXT ON Ⓛ:ON)

(NV-FS100EG ONLY)

(NV-FS100EI ONLY)

P7506 (TO SYSTEM CTL)

1	SHUTTLE Ⓛ	P7404-1
2	SHUTTLE Ⓗ	P7404-2
3	PLAY 5V	P7404-3
4	JOG 1	P7404-4
5	JOG 2	P7404-5
6	REV LED Ⓛ	P7404-6
7	STILL LED Ⓛ	P7404-7
8	FWD LED Ⓛ	P7404-8

P7507

1	FWD LED Ⓛ	
2	STILL LED Ⓛ	
3	REV LED Ⓛ	
4	PLAY 5V	
5	JOG 1	
6	GND	
7	P52 (O)	
8	P41 (I)	
9	JOG 2	
10	NON SW 5V	
11	SHUTTLE Ⓛ	
12	SHUTTLE Ⓗ	

P7505

1	P43 (I)	
2	P51 (O)	
3	P50 (O)	
4	P40 (I)	
5	P60 (O)	
6	P52 (O)	
7	P41 (I)	
8	P54 (O)	
9	P56 (O)	
10	P61 (O)	
11	P55 (O)	
12	P42 (I)	
13	P53 (O)	
14	P44 (I)	
15	P57 (O)	
16		
17		
18		
19	AUTO TRC OFF Ⓛ	
20	TUNER Ⓛ	

P7501 (TO POWER)

1	HEATER DC ⊕	P7401-1
2	HEATER DC ⊖	P7401-2
3	BACK UP 5V	P7401-3
4	NON SW 5V	P7401-4
5	GND	P7401-5
6	REG −29V	P7401-6

P7509 (TO POWER)

1	STEREO LED Ⓛ	P7405-1
2	BILINGUAL LED Ⓛ	P7405-2
3	SIMUL LED Ⓗ	P7405-3
4	A.DUB LED Ⓛ	P7405-4
5	INSERT LED Ⓛ	P7405-5
6	AUTO TRC LED Ⓛ	P7405-6
7	AUTO TRC OFF Ⓛ	P7405-7
8	RENUMBER Ⓛ	P7405-8
9	VASS LED Ⓛ	P7405-9
10	S-VHS LED Ⓗ	P7405-10

P7504 (TO VPT INTERFACE)(NV-FS100EG ONLY)

1	TEXT ON Ⓛ	P7802-1
2	TMR TLK	P7802-2
3	TMR CLK	P7802-3
4	GND	P7802-4
5	IR OUT	P7802-5
6	IR IN	P7802-6

P7503 (TO AUDIO)

1	FS CS	P7403-1
2	FS DAT	P7403-2
3		P7403-3
4	SYNC Ⓛ	P7403-4
5	AUDIO DEF Ⓗ	P7403-5
6	GND	P7403-6
7	FS CLOCK	P7403-7
8	AFC S-CURVE	P7403-8
9	TIMER LSN	P7403-9
10	TIMER TLK	P7403-10
11	TIMER CLK	P7403-11

P7502 (TO SYSTEM CTL)

1	LEVEL METER 5V	P7402-1
2	METER (R)	P7402-2
3	METER (L)	P7402-3
4	R-CH Ⓗ	P7402-4
5	L-CH Ⓗ	P7402-5
6	FIX 1	P7402-6
7	BUZZER	P7402-7
8	S.CLOCK	P7402-8
9	S.DATA	P7402-9
10	TUNER Ⓛ	P7402-10
11	FIX 2	P7402-11
12	———	P7402-12
13	———	P7402-13

BIT 0	OFF	OFF	OFF	OFF	ON	ON	ON	ON
BIT 1	OFF	OFF	ON	ON	OFF	OFF	ON	ON
BIT 2	OFF	ON	OFF	ON	OFF	ON	OFF	ON
BIT 3	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
BIT 4	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF

SIGNAL
NAL
NAL

P7506
(TO SYSTEM CTL)

1	SHUTTLE (L)	P7404 - 1
2	SHUTTLE (H)	P7404 - 2
3	PLAY 5V	P7404 - 3
4	JOG 1	P7404 - 4
5	JOG 2	P7404 - 5
6	REV LED (L)	P7404 - 6
7	STILL LED (L)	P7404 - 7
8	FWD LED (L)	P7404 - 8

P7507

1	FWD LED (L)	
2	STILL LED (L)	
3	REV LED (L)	
4	PLAY 5V	
5	JOG 1	
6	GND	
7	P52 (O)	
8	P41 (I)	
9	JOG 2	
10	NON SW 5V	
11	SHUTTLE (L)	
12	SHUTTLE (H)	

P7505

1	P43 (I)	
2	P51 (O)	
3	P50 (O)	
4	P40 (I)	
5	P60 (O)	
6	P52 (O)	
7	P41 (I)	
8	P54 (O)	
9	P56 (O)	
10	P61 (O)	
11	P55 (O)	
12	P42 (I)	
13	P53 (O)	
14	P44 (I)	
15	P57 (O)	
16	——	
17	——	
18	——	
19	AUTO TRC OFF (L)	
20	TUNER (L)	

P7501
(TO POWER)

1	HEATER DC (+)	P7401 - 1
2	HEATER DC (−)	P7401 - 2
3	BACK UP 5V	P7401 - 3
4	NON SW 5V	P7401 - 4
5	GND	P7401 - 5
6	REG −29V	P7401 - 6

P7509
(TO POWER)

1	STEREO LED (L)	P7405 - 1
2	BILINGUAL LED (L)	P7405 - 2
3	SIMUL LED (H)	P7405 - 3
4	A.DUB LED (L)	P7405 - 4
5	INSERT LED (L)	P7405 - 5
6	AUTO TRC LED (L)	P7405 - 6
7	AUTO TRC OFF (L)	P7405 - 7
8	RENUMBER (L)	P7405 - 8
9	VASS LED (L)	P7405 - 9
10	S-VHS LED (H)	P7405 - 10

BILINGUAL
D7551 LN28RCPL

UTO TRC

R7546 39
D7554 VLL0055
S-VHS

P7504
(TO VPT INTERFACE)(NV-FS100EG ONLY)

1	TEXT ON (L)	P7802 - 1
2	TMR TLK	P7802 - 2
3	TMR CLK	P7802 - 3
4	GND	P7802 - 4
5	IR OUT	P7802 - 5
6	IR IN	P7802 - 6

P7503
(TO AUDIO)

1	FS CS	P7403 - 1
2	FS DAT	P7403 - 2
3	——	P7403 - 3
4	SYNC (L)	P7403 - 4
5	AUDIO DEF (H)	P7403 - 5
6	GND	P7403 - 6
7	FS CLOCK	P7403 - 7
8	AFC S-CURVE	P7403 - 8
9	TIMER LSN	P7403 - 9
10	TIMER TLK	P7403 - 10
11	TIMER CLK	P7403 - 11

P7502
(TO SYSTEM CTL)

1	LEVEL METER 5V	P7402 - 1
2	METER (R)	P7402 - 2
3	METER (L)	P7402 - 3
4	R-CH (H)	P7402 - 4
5	L-CH (H)	P7402 - 5
6	FIX 1	P7402 - 6
7	BUZZER	P7402 - 7
8	S.CLOCK	P7402 - 8
9	S.DATA	P7402 - 9
10	TUNER (L)	P7402 - 10
11	FIX 2	P7402 - 11
12	——	P7402 - 12
13	——	P7402 - 13

JOG SHUTTLE C.B.A. (VEP06597A)

P6701

1	FWD LED (L)
2	STILL LED (L)
3	REV LED (L)
4	PLAY 5V
5	JOG1
6	GND
7	P52
8	P41
9	JOG2
10	NON SW 5V
11	SHUTTLE(L)
12	SHUTTLE(H)

R6702 10K, R6704 1800, R6705 1800, R6706 1800, R6703 18K, R6707 10K, R6701 270, R6709 91K, R6711 68K, R6713 51K, R6712 33K, R6710 12K, R6708 680, R6714 120K

D6701 FWD, D6702 STILL, D6703 REV
LN38GCPP x 3

SHUTTLE
SW6701
EVQQS307K

22K, 22K

QR6701
DTA124EA
(STILL LED
①:ON)

JOG/SHUTTLE (VSQ0651)

1	BIT 0
2	BIT 1
3	BIT 2
4	BIT 3
5	BIT 4
6	GND
7	JOG1
8	JOG LED
9	JOG2

STATOR TERMINAL
ROTOR
REV, PLAY, STILL, SLOW, FWD, CUE
X9, X7, X5, X2, 1/5, 1/7, 1/10, 1/20, 1/30

	REV ← X9	X7	X5	X2	1	1/5	1/7	1/10	1/20	1/30	STILL	1/30	1/20	1/10	1/7	1/5	1	X2	X5	X7	X9 → FWD
BIT 0	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
BIT 1	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON
BIT 2	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	ON
BIT 3	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON
BIT 4	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF

HEADPHONE & MIC JACK C.B.A. (VEP00M29B)

J6301
HEADPHONE JACK
VJJ0192

J6302
MIC JACK
VJJ0210

L6301 220µ, L6302 220µ, C6302 0.01, C6301 0.01

PJ6301

L-CH	1	
R-CH	2	
GND (H.P)	3	
GND (MIC)	4	
MIC (H)	5	
AUDIO 12V	6	
MIC IN	7	

DOOR PANEL UNIT

P43, P51, P50, P40, P60, P52, P41, P54, P56, P61, P55, P42, P53, P44, P57, ——, ——, ——, AUTO TRC OFF (L), TUNER (L)

UN5212
22K, 22K

P40 P41 P42 P43 P44

P50 STOP EJECT REW FF STILL
P51 REC A.DUB PLAY/X2
P52 INSRT
P53 COUNT/ RESET
P54 TAPE REMAIN
P55 TIMER REC LP/SP
P56 CH UP CH DN
P57 CLOCK PRO/ CHECK NEXT/ FAST TRACK UP TRACK DN
P60 ON UP ON DN OFF UP OFF DN PRESET
P61 VPS CLEAR

S-VHS SW ON/OFF
TAPE SELECT SW E240 / ~E180
DIGITAL TRACKING SW ON/OFF
SIMUL SW ON/OFF
INPUT SELECT SW S-IN / LINE/AUDIO / TUNER
Hi-Fi/NORMAL MIX SW ON/OFF
MPX FILTER SW ON/OFF
AUDIO RECORDING SW AGC / MANUAL
NOISE FILTER/EDIT SW EDIT ON / OFF / NOISE FITER ON
1K

MIX (H)	1	
LINE (H)	2	
SIMUL (H)	3	
GND	4	
P53	5	
P44	6	
PIX SOFT (H)	7	
EDIT (H)	8	
MPX (H)	9	
SYSTEM CTL 5V	10	
——	11	
AGC (H)	12	
S-VHS SW (H)	13	
TAPE SEL. SW	14	
S-VHS IN (H)	15	

SW6501
EVQQS307K
POWER SW

P6502

1	MIX (H)	
2	LINE (H)	
3	SIMUL (H)	
4	GND	
5	P53	
6	P44	
7	PIX SOFT (H)	
8	EDIT (H)	
9	MPX (H)	
10	SYSTEM CTL 5V	
11	——	
12	AGC (H)	
13	S-VHS SW (H)	
14	TAPE SEL. SW	
15	S-VHS IN (H)	

P6503 (TO POWER)

P6003 - 1	1	LINE (H)
P6003 - 2	2	SYSTEM CTL 5V
P6003 - 3	3	GND
P6003 - 4	4	SIMUL (H)
P6003 - 5	5	TAPE SEL. SW
P6003 - 6	6	EDIT (H)
P6003 - 7	7	PIX SOFT (H)
P6003 - 8	8	MPX (H)
P6003 - 9	9	AGC (H)
P6003 - 10	10	S-VHS SW (H)
P6003 - 11	11	——
P6003 - 12	12	MIX (H)
P6003 - 13	13	S-VHS IN (H)
P6003 - 14	14	——
P6003 - 15	15	——

C6507 0.01, C6508 0.12, C6509 0.12

VR C.B.A. (VEP06580A)

PICTURE
VR3004 20KB
R7507 2200
R6506 270
D6501 LN21RCPHL
POWER

HEADPHONE
VR6501 2KC (L, R)
C6501 0.022, C6502 0.022
L6501 470µ, L6502 470µ

PJ6501

L-CH	1	
R-CH	2	
GND(H.P)	3	
GND(MIC)	4	
MIC (H)	5	
AUDIO 12V	6	
MIC IN	7	

P6501 (TO AUDIO)

H.P OUT (R)	1	P4003 - 1
H.P OUT (L)	2	P4003 - 2
GND	3	P4003 - 3
PICTURE CNT	4	P4003 - 4
REC VR (L)	5	P4003 - 5
REC VR (C)	6	P4003 - 6
REC VR (R)	7	P4003 - 7
MIC (H)	8	P4003 - 8
AUDIO 12V	9	P4003 - 9

R6502 200, R6501 1600, C6510 0.01
VR6503 20KJ
REC LEVEL
R6505 11K, R6503 1600, R6504 200

BA3308
MIC AMP L.CH, MIC AMP R.CH, MUTING, GAIN CTL, GAIN CTL, ALC
GND, VCC
0.001, 3900, 47K, 68P, 68, 560K, 47K, 4700
1.8, 1.8, 0, 0, 12.2
C6503 10V33, C6504 25V3.3
IC6501 VCR0172
C6505 16V33

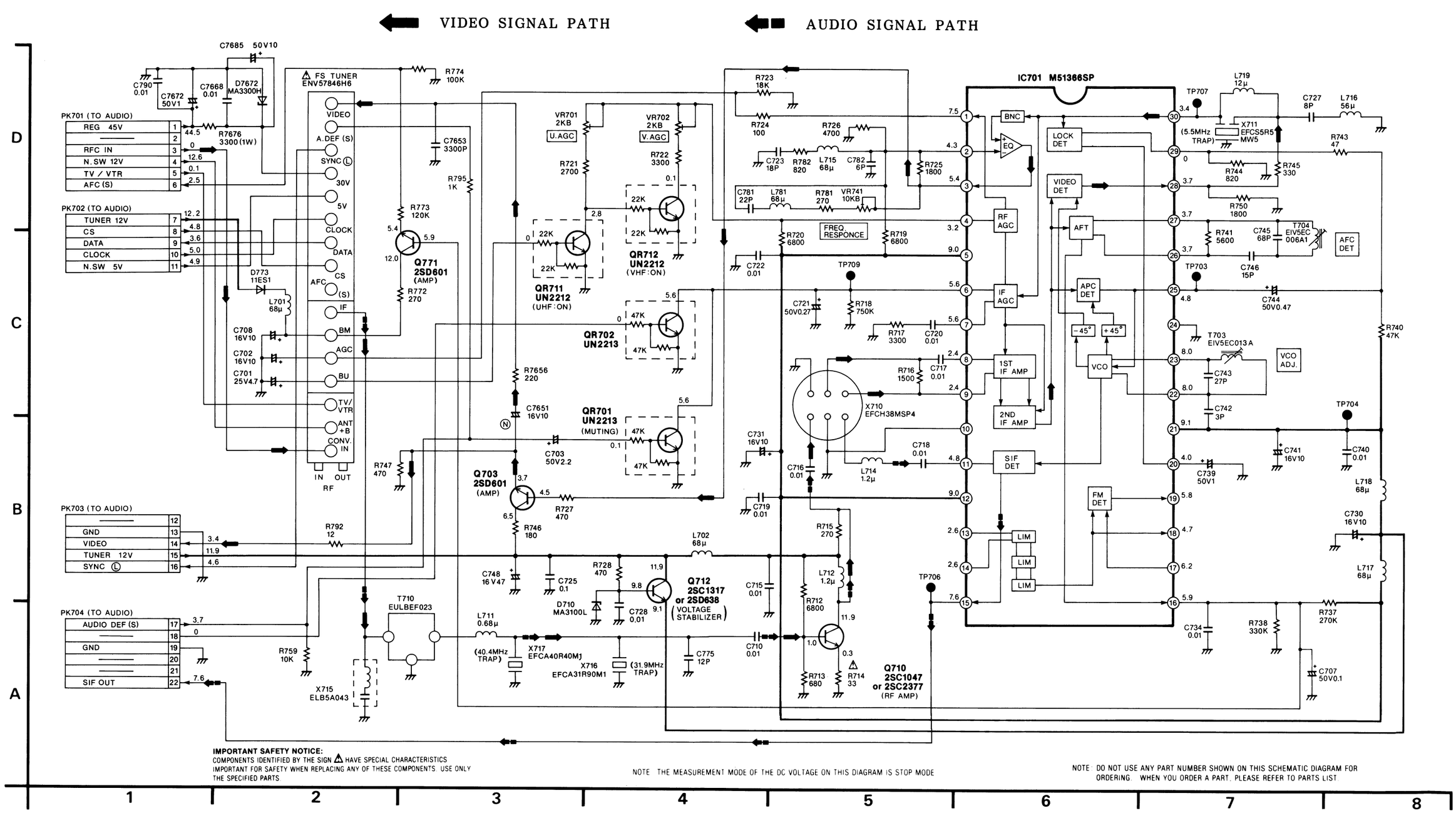
P6504(TO INPUT/OUTPUT)

MIC OUT	1	P4901 - 1
GND	2	P4902 - 2

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE. (S-VHS: SP MODE)

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

11 12 13 14 15 16 17 18 19 20 21 22

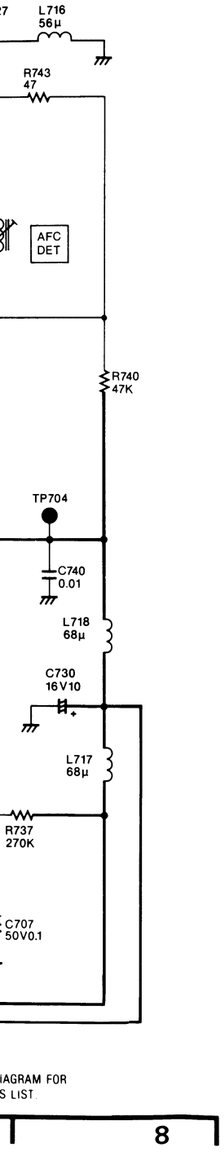


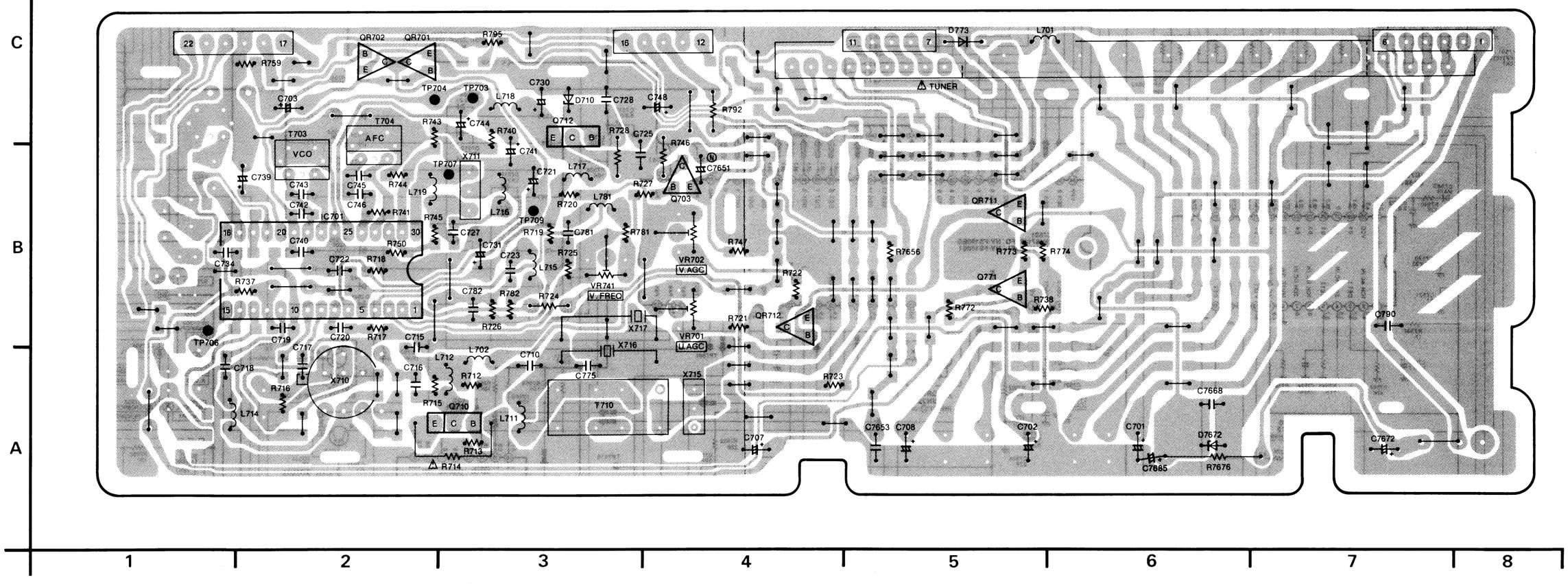
Back Page:
TIMER & VR Section

3-33. TV DEMODULATOR PACK C.B.A. (VEP07536K)

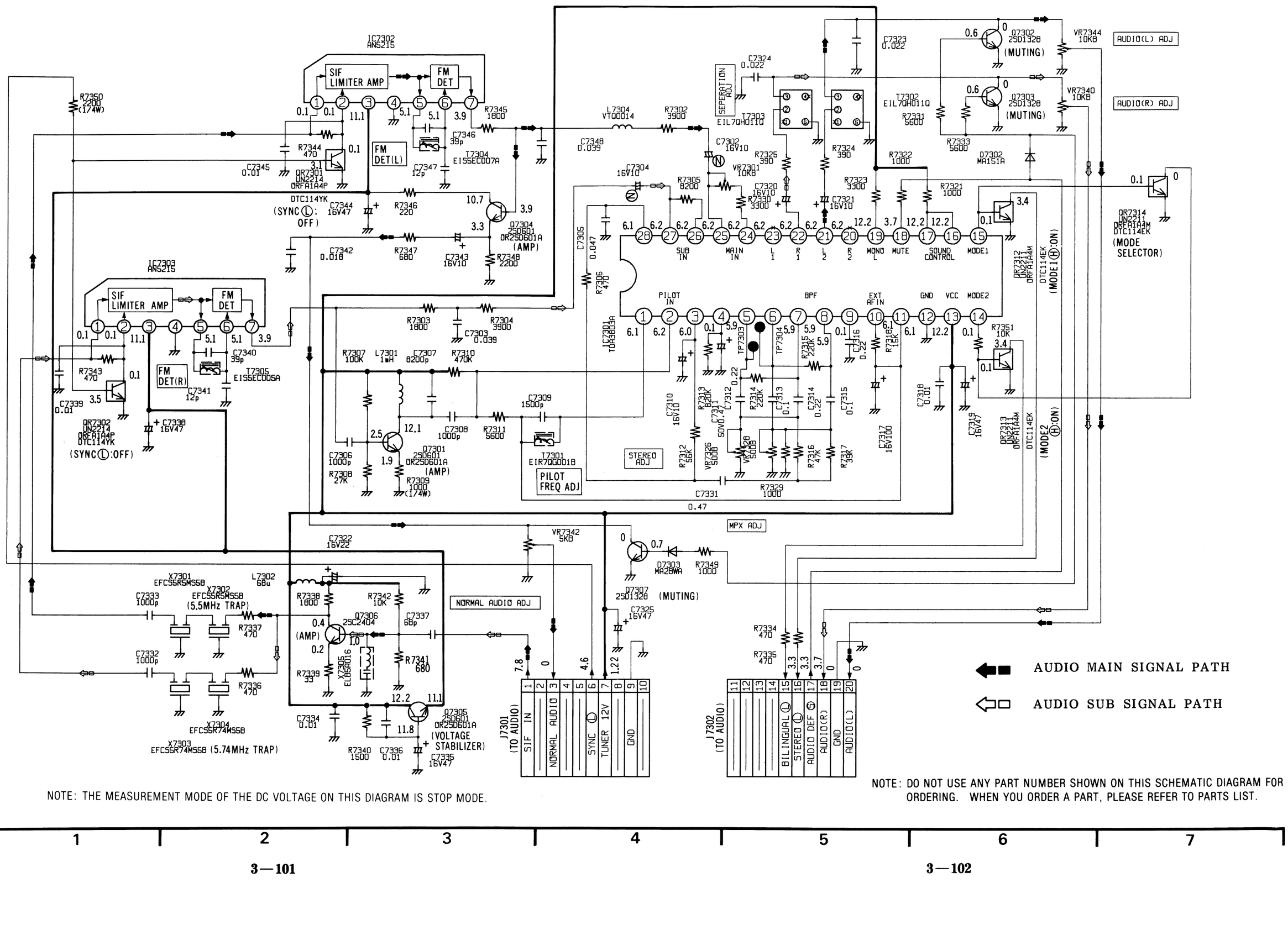
TV DEMODULATOR PACK C.B.A.			
Transistor		**Test Point**	
Q703	B-4	TP703	C-3
Q710	A-3	TP704	C-2
Q712	C-3	TP706	B-1
Q771	B-5	TP707	B-3
Transistor & Resistor		TP709	B-3
QR701	C-2	**Adjustment**	
QR702	C-2	T703	C-2
QR711	B-5	T704	C-2
QR712	B-4	VR701	B-4
Integrated Circuit		VR702	B-4
IC701	B-2	VR741	B-3

ADDRESS INFORMATION





3-34. DECODER PACK SCHEMATIC DIAGRAM

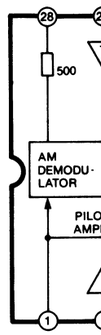


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

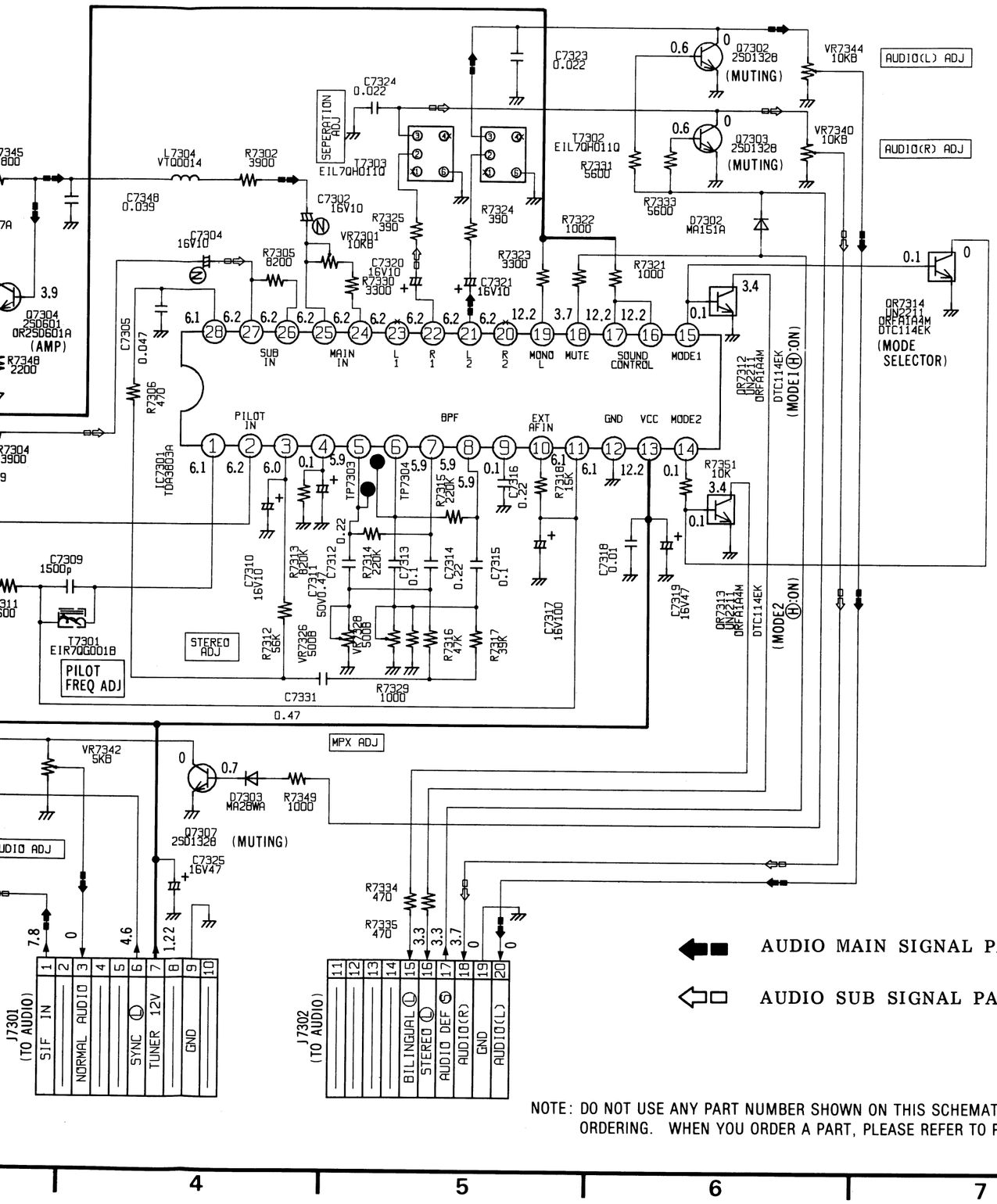
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

IC BLO

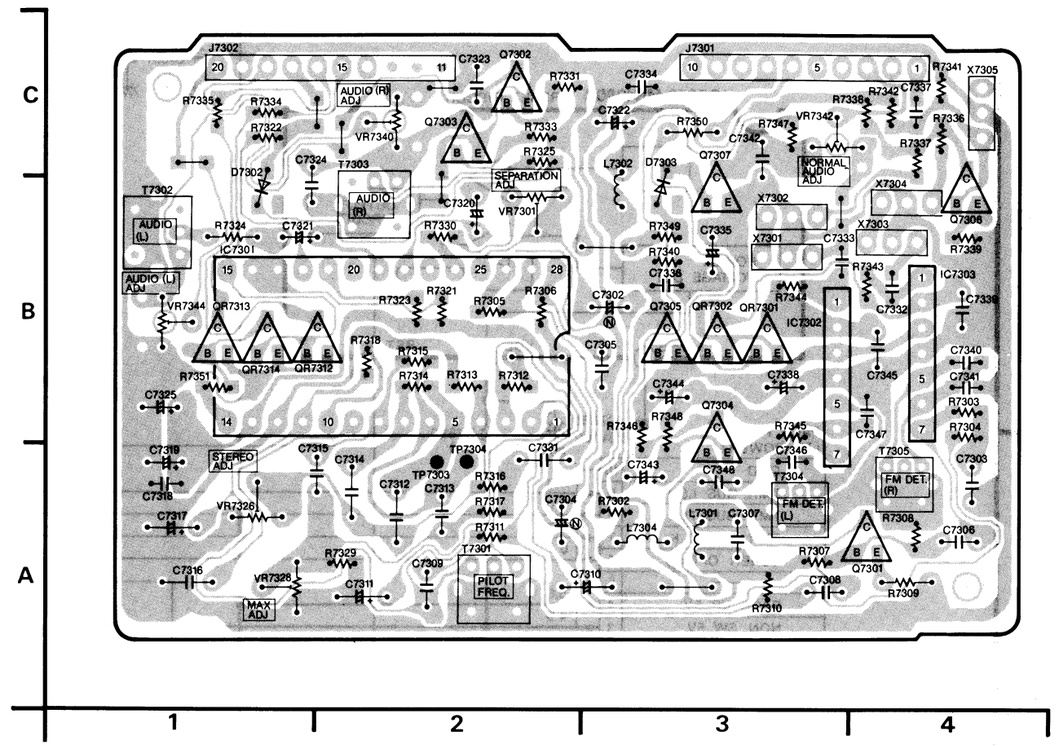
IC7301 (T



3-35. DECODER PACK C.B.A. (VEP07537A)

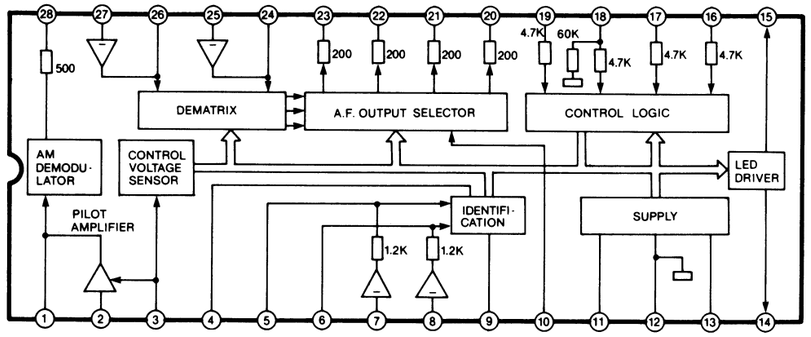


NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.



IC BLOCK

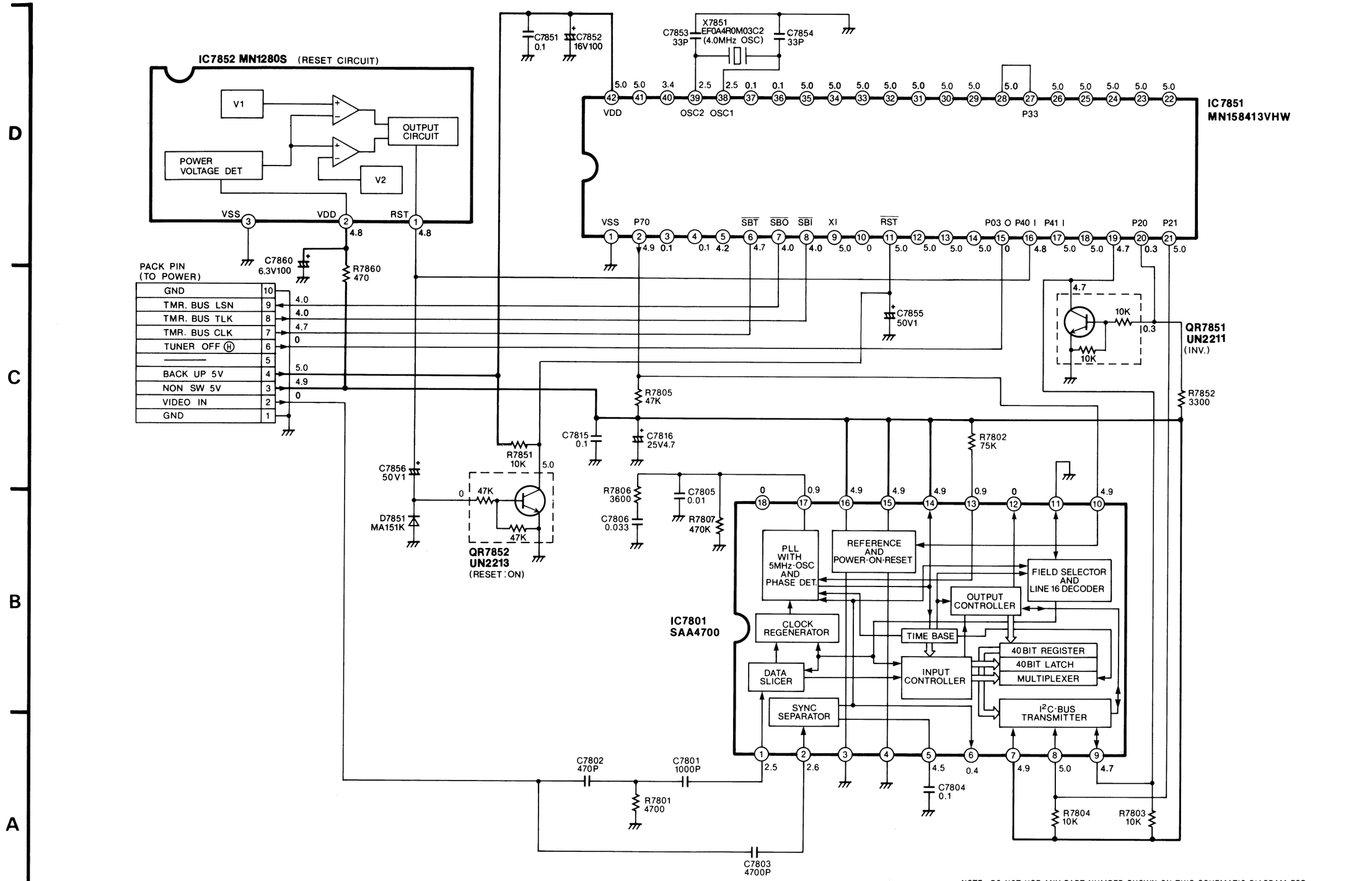
IC7301 (TDA3803A)



DECODER PACK C.B.A.	
Transistor	
Q7301	A-4
Q7302	C-2
Q7303	C-2
Q7304	B-3
Q7305	B-3
Q7306	B-4
Q7307	C-3
Transistor & Resistor	
QR7301	B-3
QR7302	B-3
QR7312	B-1
QR7313	B-1
QR7314	B-1
Integrated Circuit	
IC7301	B-1
IC7302	B-3
IC7303	B-4
Test Point	
TP7303	A-2
TP7304	A-2
Adjustment	
T7301	A-2
T7302	B-1
T7303	C-2
T7304	A-3
T7305	A-4
VR7301	B-2
VR7326	A-1
VR7328	A-1
VR7340	C-2
VR7342	C-3
VR7344	B-1

ADDRESS INFORMATION

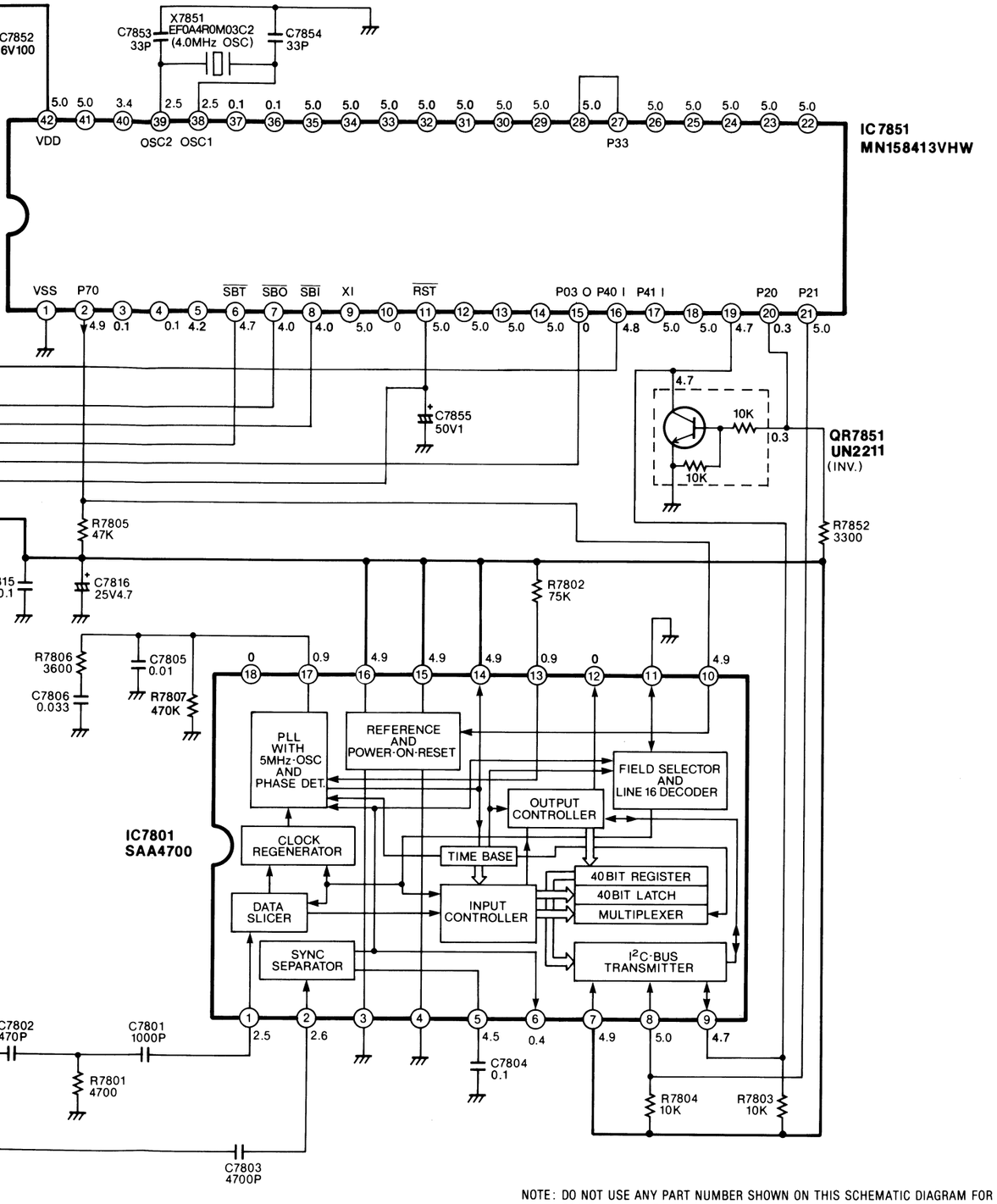
Next Page:
VPS PACK Section



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

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

3-37. VPS PACK C.B.A. (VEP07563A)



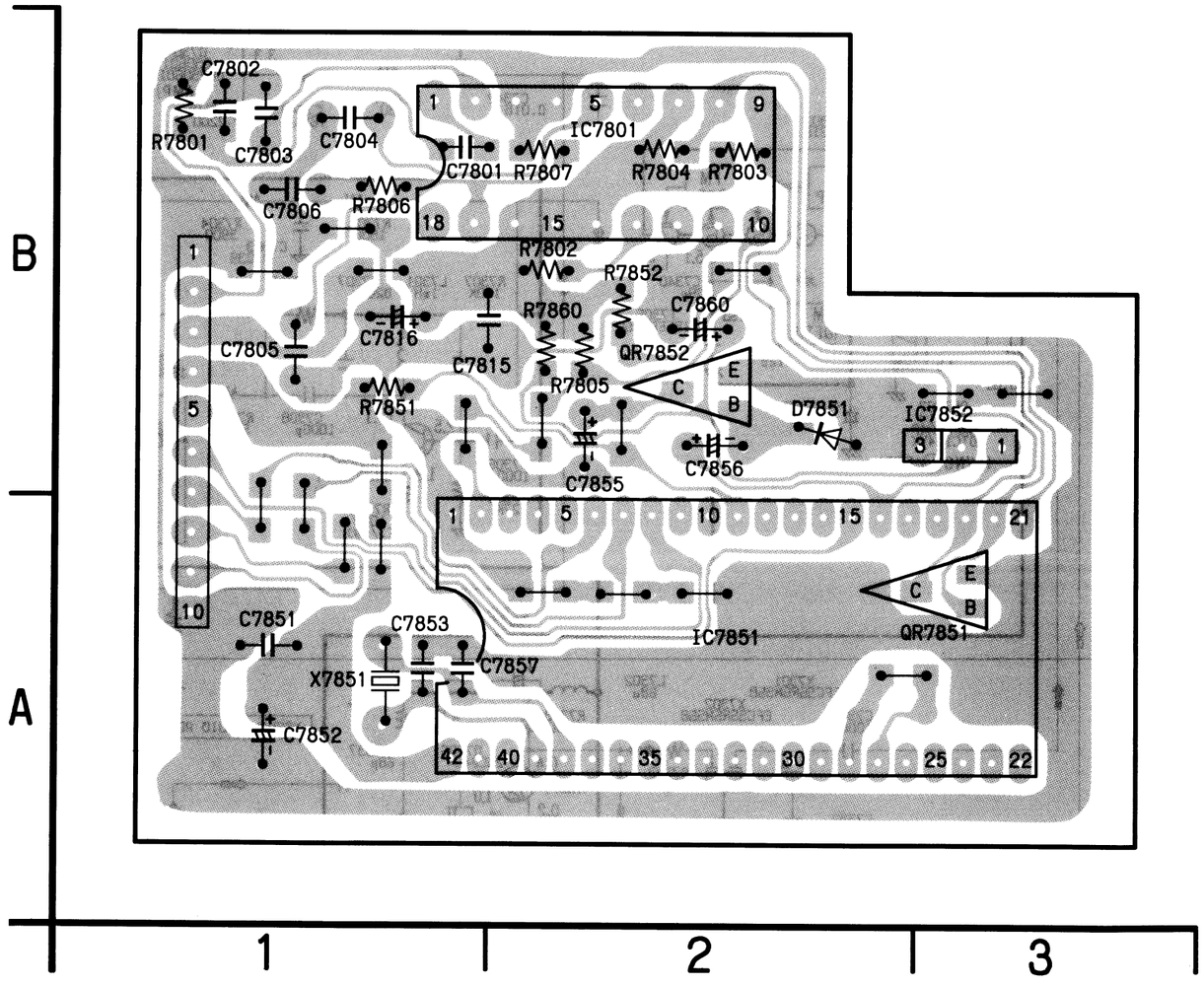
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

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

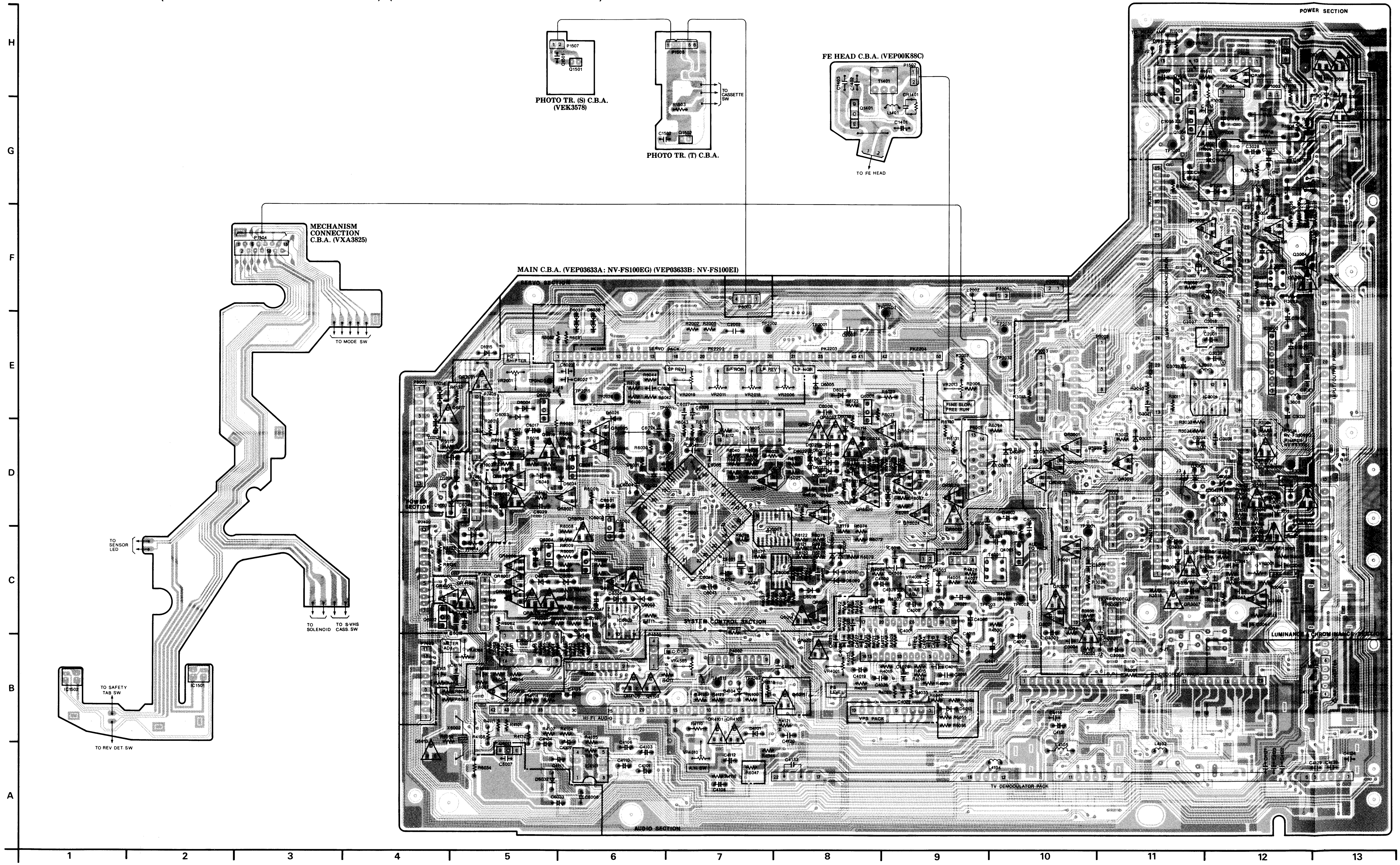
3 4 5 6

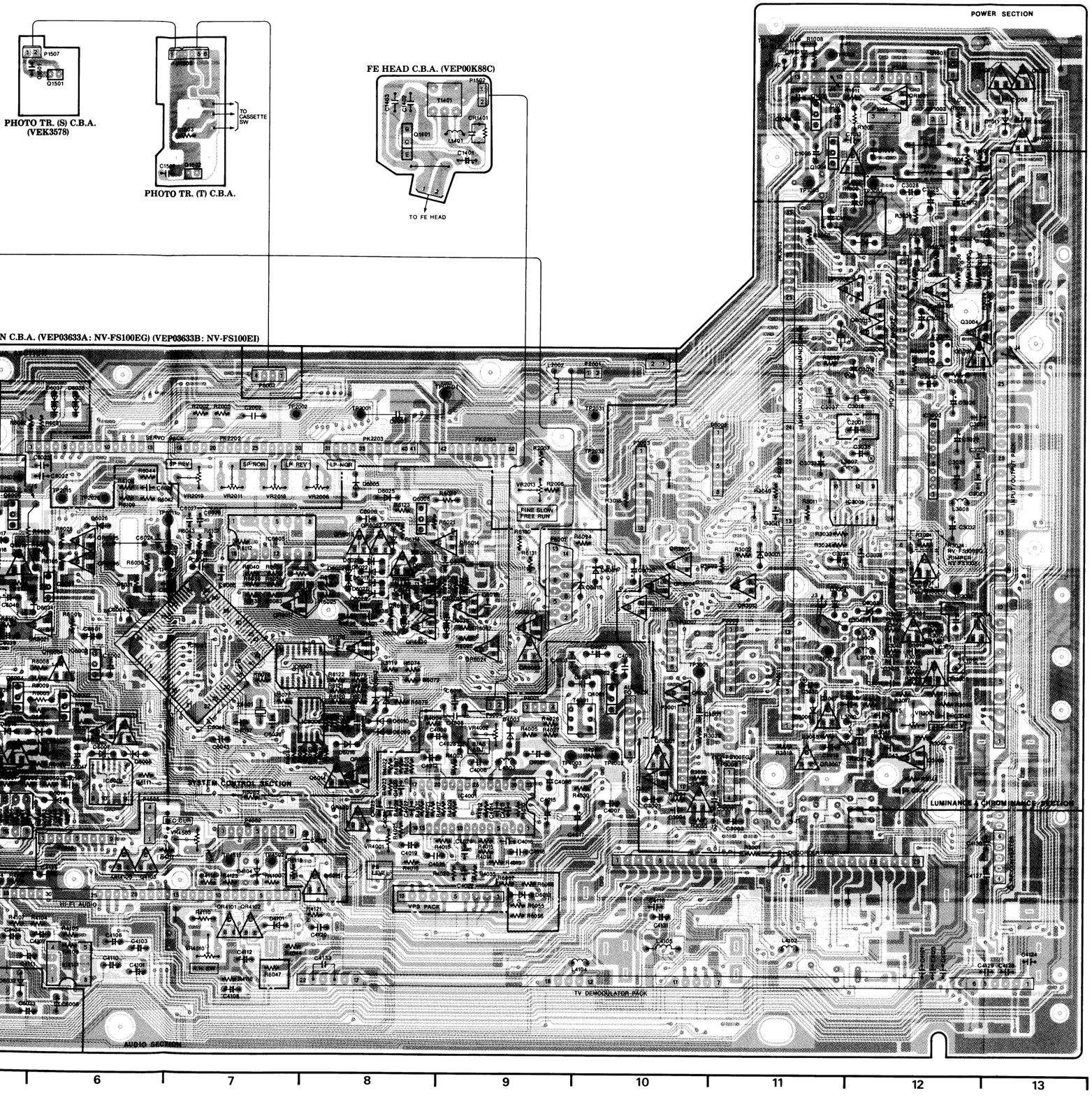
VPS PACK C.B.A.	
Transistor & Resistor	
QR7802 QR7851	B-2 A-3
Integrated Circuit	
IC7801 IC7851 IC7852	B-2 A-2 B-3

ADDRESS INFORMATION



3-38. MAIN C.B.A. (VEP03633A: NV-FS100EG) (VEP03633B: NV-FS100EI)





MAIN C.B.A. ADDRESS INFORMATION

POWER Section	
Transistor	
Q1001	H-12
Q1002	H-13
Q1003	H-13
Q1004	G-11
Q1005	H-11
Transistor & Resistor	
QR1001	H-12
QR1002	G-13
QR1006	G-12
Test Point	
TP1002	H-11
TP1003	G-11
Connector	
P1001	H-12
P1004	H-12
P6003	E-4
P7401	D-5
P7405	E-5
BP1003	H-12

ADDRESS INFORMATION

LUMINANCE & CHROMINANCE Section	
Transistor	
Q3001	C-10
Q3003	F-12
Q3004	F-12
Q3005	F-12
Q3006	C-12
Q3007	C-11
Q3008	D-12
Q3009	B-10
Transistor & Resistor	
QR3001	C-10
QR3002	C-10
QR3003	D-10
QR3004	D-10
QR3005	D-10
QR3006	C-12
QR3007	C-11
QR3008	F-12
QR3009	F-12
QR3011	D-12
QR3012	D-11
QR3013	F-12
QR3014	D-12
Integrated Circuit	
IC3001	E-12
IC3002	E-12
Test Point	
TP3001	C-10
TP3002	D-12
TP3050	D-11
TP3051	G-12
Adjustment	
VR3001	C-12
Connector	
P3001	C-10
P3002	E-11
P3003	E-10
P3005	C-11
P3007	D-10
P3008	D-11
PK3011	C-11
PK3012	E-11
PK3013	G-11
PK3021	D-12
PK3022	F-12

ADDRESS INFORMATION

SYSTEM CONTROL Section	
Transistor	
Q1401	G-8
Q1501	H-6
Q1502	G-7
Q6002	C-6
Q6003	C-6
Q6004	C-5
Q6006	E-5
Q6007	D-6
Q6008	E-8
Q6011	A-5
Q6013	B-4
Q6014	C-8
Q6015	B-8
Q6016	D-5
Q6017	E-5
Q6102	C-4
Transistor & Resistor	
QR6003	C-6
QR6004	D-6
QR6005	D-6
QR6006	D-6
QR6007	C-5
QR6008	C-5
QR6009	C-5
QR6010	C-5
QR6011	C-5
QR6013	D-5
QR6014	D-9
QR6015	D-8
QR6016	D-9
QR6017	D-7
QR6018	B-5
QR6019	D-8
QR6020	C-8
QR6021	D-6
QR6022	D-5
QR6024	D-9
QR6025	D-8
QR6027	E-8
QR6028	C-9
QR6029	D-9
QR6030	D-8
QR6031	D-8
Integrated Circuit	
IC1501	B-2
IC1502	B-1
IC6001	D-7
IC6002	D-6
IC6003	C-6
IC6004	B-5
IC6005	D-7
IC6006	C-8
IC6007	C-8
Test Point	
TP6010	D-7
TP6011	E-7
Connector	
P1502	H-9
P1504	F-3
P1507	H-6
P1508	H-7
P4004	C-9
P6001	D-9
P6002	F-7
P7402	D-4
P7404	C-5

ADDRESS INFORMATION

SERVO Section	
Transistor & Resistor	
QR2001	E-5
Test Point	
TP2001	E-8
TP2002	E-7
TP2015	E-6
TP2026	E-6
TP2031	E-10
TP2032	E-10
TP GND1	F-9
TP GND3	E-5
Adjustment	
VR2001	E-5
VR2006	E-8
VR2011	E-7
VR2013	E-9
VR2018	E-7
VR2019	E-7
Connector	
P2001	F-10
P2002	F-10
PK2201	E-6
PK2202	E-7
PK2203	E-8
PK2204	E-9

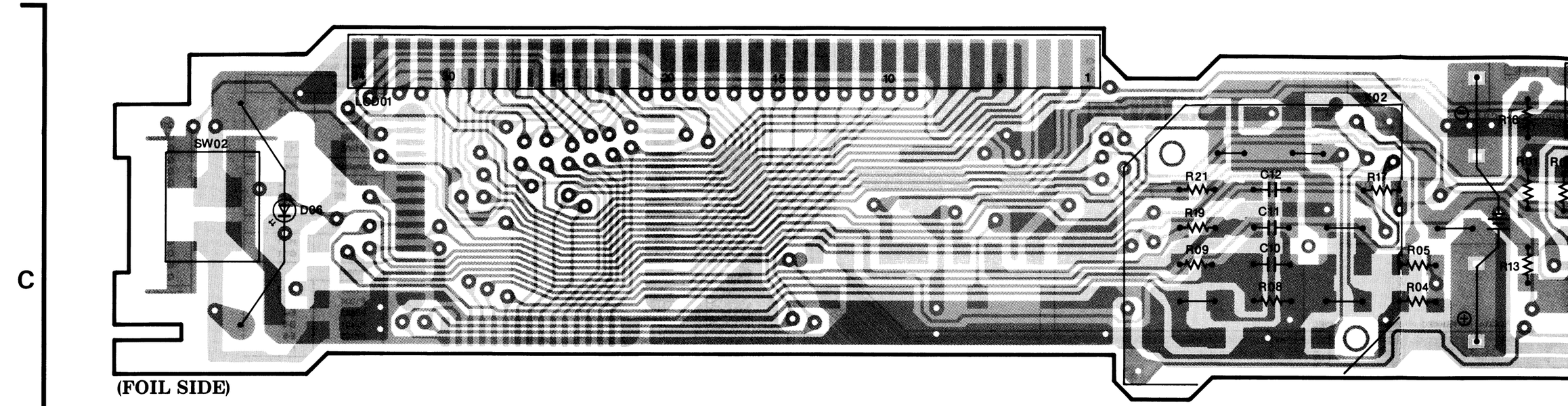
ADDRESS INFORMATION

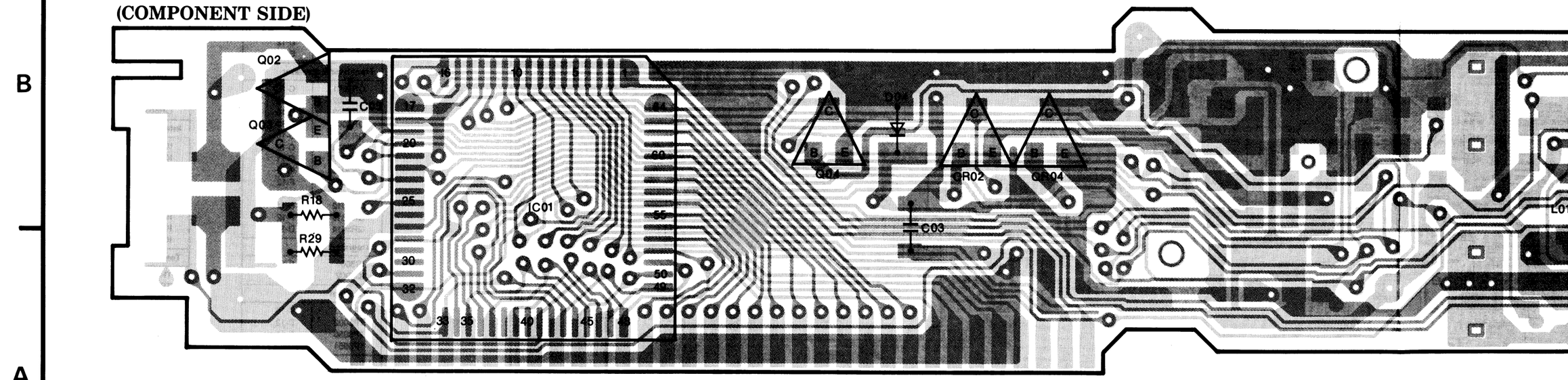
AUDIO Section	
Transistor	
Q4001	C-10
Q4103	B-6
Transistor & Resistor	
QR4001	B-8
QR4101	B-7
QR4102	B-7
QR4103	C-4
QR4104	C-5
QR4105	B-6
Integrated Circuit	
IC4001	C-9
IC4101	A-6
Test Point	
TP4002	C-10
TP4003	C-9
TP4502	B-7
TP4511	B-7
Adjustment	
VR4001	B-8
VR4002	C-9
VR4004	B-5
VR4503	B-7
VR4510	A-7
Connector	
P4001	C-9
P4002	B-7
P4003	B-6
P4005	B-6
P7403	B-4

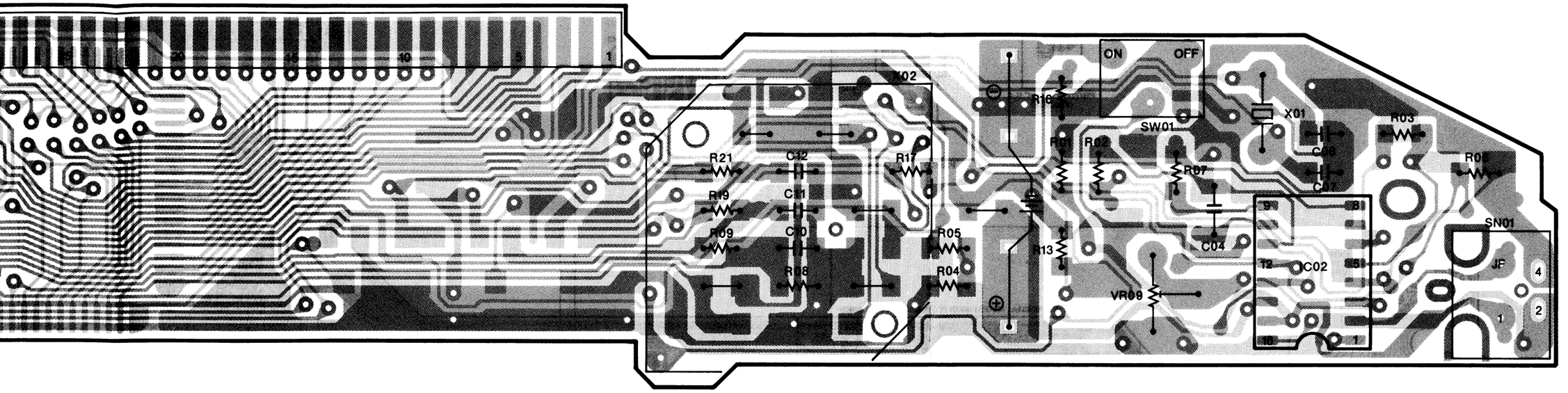
ADDRESS INFORMATION

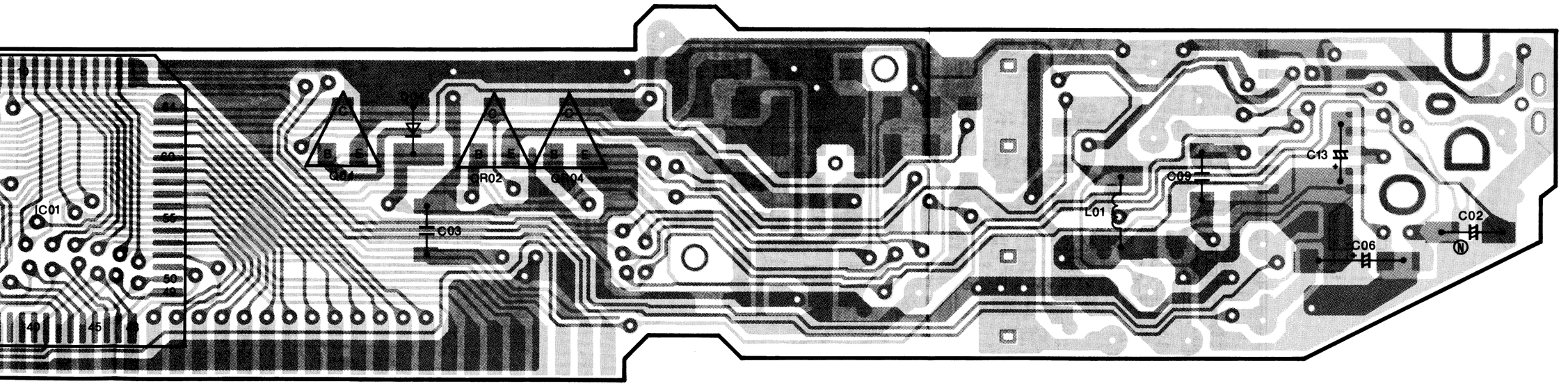
Next Page:
DIGITAL SCANNER Section

3-39. DIGITAL SCANNER C.B.A. (VEP66077C)





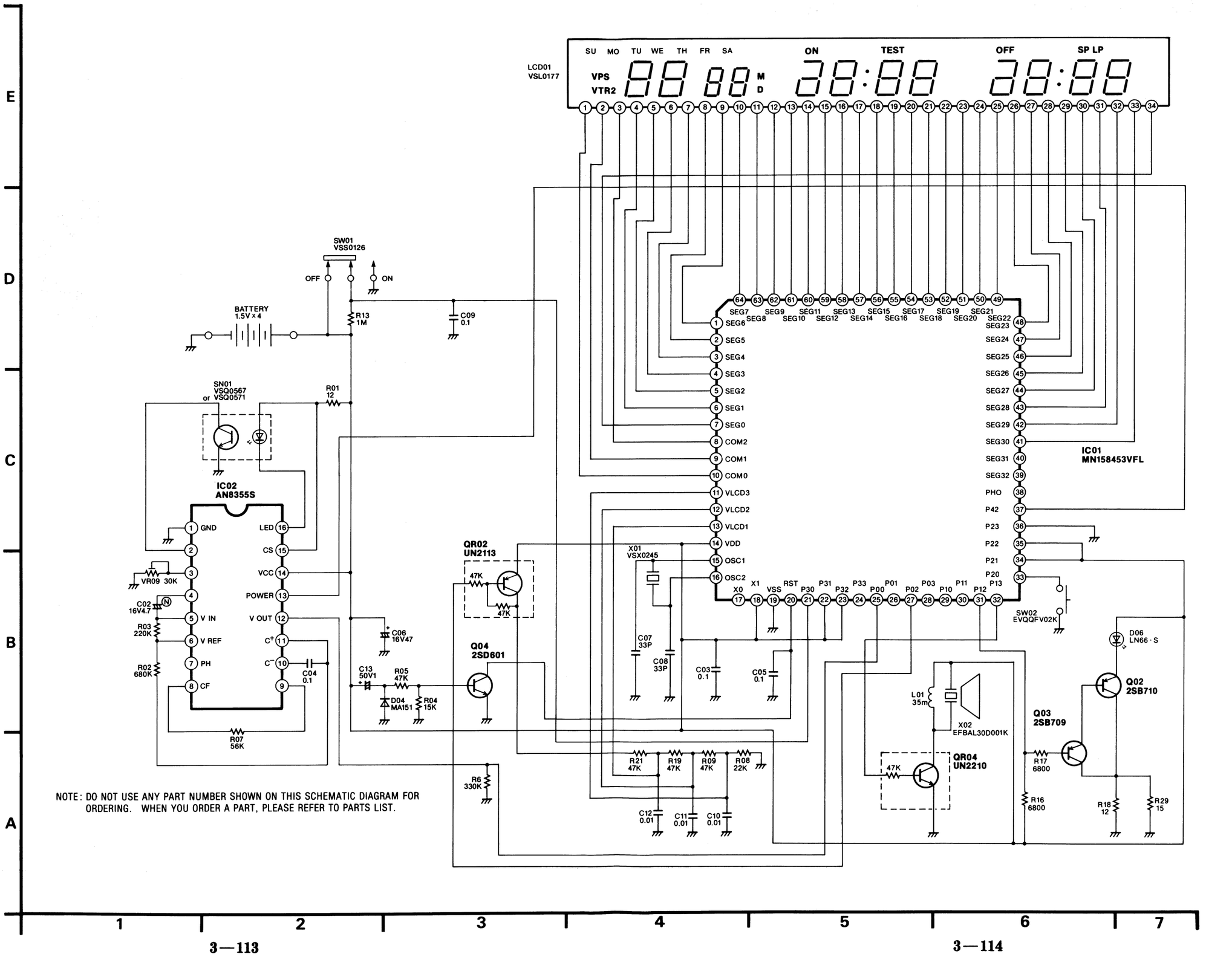




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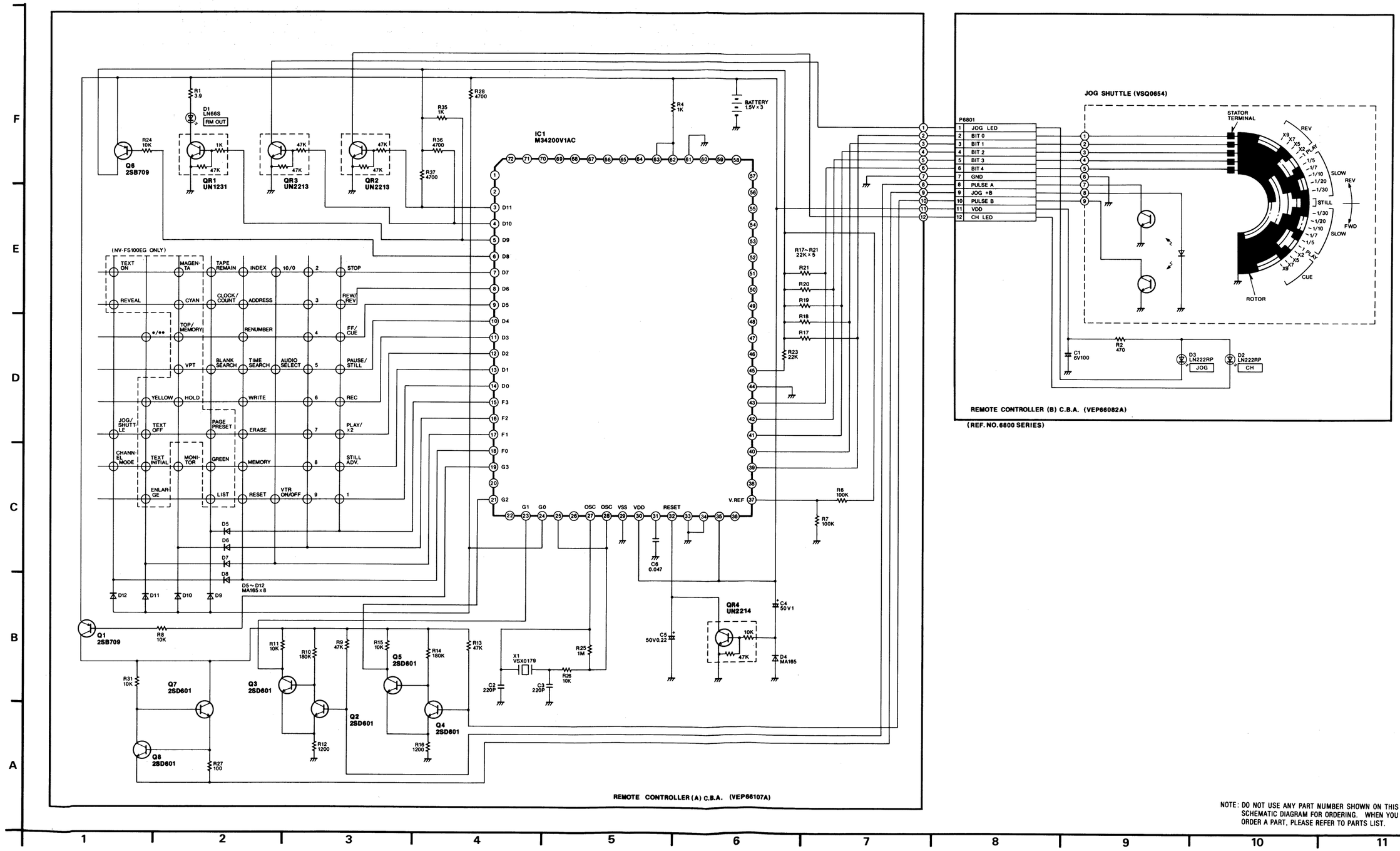
3—111 3—112

3-40. DIGITAL SCANNER SCHEMATIC DIAGRAM — UNIT NO.: VEQ0996 —



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

3-41. REMOTE CONTROLLER SCHEMATIC DIAGRAM
— UNIT NO.: VEQ0993 (NV-FS100EG), VEQ1014 (NV-FS100EI) —



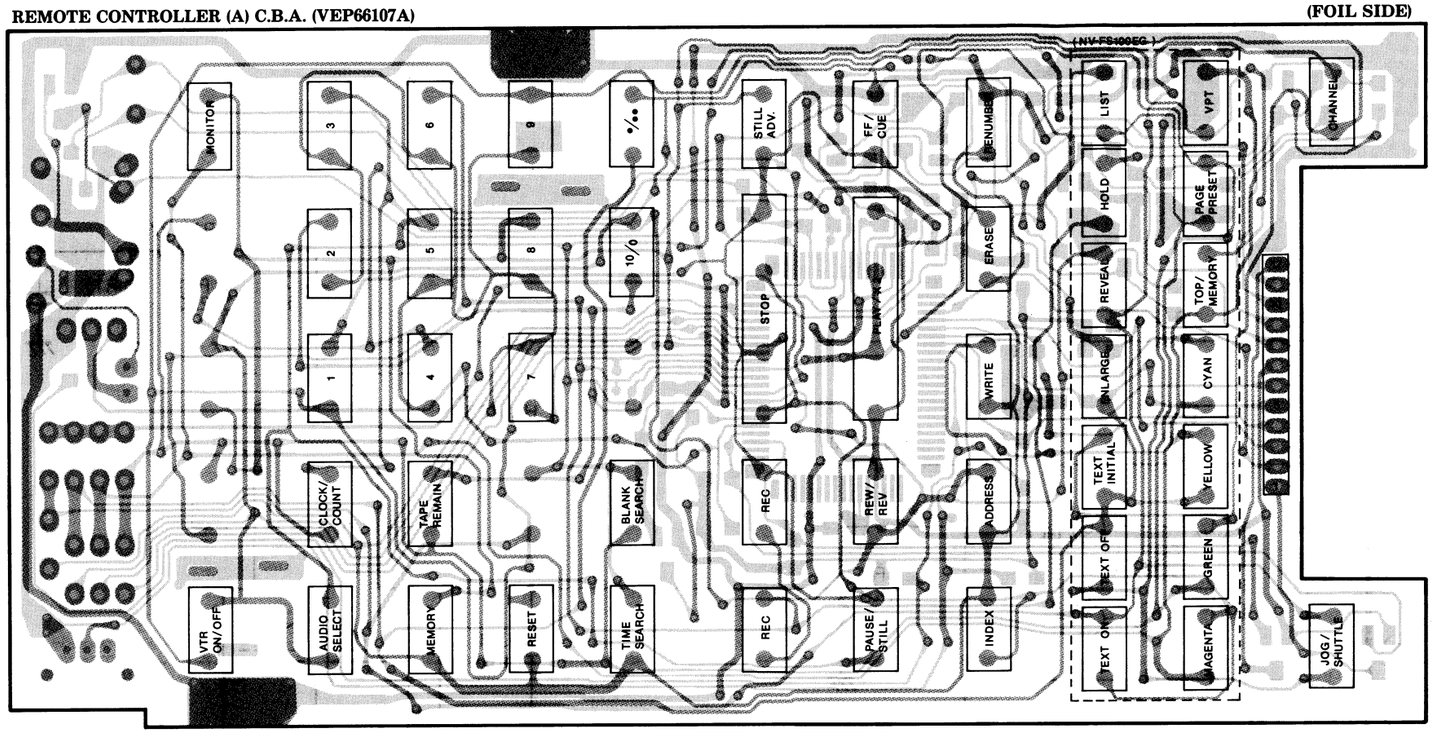
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

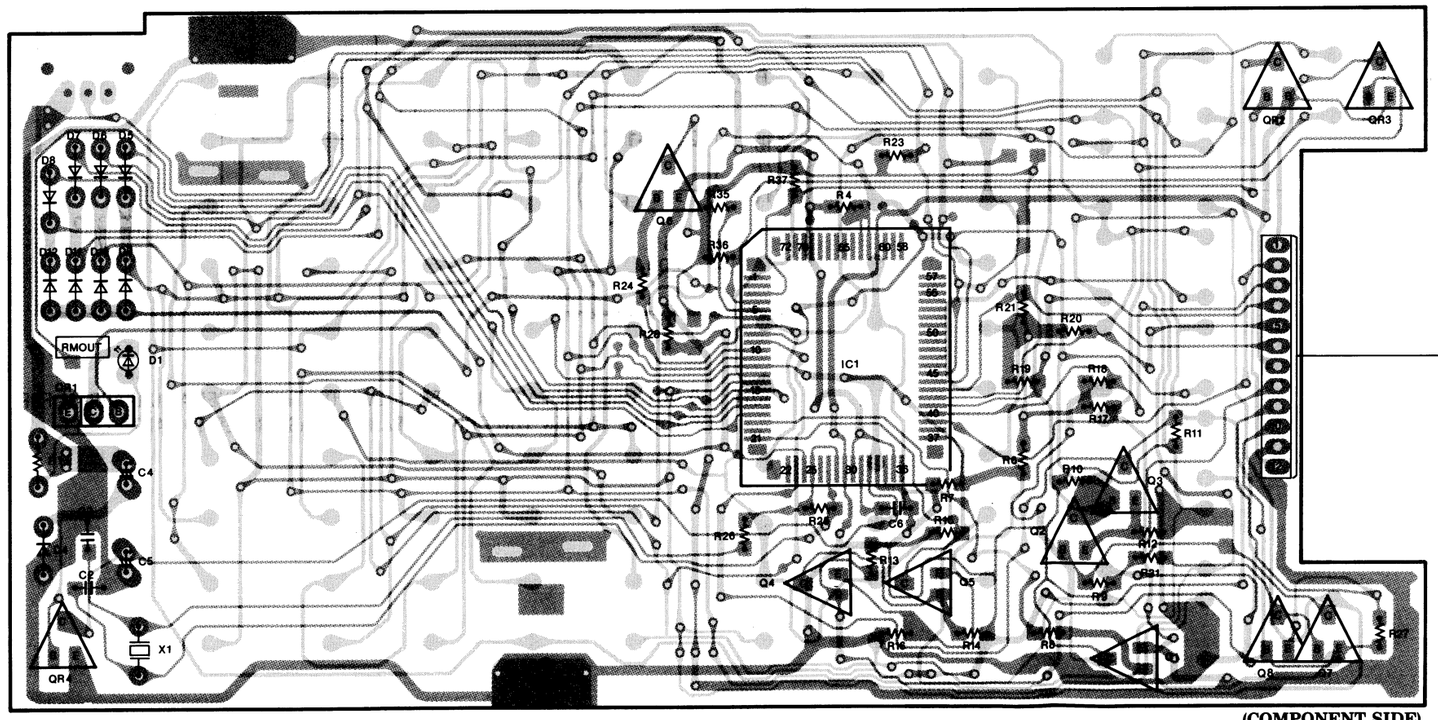
Back Page:
DIGITAL SCANNER Section

3-42. REMOTE CONTROLLER (A) C.B.A. (VEP66107A) & REMOTE CONTROLLER (B) C.B.A. (VEP66082A)

REMOTE CONTROLLER (A) C.B.A. (VEP66107A)

(FOIL SIDE)

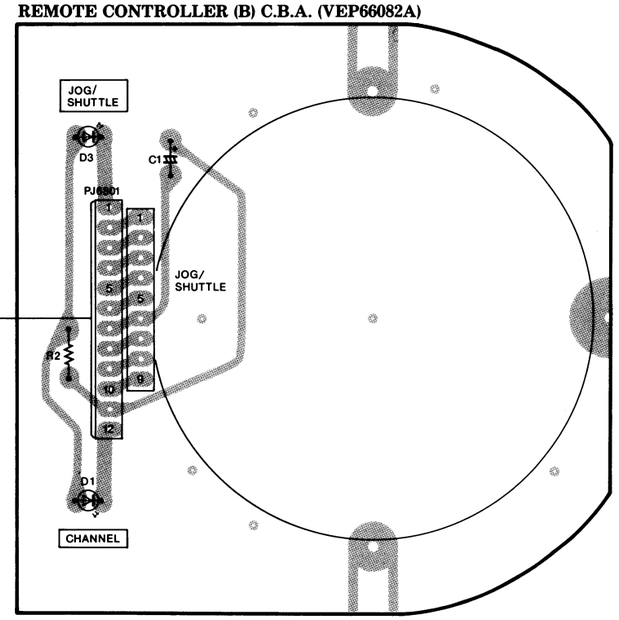




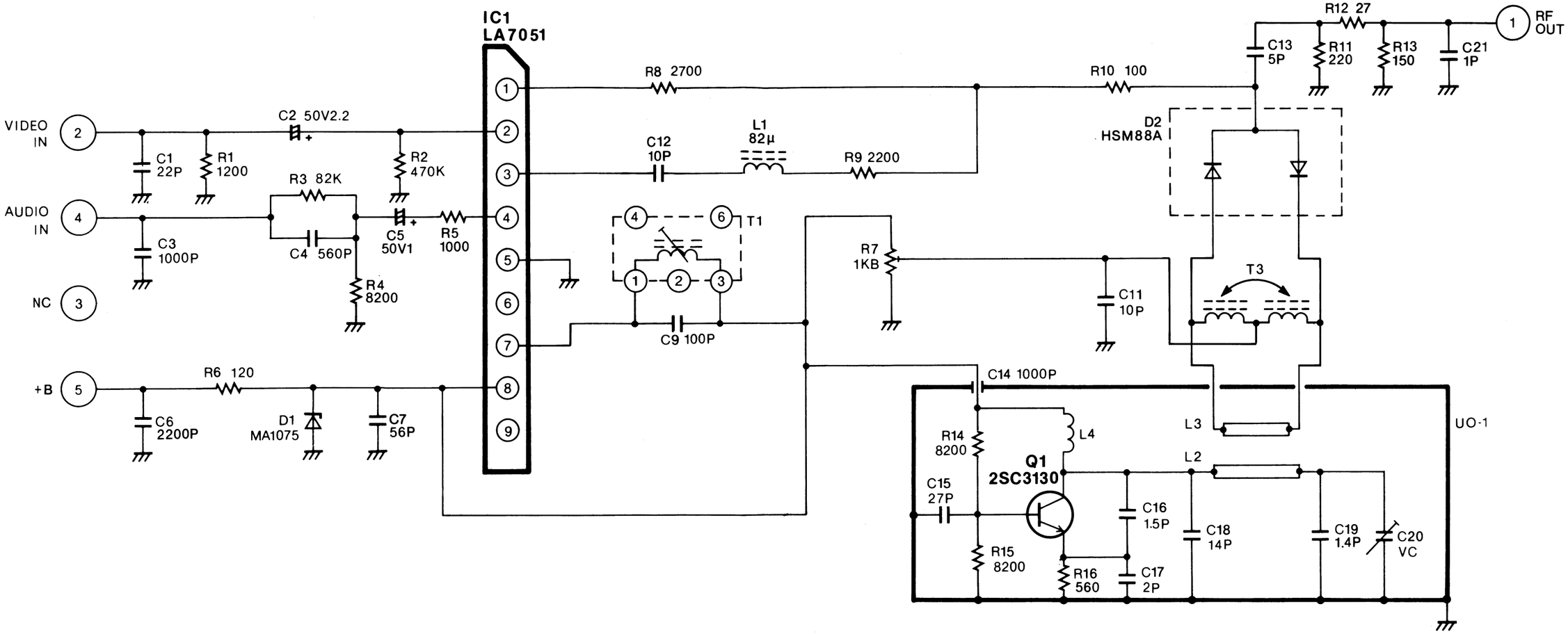
(REF. NO. 6800 SERIES)

(COMPONENT SIDE)

REMOTE CONTROLLER (B) C.B.A. (VEP66082A)



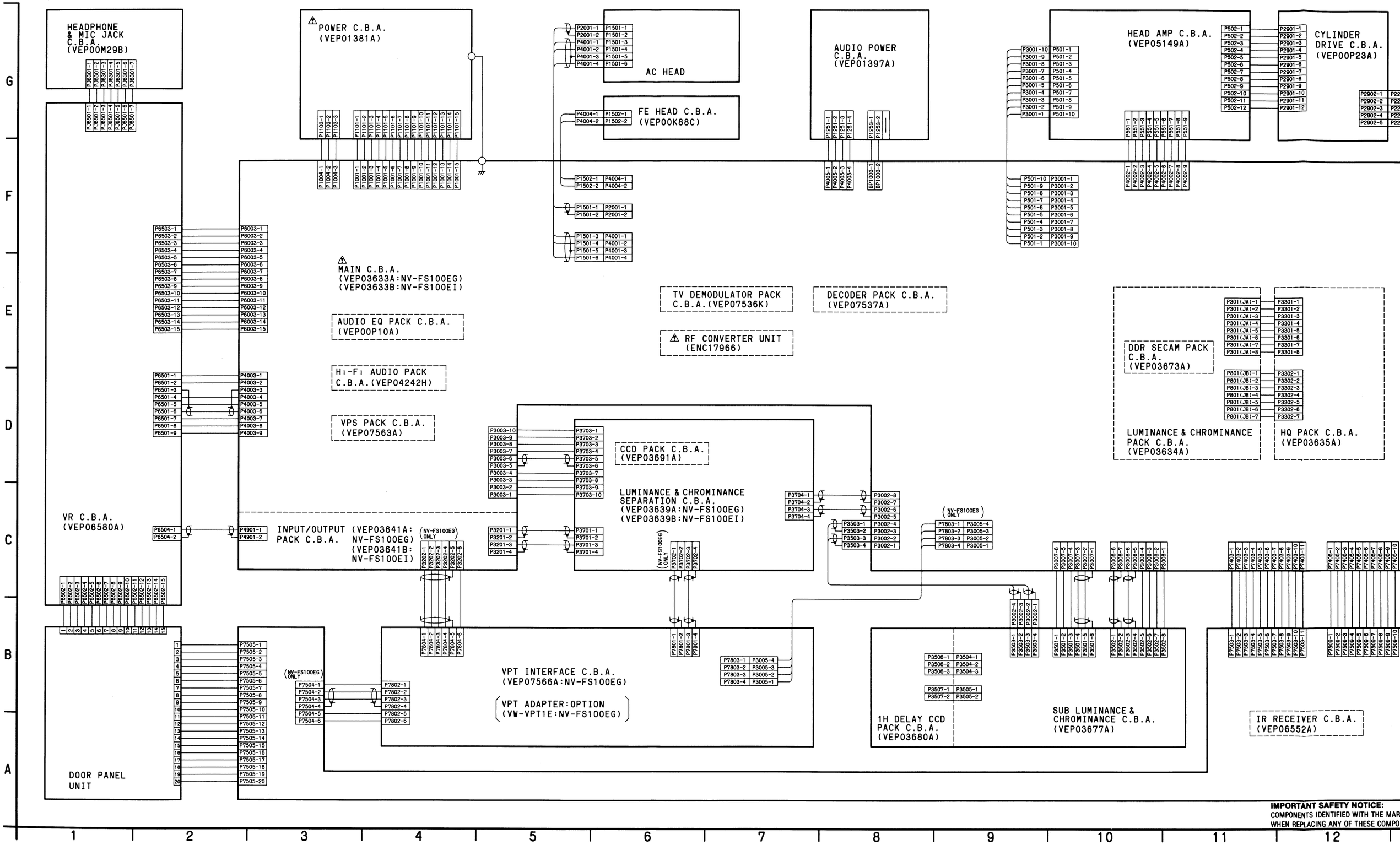
3-43. RF CONVERTER SCHEMATIC DIAGRAM (ENC17966)

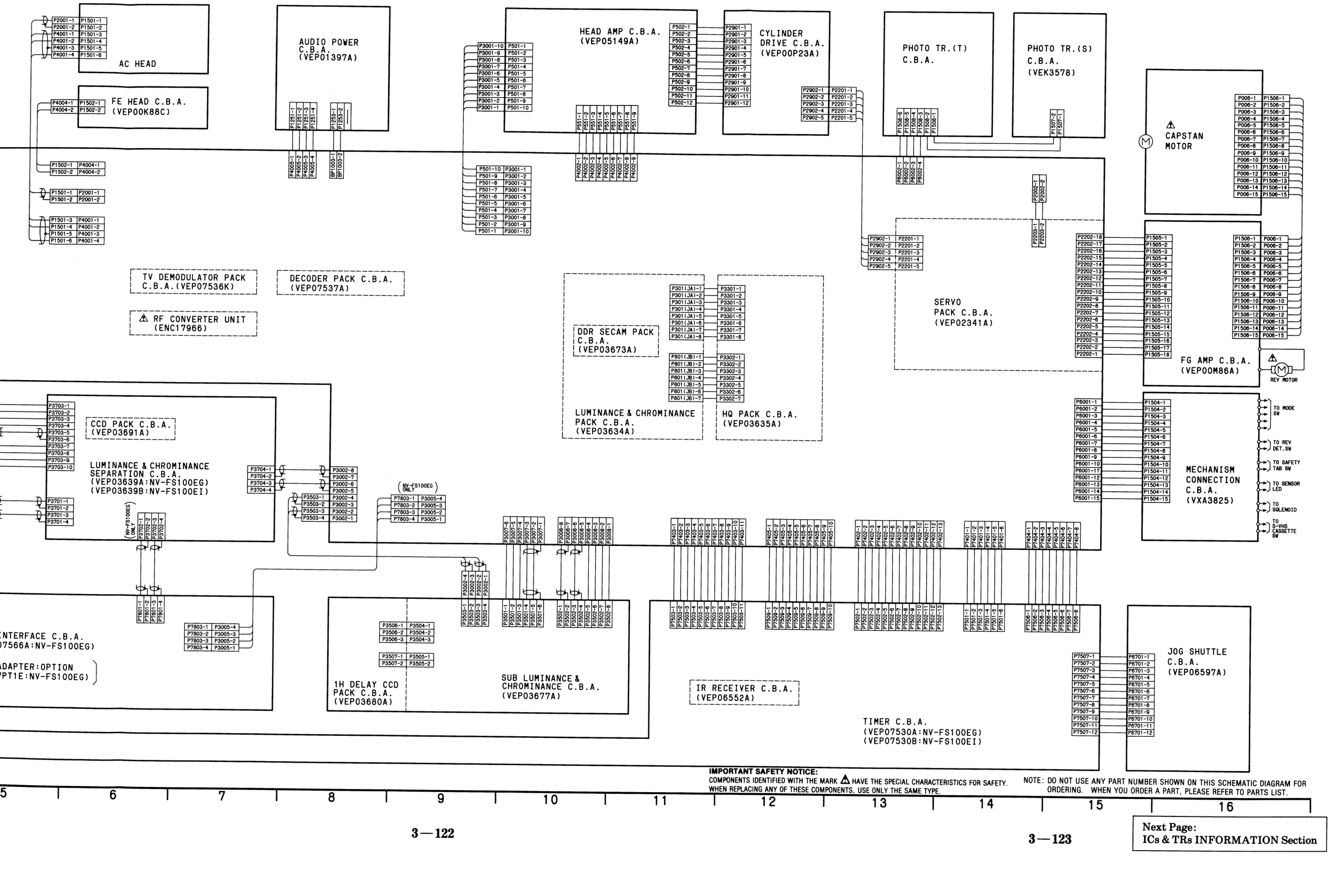


NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

Back Page:
REMOTE CONTROLLER Section

3-44. INTERCONNECTION SCHEMATIC DIAGRAM



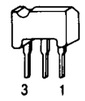


IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

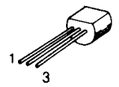
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

Next Page:
ICs & TRs INFORMATION Section

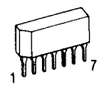
3-45. ICs & TRs INFORMATION



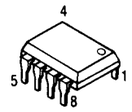
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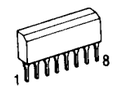
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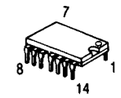
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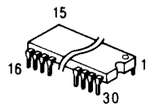
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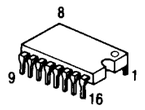
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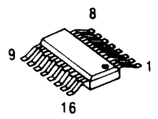
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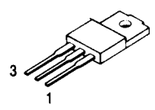
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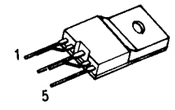
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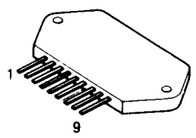
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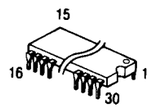
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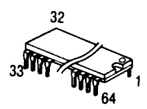
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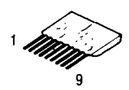
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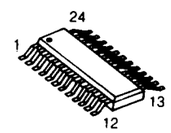
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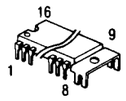
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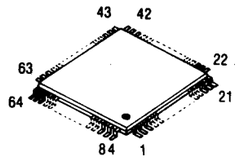
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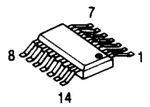
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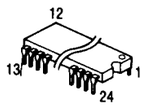
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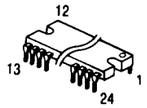
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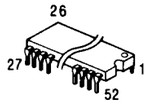
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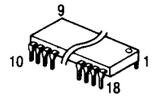
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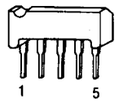
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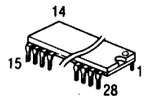
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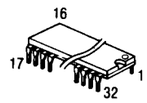
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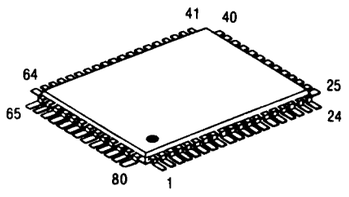
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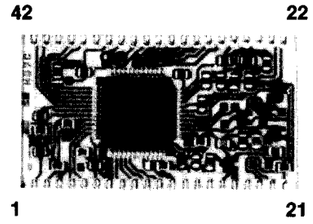
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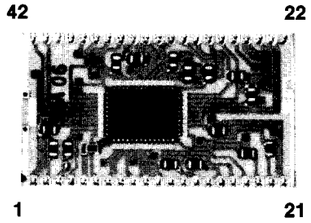
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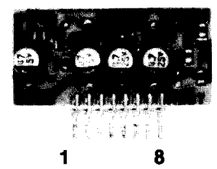
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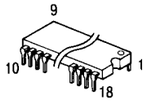
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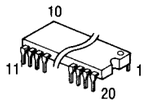
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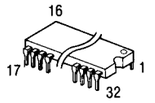
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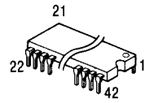
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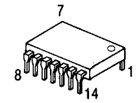
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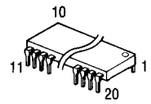
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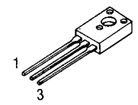
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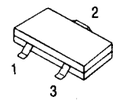
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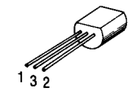
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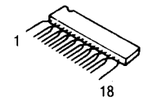
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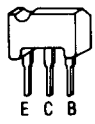
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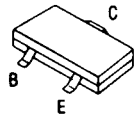
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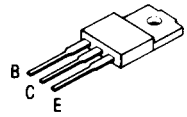
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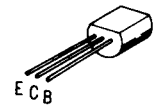
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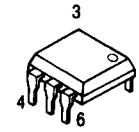
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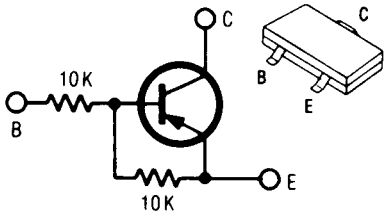
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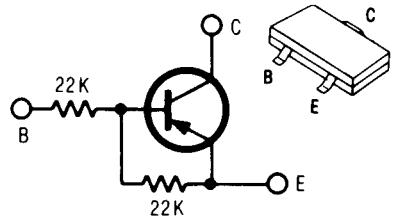
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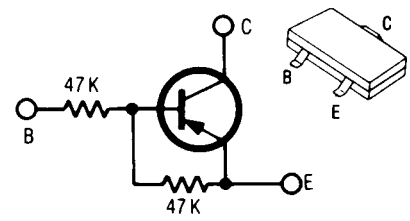
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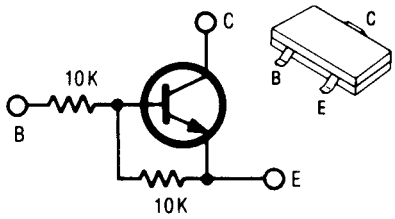
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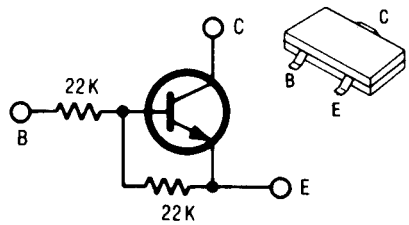
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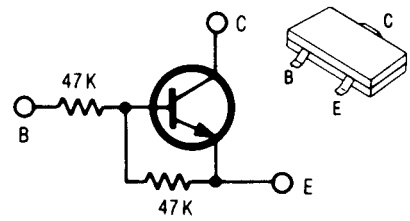
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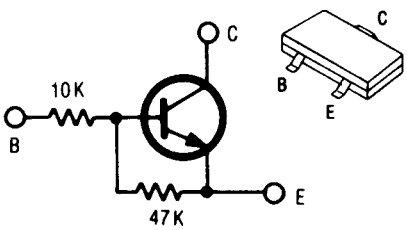
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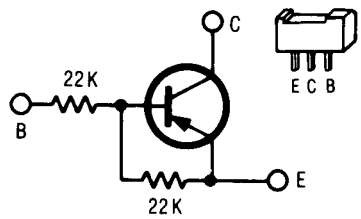
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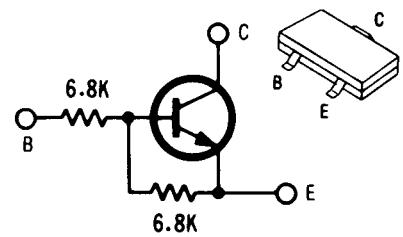
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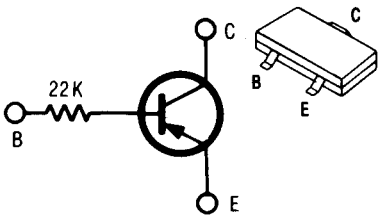
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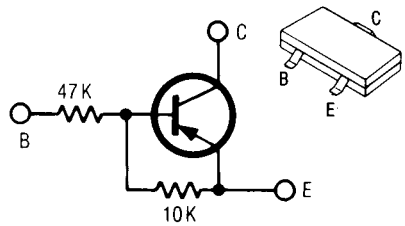
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DTA124EA



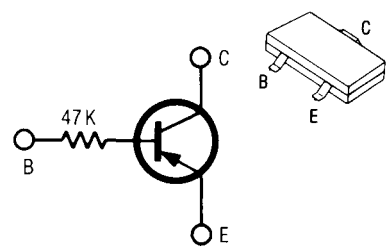
DTC363EK



UN2117
DTA124TK
FN1F4Z



UN211D

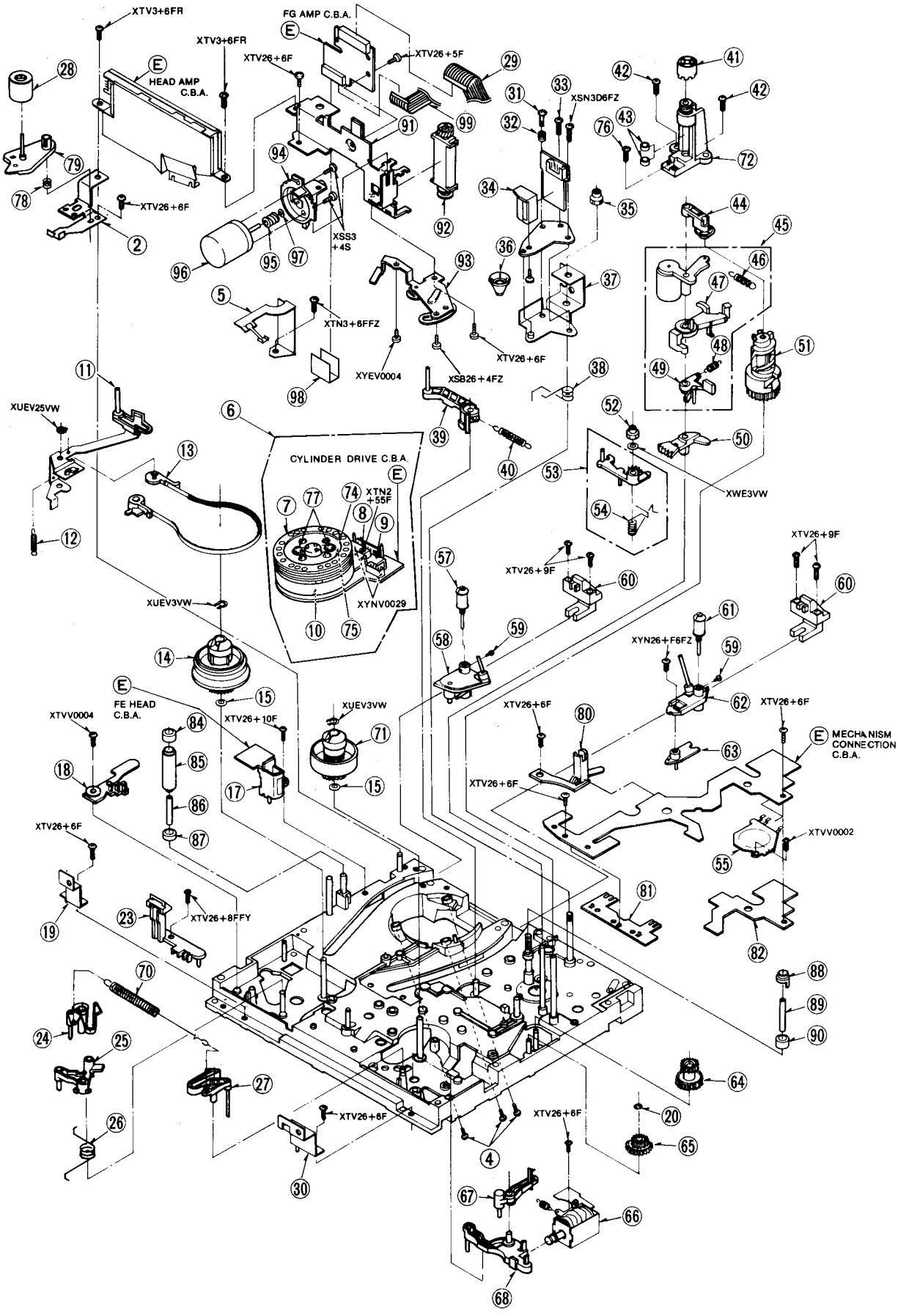


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DTA144TK

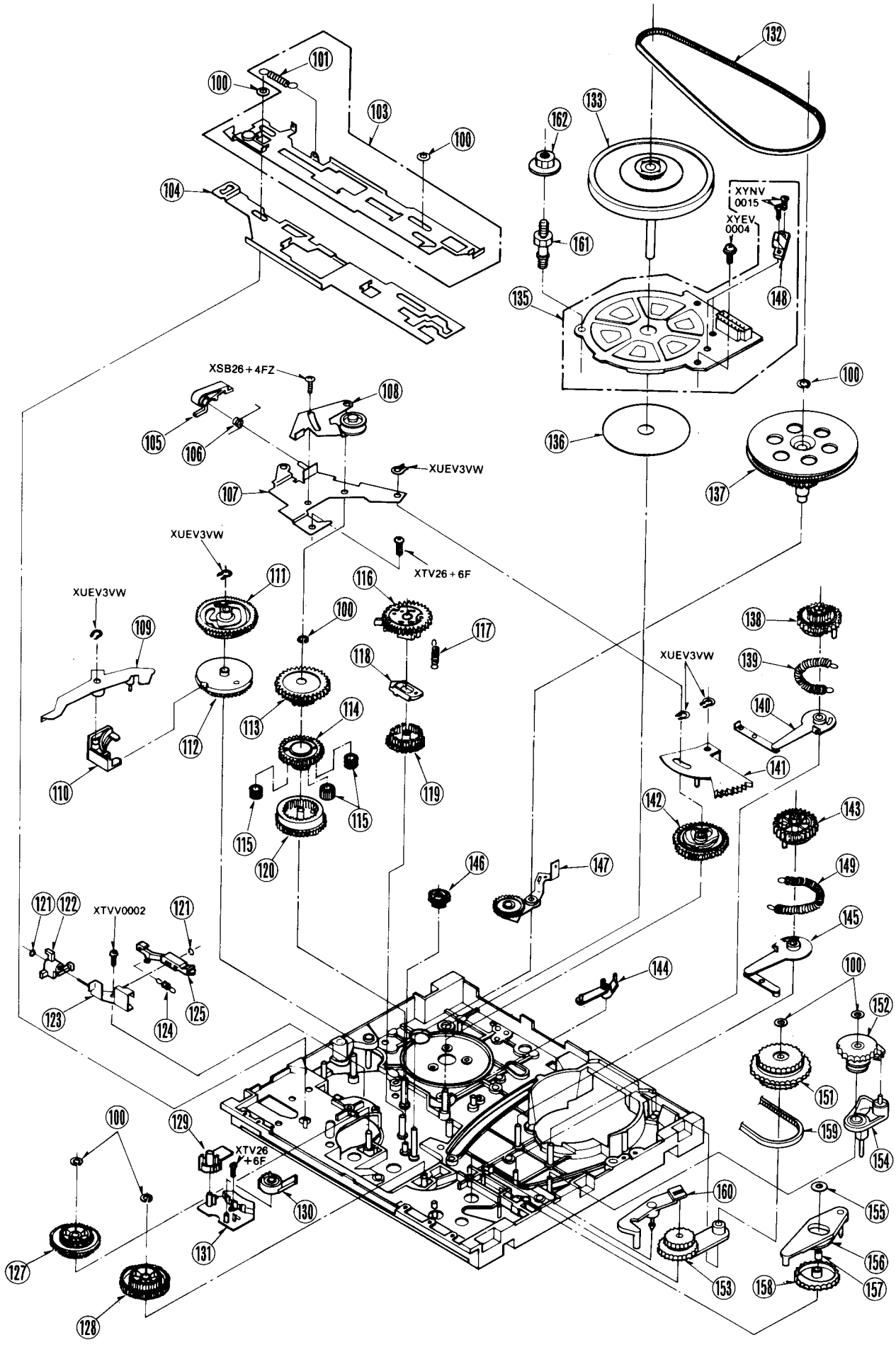
SECTION 4
EXPLODED VIEWS & PARTS LIST

4-1. EXPLODED VIEW

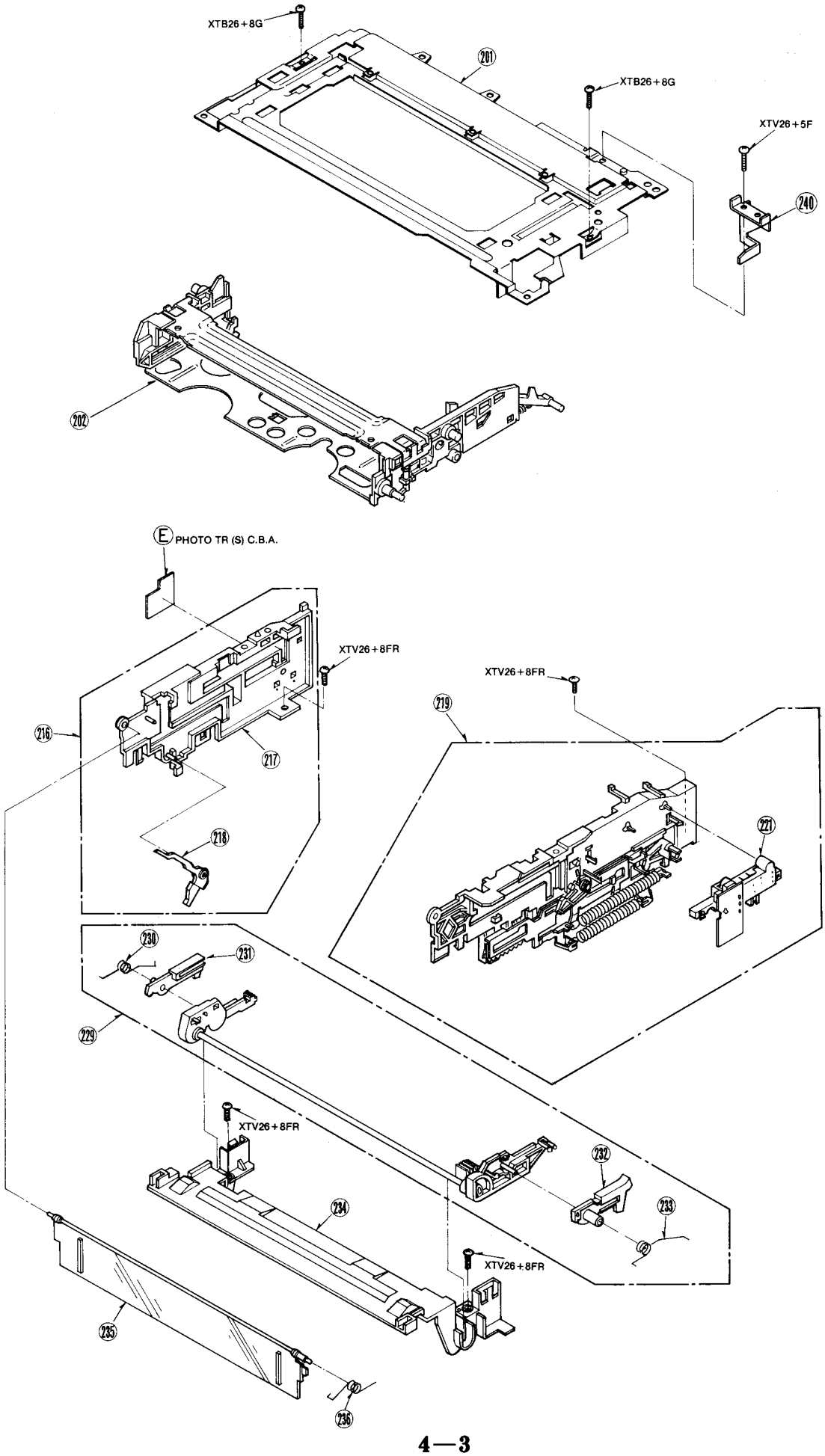
❶ CHASSIS PARTS SECTION (1)



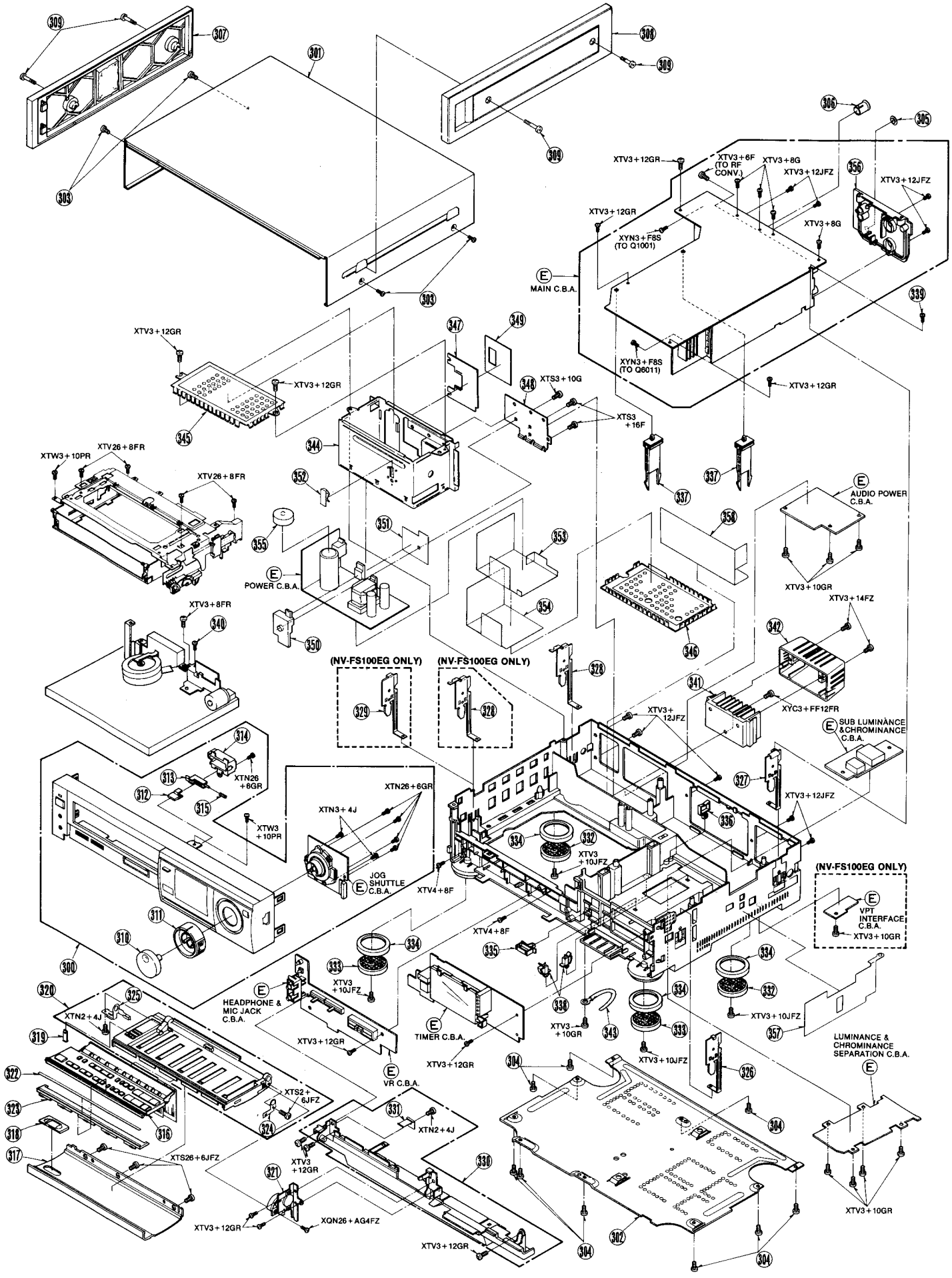
❷ CHASSIS PARTS SECTION (2)



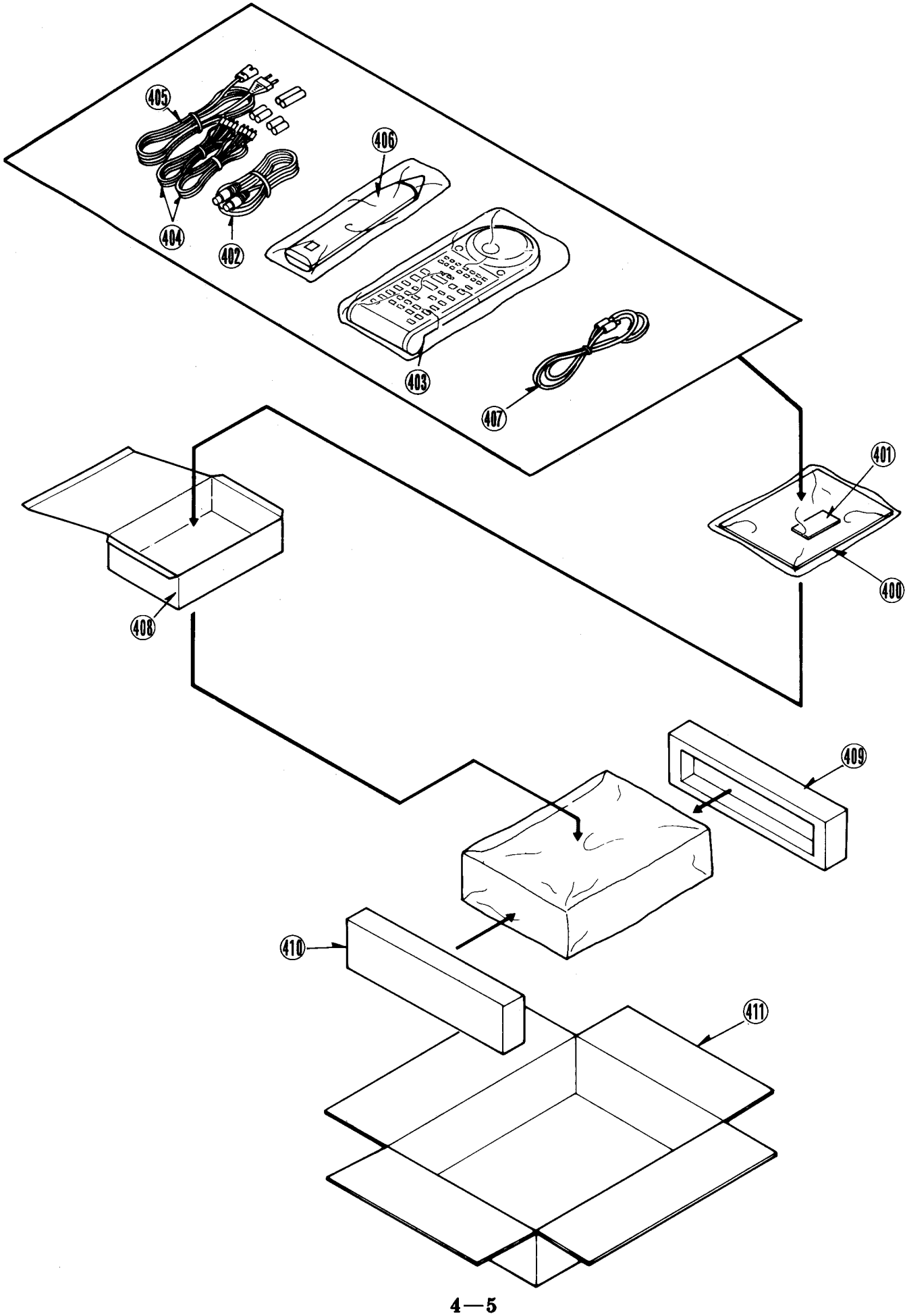
❸ CASSETTE UP MECHANISM SECTION



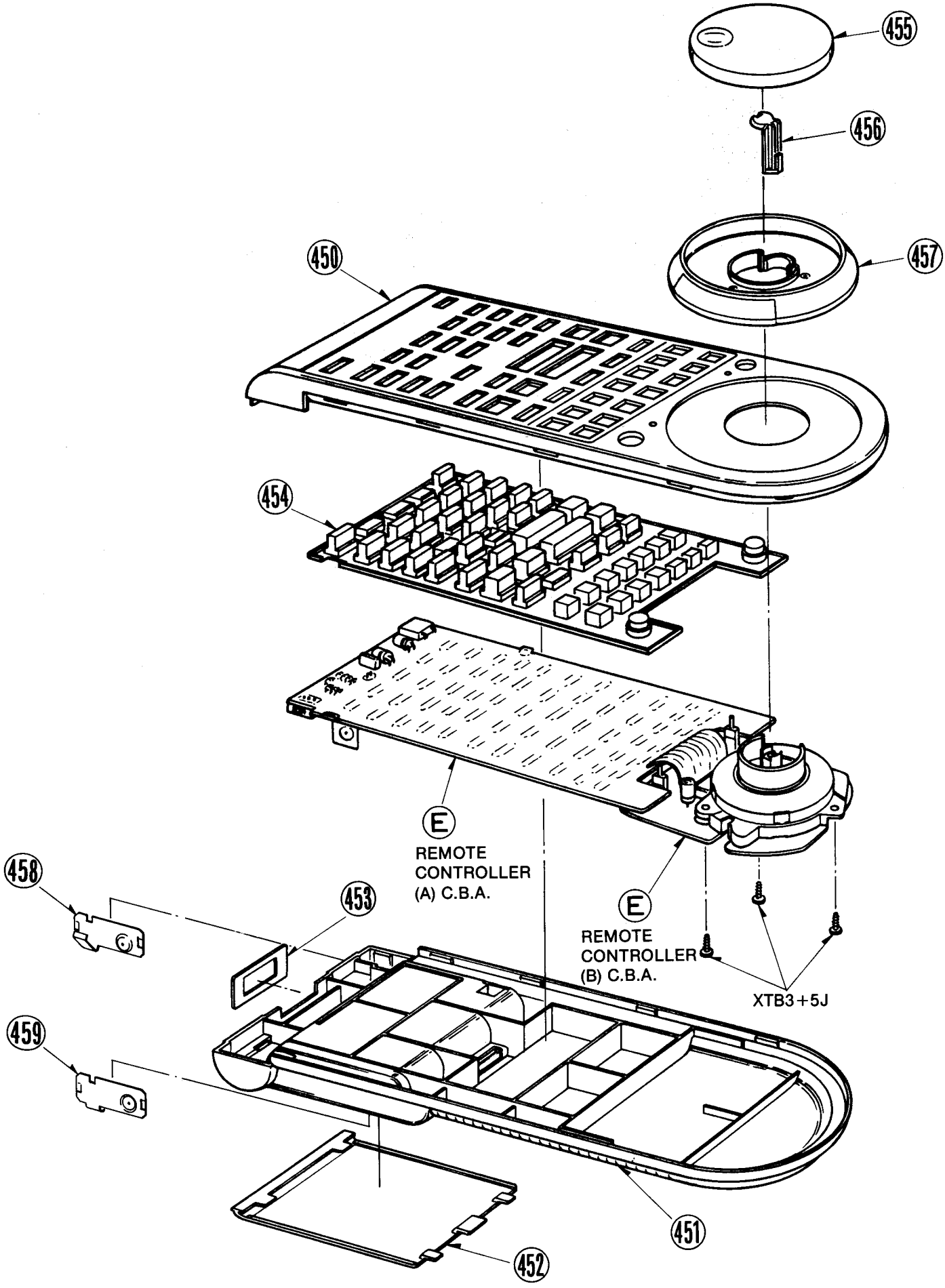
❹ CASING PARTS SECTION



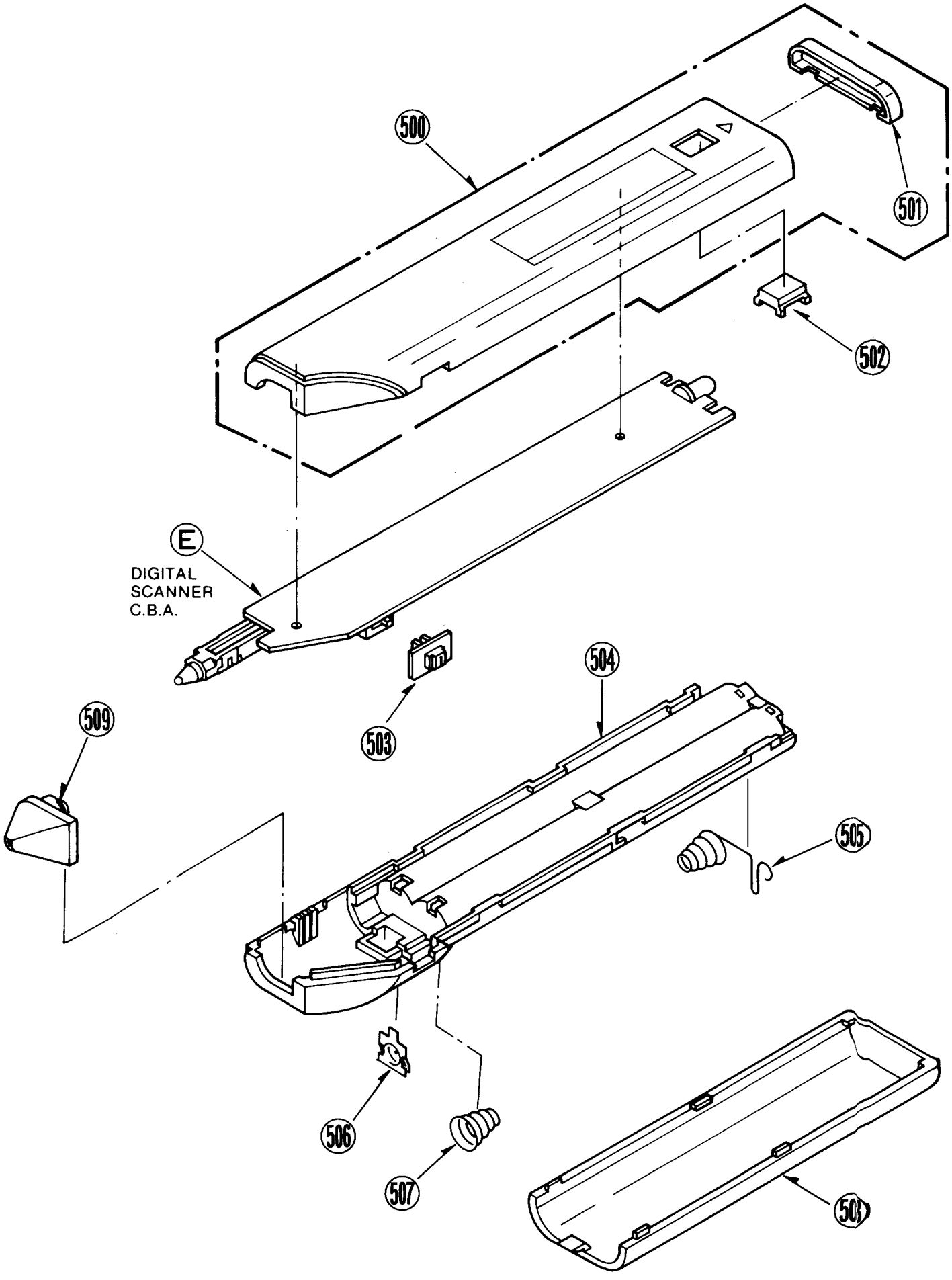
❺ PACKING PARTS SECTION



❻ REMOTE CONTROLLER UNIT



❼ DIGITAL SCANNER UNIT



4-2. MECHANICAL 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 <!> have the special characteristics for safety. When replacing any of these components,use only the same type.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
1(1)		VHD0418	HEAD AMP SET SCREW	2	
2(1)		VMA7174	HEAD AMP MOUNT ANGLE	1	
4(1)		VHD0342	CYLINDER SCREW	3	
5(1)		VXA2702	EARTH PLATE UNIT	1	
6(1)		VEG0736	CYLINDER UNIT	1	<!>
7(1)		VEH0454	UPPER CYLINDER UNIT	1	
8(1)		VRH0016	HEATER	1	
9(1)		VMA8089	MAIN HOLDER	1	
10(1)		VSC2188	CYLINDER C.B.A.SHIELD PLATE	1	
11(1)		VXL1855	TENSION ARM (1) UNIT	1	
12(1)		VMB1563	TENSION SPRING	1	
13(1)		VXZ0267	TENSION BAND UNIT	1	
14(1)		VXR0179	SUPPLY REEL TABLE UNIT	1	
15(1)		VMX1171	REEL WASHER (0.5mm)	2	
15(1)		VMX1239	REEL WASHER (0.3mm)	2	
15(1)		VMX1238	REEL WASHER (0.2mm)	2	
17(1)		VBS0038	FE HEAD	1	
18(1)		VMD1316	TENSION SPRING HOOK	1	
19(1)		VMA6895	MOUNT ANGLE (L)	1	
20(1)		VMX1079	CUT WASHER	1	
23(1)		VES0486	SAFETY SW	1	
24(1)		VXZ0259	SUPPLY MAIN BRAKE UNIT	1	
25(1)		VXZ0274	SUPPLY SOFT BRAKE(1)UNIT	1	
26(1)		VMB1564	SUPPLY SOFT BRAKE SPRING	1	
27(1)		VXZ0262	TAKE UP MAIN BRAKE UNIT	1	
28(1)		VXP1092	IMPEDANCE ROLLER UNIT	1	
29(1)		VWJ0358	FLEXIBLE CABLE(18P)	1	
30(1)		VMA6896	MOUNT ANGLE (R)	1	
31(1)		VHD0322	ADJUST SCREW	1	
32(1)		VMB1251	ADJUST SPRING	1	
33(1)		VHD0089B	AZIMUTH ADJUST SCREW	1	
34(1)		VBR0132	A/C HEAD	1	
35(1)		VHN0063	M4 NYLON NUT	1	
36(1)		VHN0110	ADJUST NUT	1	
37(1)		VMA7831	HEAD BASE	1	
38(1)		VMB1567	A/C HEAD SPRING	1	
39(1)		VXL1857	SUB LOADING ARM (1) UNIT	1	
40(1)		VMB1566	SUB POST SPRING	1	
41(1)		VXQ0006	THRUST SCREW UNIT	1	
42(1)		VHD0317	HOUSING SCREW	2	
43(1)		VMX1033	OIL SEAL	2	
44(1)		VMX1353	PINCH CAM CAP	1	
45(1)		VXL1858	PRESSURE ROLLER UNIT	1	
46(1)		VMB1941	PIN PRESSURE SPRING	1	
47(1)		VML2232	PINCH PRESSURE ARM	1	
48(1)		VMB1569	PINCH PRESSURE ARM RELEASE	1	
			SPRING		
49(1)		VML1874	PINCH LIFT ARM	1	
50(1)		VDG0597	P5 PULL OUT SECTOR GEAR	1	
51(1)		VDG0421	PINCH CAM	1	
52(1)		VHN0023	M3 NYLON NUT	1	
53(1)		VXL1485	P5 UNIT	1	
54(1)		VMB1554	P5 SPRING	1	
55(1)		VSS0175	MODE SW	1	
57(1)		VXP1093	ROLLER POST UNIT	1	
58(1)		VXA2729	INCLIND BASE (S)(1)UNIT	1	
59(1)		VHD0133	ROLLER POST SCREW	2	
60(1)		VMD0910	POST STOPPER	2	
61(1)		VXP1094	ROLLER POST UNIT	1	
62(1)		VXA3213	INCLIND BASE(T)(1)UNIT	1	
63(1)		VXA2687	INCLIND ADJUST PLATE UNIT	1	
64(1)		VDG0483	PINCH SPEED DOWN GEAR	1	
65(1)		VDG0332	CONNECTION GEAR	1	
66(1)		VEK3347	SOLENOID UNIT	1	
67(1)		VXA2692	KICK ROD UNIT	1	
68(1)		VML2048	SOLENOID LEVER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
70(1)		VMB2012	MAIN BRAKE SPRING	1	
71(1)		VXR0176	TAKE UP REEL TABLE UNIT	1	
72(1)		VXD0101	HOUSING UNIT	1	
74(1)		VSC1843	HEAT SINK PLATE	1	
75(1)		VHD0329	HEAT SINK SCREW	1	
76(1)		VHD0374	HOUSING SCREW	1	
77(1)		VHD0425	UPPER CYLINDER SCREW	2	
78(1)		VMB1741	IMPEDANCE ARM SPRING	1	
79(1)		VML2308	IMPEDANCE ROLLER ARM	1	
80(1)		VXA3520	LED HOLDER UNIT	1	
81(1)		VMA7829	REINFORCEMENT PLATE (F)	1	
82(1)		VMA7830	REINFORCEMENT PLATE (R)	1	
84(1)		VMX1088	SUPPLY UPPER LIMITER	1	
85(1)		VDP1072	SUPPLY ROLLER	1	
86(1)		VMX1581	P1 COLLAR	1	
87(1)		VMX1533	SUPPLY ROLLER LIMITER	1	
88(1)		VMX1544	P4 UPPER LIMITER	1	
89(1)		VMX1568	P4 SLEEVE	1	
90(1)		VMX1534	P4 LOWER LIMITER	1	
91(1)		VMA7832	MOTOR MOUNT PLATE UNIT	1	
92(1)		VXA3517	WORM WHEEL BEARING UNIT	1	
93(1)		VXA3701	TENSION PULLEY BASE (A)	1	
			UNIT		
94(1)		VXA3564	REEL MOTOR BRACKET UNIT	1	
95(1)		VXP1047	WORM GEAR UNIT	1	
96(1)		VEM0320	REV MOTOR	1	
97(1)		VMX1535	WORM WASHER	1	
98(1)		VWJ15TW060M	FLEXIBLE CADE	1	
99(1)		VWJ0357	FLEXIBLE CADE(15P)	1	
100(2)		VMX1079	CUT WASHER	8	
101(2)		VMB1883	SUB LEVER SPRING	1	
103(2)		VXA3510	SUB LEVER UNIT	1	
104(2)		VMM0204	MAIN LEVER	1	
105(2)		VXL1873	SS BRAKE ARM UNIT	1	
106(2)		VMB1588	SS BRAKE SPRING	1	
107(2)		VXA3512	SS BRAKE BASE (1) UNIT	1	
108(2)		VXA3516	TENSION ROLLER UNIT	1	
109(2)		VXL1632	CAM FOLLOWER ARM UNIT	1	
110(2)		VML1861	DETENT ARM	1	
111(2)		VDG0574	MAIN CAM GEAR	1	
112(2)		VDG0343	SUB CAM GEAR	1	
113(2)		VDG0348	CENTRE GEAR	1	
114(2)		VDG0422	RETAINER GEAR	1	
115(2)		VDG0345	PLANET GEAR	3	
116(2)		VDG0547	CLUTCH DISK	1	
117(2)		VMB1558	CLUTCH SPRING	1	
118(2)		VDG0350	LOCK SLIDE GEAR	1	
119(2)		VDG0335	DRIVE DISK	1	
120(2)		VDG0342	RING GEAR	1	
121(2)		VMX0967	CUT WASHER	2	
122(2)		VML1859	CHANGE LEVER	1	
123(2)		VXA2672	RELEASE LEVER (1) UNIT	1	
124(2)		VMB1557	RELEASE SPRING	1	
125(2)		VML1860	RELEASE LEVER	1	
127(2)		VXP1031	TAKE UP REEL GEAR UNIT	1	
128(2)		VXP0981	SUPPLY REEL GEAR UNIT	1	
129(2)		VML1858	RETURN LEVER (R)	1	
130(2)		VML1857	RETURN LEVER (L)	1	
131(2)		VMD0913	STOPPER BASE	1	
132(2)		VDV0169	TIMING BELT	1	
133(2)		VXP0777	ROTOR UNIT	1	
135(2)		VEK4097	STATOR UNIT	1	<!>
136(2)		VMA6847	SUB PLATE	1	
137(2)		VXP1050	CENTRE PULLEY UNIT	1	
138(2)		VDG0564	LOADING GEAR (T)	1	
139(2)		VMB1555	LOADING SPRING (T)	1	
140(2)		VXL1489	LOADING ARM (T)(1) UNIT	1	
141(2)		VXA3515	SECTOR GEAR UNIT	1	
142(2)		VDG0516	LOADING CAM GEAR	1	
143(2)		VDG0419	LOADING GEAR (S)	1	
144(2)		VML2266	PLAY CONTROL ARM	1	
145(2)		VXL1487	LOADING ARM (S)(1) UNIT	1	
146(2)		VDG0546	INTERMEDIATE GEAR	1	
147(2)		VXL1861	PLAY ARM UNIT	1	
148(2)		VBK0048	FG HEAD	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
149(2)		VMB1746	LOADING SPRING(S)	1	
151(2)		VXP1029	REVIEW CLUTCH UNIT	1	
152(2)		VXP1030	TENSION RELEASE CLUTCH UNIT	1	
153(2)		VXL1851	REVIEW ARM UNIT	1	
154(2)		VML2197	TENSION RELEASE LEVER	1	
155(2)		VMX1536	CUT WASHER	1	
156(2)		VML2233	SUB CAM FOLLOWER	1	
157(2)		VMX1495	RUBBER STOPPER	1	
158(2)		VDG0517	SUB LEVER CAM	1	
159(2)		VDV0199	REVIEW CLUTCH TIMING BELT	1	
160(2)		VML2200	REVIEW CONTROL LEVER	1	
161(2)		VHD0431	STATOR SPACER SCREW	1	
162(2)		VHN0102	STATOR NUT	1	
201(3)		VMA7223	TOP PLATE	1	
202(3)		VXA3832	CASSETTE HOLDER UNIT	1	
216(3)		VXA2676	SIDE PLATE (L) UNIT	1	
217(3)		VMD0917	SIDE PLATE (L)	1	
218(3)		VML1880	OPENER LEVER	1	
219(3)		VXA3495	SIDE PLATE (R) UNIT	1	
221(3)		VXA3498	SLIDE SW UNIT	1	
229(3)		VXP0987	MAIN SHAFT UNIT	1	
230(3)		VMB1836	SUB WIPER SPRING (L)	1	
231(3)		VML1878	SUB WIPER ARM	1	
232(3)		VML1879	SUB WIPER ARM (R)	1	
233(3)		VMB1837	SUB WIPER SPRING (R)	1	
234(3)		VMA6900	CASSETTE GUIDE	1	
235(3)		VKF1212	BLINDER PANEL	1	
236(3)		VMB1258	BLINDER SPRING	1	
240(3)		VMA7224	CASSETTE HOLDER ANGLE	1	
300(4)		VYP2833	FRONT PANEL UNIT	1	NV-FS100EG
300(4)		VYP2881	FRONT PANEL UNIT	1	NV-FS100EI
301(4)		VYP2835	TOP PANEL UNIT	1	
302(4)		VKU0323	BOTTOM PLATE	1	
303(4)		VHD0165	TOP PANEL SCREW	4	
304(4)		VHD0059	BOTTOM PLATE SCREW	9	
305(4)		VMG0491	RUBBER CAP	1	
306(4)		VGQ1421	SOCKET CAP	1	
307(4)		VYC0364	SIDE PANEL (L) UNIT	1	
308(4)		VYC0365	SIDE PANEL (R) UNIT	1	
309(4)		VHD0492	SIDE PANEL SCREW	4	
310(4)		VXU0942	JOB KNOB UNIT	1	
311(4)		VGU4826	SHUTTLE KNOB	1	
312(4)		VGU4497	DOOR OPEN BUTTON	1	
313(4)		VGU4498	DOOR LOCK LEVER	1	
314(4)		VGU4829	LOCK LEVER HOLDER	1	
315(4)		VMB1963	LOCK LEVER SPRING	1	
316(4)		VES0526	KEY BOARD PANEL UNIT	1	
317(4)		VYC0357	DOOR ALUMINUM UNIT	1	
318(4)		VGP2211	DOOR SUB PANEL	1	
319(4)		VGL0379	PANEL LIGHT	1	
320(4)		VYP2834	DOOR PANEL UNIT	1	
321(4)		VXU0936	DOOR GEAR UNIT	1	
322(4)		VGQ1971	CUSHION RUBBER	1	
323(4)		VKF1295	DOOR SUPPORT PANEL	1	
324(4)		VMP2314	DOOR PANEL ANGLE	1	
325(4)		VMC0522	PANEL EARTH SPRING	1	
326(4)		VMP2334	TOP HOLDER ANGLE (FRONT-R)	1	
327(4)		VMP2335	TOP HOLDER ANGLE (REAR-R)	1	
328(4)		VMP2336	TOP HOLDER ANGLE (REAR-L)	1	NV-FS100EG
328(4)		VMP2336	TOP HOLDER ANGLE (L)	2	NV-FS100EI
329(4)		VMP2511	TOP HOLDER ANGLE (FRONT-L)	1	NV-FS100EG
330(4)		VYF1430	SUPPORT PANEL UNIT	1	
331(4)		VXB0009	DAMPER SPRING UNIT	1	
332(4)		VYQ0331	LEG (R) UNIT	2	
333(4)		VKA0105	LEG (F)	2	
334(4)		VGK1863	LEG COLLAR	4	
335(4)		VJF0102	WIRE CLIP	1	
336(4)		VJF0022	WIRE SADDLE	1	
337(4)		VKC0354	MAIN HINGE CLIP	2	
338(4)		VJF0236	C.B.A. SUPPORTER	2	
339(4)		VHD0418	MAIN SCREW	1	
340(4)		VHD0168	CHASSIS MOUNT SCREW	1	
341(4)		VSC2623	HEAT SINK (O)	1	
342(4)		VKF1150	HEAT SINK COVER	1	
343(4)		VJR3	CLAMPER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
344(4)		VXA3838	POWER SHIELD PALTE (MAIN)	1	
			UNIT		
345(4)		VSC2621	POWER SHIELD PALTE (TOP)	1	
346(4)		VSC2622	POWER SHIELD PALTE (BOTTOM)	1	
347(4)		VMP2337	INLET ANGLE	1	
348(4)		VSC2960	HEAT SINK (P)	1	
349(4)		VGH1476	POWER NAME PLATE	1	
350(4)		VGQ1615	IC HOLDER	1	
351(4)		VMZ1455	INSULATION SHEET	1	
352(4)		VMC0357	Tr. HOLDER SPRING	1	
353(4)		VMZ1454	BARRIER (A)	1	
354(4)		VMZ1465	BARRIER (B)	1	
355(4)		VMZ1487	CAPACITOR COVER	1	
356(4)		VJH0510	RF & ANT. BOARD	1	
357(4)		VXA3708	F SHIELD PLATE UNIT	1	
358(4)		VMZ1317	POWER BARRIER	1	
400(5)		VQT3287	OPERATING INSTRUCTIONS	1	<!>
			(ENGLISH/GERMAN)		
400(5)		VQT3315	OPERATING INSTRUCTIONS	1	<!> NV-FS100EI
			(ITALIAN)		
401(5)		VQC1315	PROGRAMME SHEET	1	
402(5)		VJA0376	DIN RF CABLE	1	
403(5)		VEQ0993	REMOTE CONTROLLER UNIT	1	NV-FS100EG
403(5)		VEQ1014	REMOTE CONTROLLER UNIT	1	NV-FS100EI
404(5)		VJA0231	AUDIO CABLE	2	
405(5)		VJA0443	AC CORD	1	<!>
406(5)		VEQ0996	DIGITAL SCANNER UNIT	1	
407(5)		VJA0453	S-VIDEO 4P CABLE	1	
408(5)		VPK1065	ACCESSORIES PACKING	1	
409(5)		VPN2493	CUSHION (R)	1	
410(5)		VPN2494	CUSHION (L)	1	
411(5)		VPG4857	PACKING	1	NV-FS100EG
411(5)		VPG4876	PACKING	1	NV-FS100EI
450(6)		VYK2641	TOP COVER UNIT	1	NV-FS100EG
450(6)		VYK2672	TOP COVER UNIT	1	NV-FS100EI
451(6)		VKM1882	BOTTOM COVER	1	
452(6)		VKF1290	BATTERY COVER	1	
453(6)		VKW0878	IR WINDOW	1	
454(6)		VSP0468	RUBBER CONTACT	1	NV-FS100EG
454(6)		VSP0475	RUBBER CONTACT	1	NV-FS100EI
455(6)		VGU4813	JOG KNOB	1	
456(6)		VMC0465	JOG SPRING	1	
457(6)		VGU4814	SHUTTLE KNOB	1	
458(6)		VJR0498	ELECTRODE (A)	1	
459(6)		VJR0509	ELECTRODE (B)	1	
500(7)		VYK2644	TOP COVER UNIT	1	
501(7)		VKW0940	IR WINDOW	1	
502(7)		VGU4099	TRANSMISSION BUTTON	1	
503(7)		VGU4100	POWER SW KNOB	1	
504(7)		VKM1331	BOTTOM COVER	1	
505(7)		VJR0272	ELECTRODE (COMMON)	1	
506(7)		VJR0411	ELECTRODE (+)	1	
507(7)		VJR0412	ELECTRODE (-)	1	
508(7)		VKF1173	BATTERY COVER	1	
509(7)		VKM1332	SENSOR CAP	1	
			SERVICING FIXTURES & TOOLS		
		VFJ8125H3F	VHS ALIGNMENT TAPE	1	(PAL)
		VFK0335	RETAINING RING REMOVER	1	(3mm/4mm)
		VFK0387	TENSION POST ADJUSTMENT	1	
			PLATE		
		VFK0191	POST ADJUSTMENT PLATE	1	
		VFK0190	REEL TABLE HEIGHIT GAUGE	1	
		VFK0328	H-POSITION ADJUSTMENT	1	
			SCREWDRIVER		
		VFK0329	POST ADJUSTMENT SCREWDRIVER	1	
		VFK62	FAN TYPE TENSION GAUGE	1	
		VFK0326	HEX WRENCH SET	1	
		VFK0132	BACK TENSION METER	1	
		VFK0343	CHECK LIGHT	1	
		VFK0344	HEIGHIT ADJUSTMENT FIXTURE	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VFK27	HEAD CLEANING STICK	1	
		MOR265	MORLYTONE GREASE	1	
		VFK0341	UPPER CYLINDER REMOVER	1	

4-3. 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 <!> 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 MICRO-FARADS(uf),P=uuF.
4.The P.C.Board units marked width'■'show below the main assembled parts.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP03633A	MAIN C.B.A.	1	<!> (NLA) NV-FS100EG
					INCLUDING THE
					SERVO PACK C.B.A.
					(VEP02341A),
					LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03634A),
					DDR SECAM PACK C.B.A.
					(VEP03673A),
					HQ PACK C.B.A.
					(VEP03635A),
					INPUT/OUTPUT PACK
					C.B.A.(VEP03641A),
					TV DEMODULATOR PACK
					C.B.A.(VEP07536K),
					DECODER PACK C.B.A.
					(VEP07537A),
					VPS PACK C.B.A.
					(VEP07563A),
					Hi-Fi AUDIO PACK
					C.B.A.(VEP04242H),
					AUDIO EQULIZER PACK
					C.B.A.(VEP00P10A).
		VEP03633B	MAIN C.B.A.	1	<!> (NLA) NV-FS100EI
					INCLUDING THE
					SERVO PACK C.B.A.
					(VEP02341A),
					LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03634A),
					DDR SECAM PACK C.B.A.
					(VEP03673A),
					HQ PACK C.B.A.
					(VEP03635A),
					INPUT/OUTPUT PACK
					C.B.A.(VEP03641B),
					TV DEMODULATOR PACK
					C.B.A.(VEP07536K),
					DECODER PACK C.B.A.
					(VEP07537A),
					VPS PACK C.B.A.
					(VEP07563A),
					Hi-Fi AUDIO PACK
					C.B.A.(VEP04242H),
					AUDIO EQULIZER PACK
					C.B.A.(VEP00P10A).
		VEP02341A	SERVO PACK C.B.A.	1	(NLA)
					INCLUDED IN MAIN
					C.B.A.(VEP03633A/
					VEP03633B).
		VEP03634A	LUMINANCE & CHROMINANCE	1	(NLA)
			PACK C.B.A.		INCLUDING THE
					DDR SECAM PACK C.B.A.
					(VEP03673A).
					INCLUDED IN MAIN
					C.B.A.(VEP03633A/
					VEP03633B).

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP03673A	DDR SECAM PACK C.B.A.	1	(NLA)
					INCLUDED IN MAIN
					C.B.A.(VEP03633A/
					VEP03633B).
		VEP03635A	HQ PACK C.B.A.	1	(NLA)
					INCLUDED IN MAIN
					C.B.A.(VEP03633A/
					VEP03633B).
		VEP03641A	INPUT/OUTPUT PACK C.B.A.	1	(NLA) NV-FS100EG
					INCLUDED IN MAIN
					C.B.A.(VEP03633A).
		VEP03641B	INPUT/OUTPUT PACK C.B.A.	1	(NLA) NV-FS100EI
					INCLUDED IN MAIN
					C.B.A.(VEP03633B).
		VEP07536K	TV DEMODULATOR PACK C.B.A.	1	(NLA)
		VEP07537A	DECODER PACK C.B.A.	1	(NLA)
					INCLUDED IN MAIN
					C.B.A.(VEP03633A/
					VEP03633B).
		VEP07563A	VPS PACK C.B.A.	1	(NLA)
					INCLUDED IN MAIN
					C.B.A.(VEP03633A/
					VEP03633B).
		VEP04242H	Hi-Fi AUDIO PACK C.B.A.	1	(NLA)
					INCLUDED IN MAIN
					C.B.A.(VEP03633A/
					VEP03633B).
		VEP00P10A	AUDIO EQULIZER PACK C.B.A.	1	(NLA)
					INCLUDED IN MAIN
					C.B.A.(VEP03633A/
					VEP03633B).
		VEP03639A	LUMINANCE & CHROMINANCE	1	(NLA) NV-FS100EG
			SEPARATION C.B.A.		INCLUDING THE
					CCD PACK C.B.A.
					(VEP03691A).
		VEP03639B	LUMINANCE & CHROMINANCE	1	(NLA) NV-FS100EI
			SEPARATION C.B.A.		INCLUDING THE
					CCD PACK C.B.A.
					(VEP03691A).
		VEP03691A	CCD PACK C.B.A.	1	(NLA)
					INCLUDED IN
					LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03639A/
					VEP03639B).
		VEP03677A	SUB LUMINANCE & CHROMINACE	1	(NLA)
			C.B.A.		INCLUDING THE
					1H DELAY CCD PACK
					C.B.A.(VEP03680A).

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP03680A	1H DELAY CCD PACK C.B.A.	1	(NLA)
					INCLUDED IN
					SUB LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03677A).
		VEP05149A	HEAD AMP C.B.A.	1	(NLA)
		VEP07566A	VPT INTERFACE C.B.A.	1	(NLA) NV-FS100EG
		VEP06580A	VR C.B.A.	1	(NLA)
					INCLUDING THE
					HEAD PHONE & MIC JACK
					C.B.A.(VEP00M29B).
		VEP00M29B	HEAD PHONE & MIC JACK	1	(NLA)
			C.B.A.		INCLUDED IN
					VR C.B.A.(VEP06580A).
		VEP07530A	TIMER C.B.A.	1	(NLA) NV-FS100EG
					INCLUDING THE
					IR RECEIVER C.B.A.
					(VEP06552A).
		VEP07530B	TIMER C.B.A.	1	(NLA) NV-FS100EI
					INCLUDING THE
					IR RECEIVER C.B.A.
					(VEP06552A).
		VEP06552A	IR RECEIVER C.B.A.	1	(NLA)
					INCLUDED IN TIMER
					C.B.A.(VEP07530A/
					VEP07530B).
		VEP06597A	JOG SHUTTLE C.B.A.	1	(NLA)
		VEP01381A	POWER C.B.A.	1	(NLA)
		VEP01397A	AUDIO POWER C.B.A.	1	(NLA)
		VEP00P23A	CYLINDER DRIVE C.B.A.	1	(NLA)
		VEP00K88C	FE HEAD AMP C.B.A.	1	(NLA)
		VEP00M86A	FG AMP C.B.A.	1	(NLA)
		VXA3825	MECHANISM CONNECTION C.B.A.	1	(NLA)
		VEK3578	PHOTO Tr.(S) C.B.A.	1	(NLA)
		-------	PHOTO Tr.(T) C.B.A.	1	(NLA)
					THIS PART IS INCLUDED
					IN SLIDE SW UNIT
					(VXA3498).
		VEP66107A	REMOTE CONTROLLER(A) C.B.A.	1	(NLA)

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP66082A	REMOTE CONTROLLER(B) C.B.A.	1	(NLA)
		VEP66077C	DIGITAL SCANNER C.B.A.	1	(NLA)
	■	VEP03633A	MAIN C.B.A.		<!> (NLA) NV-FS100EG
BP1003		VJP1253	CONNECTOR(MALE)	1	
BP1004		VJP0094	CONNECTOR	1	
BP3005		VJP1255	CONNECTOR(MALE)	1	
BP3007		VJP1257	CONNECTOR(MALE)	1	
BP3008		VJP1259	CONNECTOR(MALE)	1	
			CAPACITORS		
C301		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C302-04		ECEA1CK100	E.CAPACITOR 16V 10U	3	
C305		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C306		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C307		ECEAOJU331	E.CAPACITOR 6.3V 330U	1	
C308		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C309		ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C311		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C312		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C313		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C316		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C317		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C318		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C320		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C322		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C323		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C324		ECEA1HKN2R2	E.CAPACITOR 50V 2.2U	1	
C325		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C326		ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C329		ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C330		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C331		ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C332		ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C333		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C334		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C335		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C336		ECEAOJK101U	E.CAPACITOR 6.3V 100U	1	
C337		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C338,39		ECEAOJK220	E.CAPACITOR 6.3V 22U	2	
C341		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C342		ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C344		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C345		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C346		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C348		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C349		ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C701		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C702		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C703		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C707		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	1	
C708		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C715-20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	6	
C721		ECEA1HKR27K	E.CAPACITOR 50V 0.27U	1	
C722		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C723		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C727		ECUM1H080DCN	C.CAPACITOR CH 50V 80P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C728	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C731	ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C734	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C739	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C740	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C742	ECUM1H030CCN	C.CAPACITOR CH 50V 3P	1	
C743	ECUM1H270RSN	C.CAPACITOR CH 50V 27P	1	
C744	ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C745	ECUM1H680JFN	C.CAPACITOR CH 50V 68P	1	
C746	ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C748	ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C775	ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C781	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C782	ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C790	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C801	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C802	ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C803,04	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C805	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C806	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C807	ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C808	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C810	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C811	ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C812	ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C813	ECEA1HFS4R7	E.CAPACITOR 50V 4.7U	1	
C814	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C815	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C816	ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C817	ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C819	ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C821	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C823	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C824	ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C825	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C826	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C827	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C828	ECQV1H154JZ	P.CAPACITOR 50V 0.15U	1	
C832	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C833	ECRHA020D41	TRIMMER	1	
C834	ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C835	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C851	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C852	ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C853	ECEA1AFS470	E.CAPACITOR 10V 47U	1	
C854	ECQV1H563JZ	P.CAPACITOR 50V 0.056U	1	
C855	ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C856	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C859	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C1001	ECEA1AK330	E.CAPACITOR 10V 33U	1	
C1002	ECEA0JU471	E.CAPACITOR 6.3V 470U	1	
C1003	EECS5R5V473	E.CAPACITOR 5.5V 0.047	1	
C1004	ECEA1AK330	E.CAPACITOR 10V 33U	1	
C1005	ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C1006	ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C1007,08	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C1009	ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C1010	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C1011	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C1012	ECEA1HU470	E.CAPACITOR 50V 47U	1	
C1013	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1014	ECEA1VFE820	E.CAPACITOR 35V 82U	1	
C2001	ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C2002	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2003	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C2201	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C2204	ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C2205	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2206	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C2207	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2208	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2209	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2210	ECQB1H332JH	P.CAPACITOR 50V 3300P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2211	ECQB1H472JH	P.CAPACITOR 50V 4700P	1	
C2212	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2213	ECEA1CKN4R7	E.CAPACITOR 16V 4.7U	1	
C2214	ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C2215	ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C2216	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2217	ECEA1CKN4R7	E.CAPACITOR 16V 4.7U	1	
C2218	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2219	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2220	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2221	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2222	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C2223	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2224	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C2225	ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C2226	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C2227,28	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C2229	ECEA1AK330	E.CAPACITOR 10V 33U	1	
C2230	ECEA1CU470	E.CAPACITOR 16V 47U	1	
C2231	VCYD1C333MR1	S.CAPACITOR 16V 0.033U	1	
C2232	ECEA1CKS470	E.CAPACITOR 16V 47U	1	
C2233-35	ECEA1HK2R2	E.CAPACITOR 50V 2.2U	3	
C2236	VCYD1C333MR1	S.CAPACITOR 16V 0.033U	1	
C2237-39	ECQB1H333JH	P.CAPACITOR 50V 0.033U	3	
C2240	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C2241	ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C2242	ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	
C2243	ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C2244	ECSF1CE105	T.CAPACITOR 16V 1U	1	
C2245	ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C2246	ECEA10M47	E.CAPACITOR 10V 47U	1	
C2247	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C2248,49	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	2	
C2250	ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C2251	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C2262	VCYD1C333MR1	S.CAPACITOR 16V 0.033U	1	
C2263	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C2264	ECEA1EU221	E.CAPACITOR 25V 220U	1	
C2265	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C2266	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C2267,68	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	2	
C2269	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2270	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2272	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2273	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2274	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C2301	ECQV1H333JZ	P.CAPACITOR 50V 0.033U	1	
C2302	ECEA1CKS220	E.CAPACITOR 16V 22U	1	
C2303	ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C2304	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C2305	ECEA0JKS330	E.CAPACITOR 6.3V 33U	1	
C2306	ECEA0JSN220	E.CAPACITOR 6.3V 22U	1	
C2307	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C2308	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C2309	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C2310	ECEA0JKS220	E.CAPACITOR 6.3V 22U	1	
C2311	ECEA1HKS010	E.CAPACITOR 50V 1U	1	
C2312,13	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	2	
C3001	VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C3002,03	ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C3004-06	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C3012	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3013	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3014	ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3015	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3016	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3018	ECEA1AKN470	E.CAPACITOR 10V 47U	1	
C3019	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3020	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C3021	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3022	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C3023	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3024	ECEA1AU471	E.CAPACITOR 10V 470U	1	
C3025	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3026	ECEA1AU471	E.CAPACITOR 10V 470U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C3028		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3031		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3032,33		ECEA1CK101	E.CAPACITOR 16V 100U	2	
C3034		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C3035		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3036		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C3037		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3038		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3039,40		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3041,42		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3043		ECUM1H060DCN	T.CAPACITOR 50V 6P	1	
C3044		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3045		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3046		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3047		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3048		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3301		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C3302		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C3303		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C3304		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3305		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C3306		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C3307		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3308,09		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3310,11		ECEA1CKS100	E.CAPACITOR 16V 10U	2	
C3312,13		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3314		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C3315		ECEA1HKS4R7	E.CAPACITOR 50V 4.7U	1	
C3316		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3317		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3318		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3319		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3320		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C3321		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C3322		ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C3323		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3324		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C3325		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3351-53		ECEA1CK100	E.CAPACITOR 16V 10U	3	
C3354,55		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3913		ECEA1CU331	E.CAPACITOR 16V 330U	1	
C3914		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3915		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C3916-19		ECEA1CK220	E.CAPACITOR 16V 22U	4	
C4001		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4002		ECEA16M33	E.CAPACITOR 16V 33U	1	
C4003		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4004		ECQP1222JZ	P.CAPACITOR 100V 2200P	1	
C4005		ECCD2H121J	C.CAPACITOR 500V 120P	1	
C4006		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C4007		ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C4008		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4009		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C4012		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4013		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C4014		ECUM1H122KBN	C.CAPACITOR 50V 1200P	1	
C4015		ECEA16M10	E.CAPACITOR 16V 10U	1	
C4016		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4017		ECEA10M47	E.CAPACITOR 10V 47U	1	
C4018		ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4019		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4020		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4021		ECEA1AK101	E.CAPACITOR 10V 100U	1	
C4022		ECUM1H152KBN	C.CAPACITOR CH 50V 1500P	1	
C4023		ECUM1H221JN	C.CAPACITOR CH 50V 220P	1	
C4024,25		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C4026		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C4027		ECUM1H102JN	C.CAPACITOR CH 50V 1000P	1	
C4028		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4101		ECEA1APK101	E.CAPACITOR 10V 100U	1	
C4103		ECEA1HPK010	E.CAPACITOR 50V 1U	1	
C4104		ECEA1APK101	E.CAPACITOR 10V 100U	1	
C4106		ECEA1APK470	E.CAPACITOR 10V 47U	1	
C4107		ECEA1HPK010	E.CAPACITOR 50V 1U	1	
C4108		ECEA1CK101	E.CAPACITOR 16V 100U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C4110,11		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C4112		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C4114,15		ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	2	
C4118		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4120		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4121		ECUM1H223ZFN	C.CAPACITOR CH 50V 0.022U	1	
C4122		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4123		ECUM1H221KBN	C.CAPACITOR CH 50V 220P	1	
C4124		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4125		ECQB1H102JH	P.CAPACITOR 50V 1000P	1	
C4126		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C4127-30		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	4	
C4131		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C4201		ECQV1H333JZ	P.CAPACITOR 50V 0.033U	1	
C4202		ECQV1H563JZ	P.CAPACITOR 50V 0.056U	1	
C4203		ECQB1H682JH	P.CAPACITOR 50V 6800P	1	
C4204		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C4205		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C4501		VCEA1VAG4R7	E.CAPACITOR 35V 4.7U	1	
C4502		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4503		ECQB1H102JA	P.CAPACITOR 50V 1000P	1	
C4504		ECHR1H223JZ	.CAPACITOR 50V 0.022U	1	
C4505		ECQB1H682JA	P.CAPACITOR 50V 6800P	1	
C4506		VCEA1EAE100	E.CAPACITOR 25V 10U	1	
C4507		ECHR1H223JZ	.CAPACITOR 50V 0.022U	1	
C4508		VCEA1EAE4R7	E.CAPACITOR 25V 4.7U	1	
C4509		VCEA1CAH470	E.CAPACITOR 16V 47U	1	
C4510		ECHR1H103JZ	.CAPACITOR 50V 0.01U	1	
C4511		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4512		ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C4513,14		ECUM1H102JN	C.CAPACITOR CH 50V 1000P	2	
C4515		VCEA1HAG3R3	E.CAPACITOR 50V 3.3U	1	
C4516		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4517		ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4518,19		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C4520		VCEA1EAE100	E.CAPACITOR 25V 10U	1	
C4522		VCEA1HAE3R3	E.CAPACITOR 50V 3.3U	1	
C4525		ECEA1CPZ220	E.CAPACITOR 16V 22U	1	
C4526		VCEA1CAH101	E.CAPACITOR 16V 100U	1	
C4527		VCEA1AAE101	E.CAPACITOR 10V 100U	1	
C4528		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	1	
C4529		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4530		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C4531		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C4532		VCEA1CAE471	E.CAPACITOR 16V 470U	1	
C4534		VCEA1AAE101	E.CAPACITOR 10V 100U	1	
C4535		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4536		ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C4537		ECUM1H331JCN	C.CAPACITOR CH 50V 330P	1	
C4537		ECUM1H331JCN	C.CAPACITOR CH 50V 330P	1	
C4538		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4539		ECQB1H223JZ	P.CAPACITOR 50V 0.022U	1	
C4540-42		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C4543		ECUM1H122JN	C.CAPACITOR 50V 1200P	1	
C4551		VCEA1EAG4R7	E.CAPACITOR 25V 4.7U	1	
C4552		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4553		ECQB1H102JA	P.CAPACITOR 50V 1000P	1	
C4554		ECHR1H223JZ	.CAPACITOR 50V 0.022U	1	
C4555		ECQB1H682JA	P.CAPACITOR 50V 6800P	1	
C4556		VCEA1EAE100	E.CAPACITOR 25V 10U	1	
C4557		ECHR1H223JZ	.CAPACITOR 50V 0.022U	1	
C4558		VCEA1EAE4R7	E.CAPACITOR 25V 4.7U	1	
C4559		VCEA1CAH470	E.CAPACITOR 16V 47U	1	
C4560		ECHR1H103JZ	.CAPACITOR 50V 0.01U	1	
C4561		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4562		ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C4563,64		ECUM1H102JN	C.CAPACITOR CH 50V 1000P	2	
C4565		VCEA1EAG3R3	E.CAPACITOR 25V 3.3U	1	
C4566		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4567		ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4568,69		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C4570		VCEA1EAE100	E.CAPACITOR 25V 10U	1	
C4572		VCEA1HAE3R3	E.CAPACITOR 50V 3.3U	1	
C4574,75		ECEA1HK010	E.CAPACITOR 50V 1U	2	
C4593		ECUM1H122JN	C.CAPACITOR 50V 1200P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C4903,04		ECUM1H101KN	C.CAPACITOR CH 50V 100P	2	
C4907,08		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
C4909,10		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C4911,12		ECUM1H101KN	C.CAPACITOR CH 50V 100P	2	
C4913,14		ECQB1H682JH	P.CAPACITOR 50V 6800P	2	
C4915,16		ECQB1H183JH	P.CAPACITOR 50V 0.018U	2	
C4918		VCEA1HAC3R3	E.CAPACITOR 50V 3.3U	1	
C4920,21		VCEA1CAD100	E.CAPACITOR 16V 10U	2	
C4922		VCEA1AAC221	E.CAPACITOR 10V 220U	1	
C4923		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4924-26		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	3	
C4927		VCEA1AAC101	E.CAPACITOR 10V 100U	1	
C4928		VCEA1CAC101	E.CAPACITOR 16V 100U	1	
C4929		VCEA1VAC470	E.CAPACITOR 35V 47U	1	
C4930,31		VCEA1HAC010	E.CAPACITOR 50V 1U	2	
C4932		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4933		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4936		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C5001		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5002		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C5003		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5004		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C5005		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5006		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C5007		ECUM1H391JN	C.CAPACITOR CH 50V 390P	1	
C5008		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5009		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C5010		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C5011		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5012		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C5013		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C5014		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C5015,16		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C5017		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C5018-20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C5021		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C5022		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5023		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C5024		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C5025		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5026		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C5027,28		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C5030		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C5031		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5032		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C5033		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5035		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C5036		ECUM1H271KBN	C.CAPACITOR CH 50V 270P	1	
C5037		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5038		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C5039		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C5040		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5041		ECUM1H080DCN	C.CAPACITOR CH 50V 80P	1	
C5042		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C6001		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6002		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C6003		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6004		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C6005		ECUM1H151KBN	C.CAPACITOR CH 50V 150P	1	
C6006		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C6007		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6008		ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C6010,11		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	2	
C6012		ECEA1AK330	E.CAPACITOR 10V 33U	1	
C6013,14		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C6015		ECUM1H102ZFN	C.CAPACITOR CH 50V 1000P	1	
C6016		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6017		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6018,19		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C6020-23		ECUM1H271KBN	C.CAPACITOR CH 50V 270P	4	
C6024-28		ECUM1H221KBN	C.CAPACITOR CH 50V 220P	5	
C6029		ECEA0JU331	E.CAPACITOR 6.3V 330U	1	
C6030		ECEA1CU222	E.CAPACITOR 16V 2200U	1	
C6033		ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C6034		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C6037,38		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	2	
C6039		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C6041		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6043		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6044		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6045		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6046		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C6047		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C7302		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7303		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7304		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7305		ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	
C7306		ECQB1H102KH	P.CAPACITOR 50V 1000P	1	
C7307		ECQB1H822KH	P.CAPACITOR 50V 8200P	1	
C7308		ECQB1H102KH	P.CAPACITOR 50V 1000P	1	
C7309		ECQB1H152JH	P.CAPACITOR 50V 1500P	1	
C7310		ECEA16Z10	E.CAPACITOR 16V 10U	1	
C7311		ECEA50ZR47	E.CAPACITOR 50V 0.47U	1	
C7312		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7313		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7314		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7315		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7316		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7317		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C7318		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7319		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C7320,21		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C7322		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C7323,24		ECQB1H223JH	P.CAPACITOR 50V 0.022U	2	
C7325		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C7331		ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C7332,33		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	2	
C7334		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7335		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C7336		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7337		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C7338		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C7339		ECQB1H103KH	P.CAPACITOR 50V 0.01U	1	
C7340		ECUM1H390JPN	C.CAPACITOR CH 50V 39P	1	
C7341		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C7342		ECQB1H183JH	P.CAPACITOR 50V 0.018U	1	
C7343		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7344		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C7345		ECQB1H103KH	P.CAPACITOR 50V 0.01U	1	
C7346		ECUM1H390JPN	C.CAPACITOR CH 50V 39P	1	
C7347		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C7348		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7651		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7653		ECQB1H332JH	P.CAPACITOR 50V 3300P	1	
C7668		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7672		ECEA1HK5010	E.CAPACITOR 50V 1U	1	
C7685		ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7801		ECUM1H102JN	C.CAPACITOR CH 50V 1000P	1	
C7802		ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C7803		ECQB1H472JH	P.CAPACITOR 50V 4700P	1	
C7804		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7805		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C7806		ECQB1H333JH	P.CAPACITOR 50V 0.033U	1	
C7815		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C7816		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C7851		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7852		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C7853,54		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	2	
C7855,56		ECEA1HK010	E.CAPACITOR 50V 1U	2	
C7860		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C8301,02		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C8303		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C8304,05		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C8306		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C8307,08		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C8309		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C8310		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C8311		ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C8312		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C8313		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C8314		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C8315		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
D710		MA3100L	DIODE	1	
D773		11ES1	DIODE	1	
D801		MA151K	DIODE	1	
D802		MA151WA	DIODE	1	
D803		MA151K	DIODE	1	
D1001		AK04	DIODE	1	
D1003,04		MA723	DIODE	2	
D1005		MA165	DIODE	1	
D1010,11		MA165	DIODE	2	
D1012		MA154WK	DIODE	1	
D1014		MA154WK	DIODE	1	
D1015		MA165	DIODE	1	
D2201-04		MA165	DIODE	4	
D2205		MA4056M	DIODE	1	
D2212		MA165	DIODE	1	
D2216,17		MA165	DIODE	2	
D2301-04		MA165	DIODE	4	
D2306,07		MA165	DIODE	2	
D3001-03		MA165	DIODE	3	
D3004		MA723	DIODE	1	
D3006		MA165	DIODE	1	
D3301		MA151K	DIODE	1	
D3302		MA3091M	DIODE	1	
D3306		MA151K	DIODE	1	
D3901,02		MA165	DIODE	2	
D4003		MA165	DIODE	1	
D4101		MA165	DIODE	1	
D4104		MA165	DIODE	1	
D4202		MA165	DIODE	1	
D4501		MA151WK	DIODE	1	
D5001		MA151K	DIODE	1	
D6001		MA165	DIODE	1	
D6003,04		MA165	DIODE	2	
D6005		11ES1	DIODE	1	
D6007-16		MA165	DIODE	10	
D6017		MA4091M	DIODE	1	
D6019-22		MA165	DIODE	4	
D6025		AK04	DIODE	1	
D6026		MA165	DIODE	1	
D6027		MA4075M	DIODE	1	
D6029		MA154WK	DIODE	1	
D6032		MA165	DIODE	1	
D6033		MA723	DIODE	1	
D6035-38		MA156	DIODE	4	
D7302		MA151A	DIODE	1	
D7303		MA28WA	DIODE	1	
D7672		MA3300H	DIODE	1	
D7851		MA151K	DIODE	1	
D8301		MA151K	DIODE	1	
D8303		MA151WK	DIODE	1	
DL801		VLD0147	DELAY	1	
DL8301		VLD0089	DELAY	1	
FL301		ELB4L121	FILTER	1	
FL302		VLF0499	FILTER	1	
FL303		VLF0639	FILTER	1	
FL304		ELB4M022	FILTER	1	
FL801		VLF0299	FILTER	1	
FL851		VLF0143	FILTER	1	
FL3301		VLF0413	FILTER	1	
FL3302		ELB4R049	FILTER	1	
FL4501,02		VLF0406	FILTER	2	
FL4503		VLF0697	FILTER	1	
FL5001		ELB5A066	FILTER	1	
FL5002		ELB4K114	FILTER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
FL5003		ELB4R031	FILTER	1	
FL5004		ELB4K114	FILTER	1	
IC301		VEFH07C	IC	1	
IC302		M52055FP	IC	1	
IC303		VEFH05BT	IC	1	
IC304		NJM2233BMA	IC	1	
IC701		M51366SP	IC	1	
IC801		VCR0284	IC	1	
IC851		BA7025L	IC	1	
IC2201		AN3726K	IC	1	
IC2202		MN4013BS	IC	1	
IC2203		MN1280R	IC	1	
IC2204		MN4052BS	IC	1	
IC2205		MN6742VCWK	IC	1	
IC2206		BA6435S	IC	1	
IC2301		LM358PS	IC	1	
IC2302		MN4066BS	IC	1	
IC2303		UPC393G2	IC	1	
IC3001		M52055FP	IC	1	
IC3002		VCR0281	IC	1	
IC3301		AN3495K	IC	1	
IC3302		MSM6871RS	IC	1	
IC3307		BA7004	IC	1	
IC3901		M51292FP	IC	1	
IC4001		BA7766AS	IC	1	
IC4101		RC4560DD	IC	1	
IC4501		BA7700K1	IC	1	
IC4502		UPC78L05J	IC	1	
IC4901		M51293FP	IC	1	
IC4902		UPC78L06J	IC	1	
IC4903		AN79N06	IC	1	
IC5001		M52054SP	IC	1	
IC5002		AN6308S	IC	1	
IC6001		MN188166VHS	IC	1	
IC6002		MN1280R	IC	1	
IC6003		MC14011BF	IC	1	
IC6004		LM339N	IC	1	
IC6005		AN6609N	IC	1	
IC6006		LM393PS	IC	1	
IC6007		MC14519BF	IC	1	
IC7301		TDA3803A	IC	1	
IC7302,03		AN5215	IC	2	
IC7801		SAA4700	IC	1	
IC7851		MN158413VHW	IC	1	
IC7852		MN1280S	IC	1	
L302		VLQEL06F101K	COIL 100UH	1	
L303		VLQEL05F680K	COIL 68UH	1	
L304		VLQEL05F560K	COIL 56UH	1	
L305-08		VLQEL05F101K	COIL 100UH	4	
L310		VLQEL05F220K	COIL 22UH	1	
L701,02		ELESP680KA	COIL 68UH	2	
L711		ELQTR68XB	COIL 0.68UH	1	
L712		VLQ0305J1R2	COIL 1.2UH	1	
L714		VLQ0305J1R2	COIL 1.2UH	1	
L715		VLQ0213K680	COIL 68UH	1	
L716		ELESP560KA	COIL 56H	1	
L717,18		ELESP680KA	COIL 68UH	2	
L719		ELESP120KA	COIL 12UH	1	
L781		ELESP680KA	COIL 68UH	1	
L801-03		VLQEL05F101K	COIL 100UH	3	
L805		VLQEL05F101K	COIL 100UH	1	
L806		VLQEL05F150K	COIL 15UH	1	
L809,10		VLQEL05F681K	COIL 680UH	2	
L811		VLQEL05F331K	COIL 330UH	1	
L812		VLQEL05F470K	COIL 47UH	1	
L814		VLQEL05F330J	COIL 33UH	1	
L851		VLQEL05F101K	COIL 100UH	1	
L1010		VLQEL05F102K	COIL 1000UH	1	
L2002		VLP0099	COIL	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
L2201-03		VLQEL05F101K	COIL 100UH	3	
L2204		VLQEL05F102K	COIL 1000UH	1	
L3005		VLQEL05F151K	COIL 150UH	1	
L3006		VLQEL05F820K	COIL 82UH	1	
L3007,08		VLQEL05F101K	COIL 100UH	2	
L3009		VLQ0398	COIL	1	
L3010		VLQEL05F681K	COIL 680UH	1	
L3301-03		VLQEL05F101K	COIL 100UH	3	
L3309		VLQEL05F101K	COIL 100UH	1	
L3312		VLQEL05F101K	COIL 100UH	1	
L4002		VLQEL05F471K	COIL 470UH	1	
L4102		VLQEL05F1R0K	COIL 1UH	1	
L4104		VLQEL05F101K	COIL 100UH	1	
L4105		VLP0085	COIL	1	
L4201		VLQEL07F153J	COIL 15MH	1	
L4501,02		VLQEL05F101K	COIL 100UH	2	
L4901-04		VLQEL05F102K	COIL 1000UH	4	
L4905,06		VLQEL05F101K	COIL 100UH	2	
L4907		VLQ0407102K	COIL	1	
L5001		VLQEL05F101K	COIL 100UH	1	
L5002		VLQEL05F181K	COIL 180UH	1	
L5003		VLQEL05F270K	COIL 27UH	1	
L5004,05		VLQEL05F5R6K	COIL 5.6UH	2	
L5006		VLQEL05F120K	COIL 12UH	1	
L5007		VLQEL05F101K	COIL 100UH	1	
L5008		VLQEL05F100K	COIL 10UH	1	
L5009		VLQEL05F100K	COIL 10UH	1	
L5010		VLQEL05F220K	COIL 22UH	1	
L5012,13		VLQEL05F101K	COIL 100UH	2	
L7301		ELESP102KA	COIL 1000UH	1	
L7302		ELESP680KA	COIL 68UH	1	
L7304		VTQ0014	COIL	1	
L8301		VLQEL05F101K	COIL 100UH	1	
L8302,03		VLQEL05F150K	COIL 15UH	2	
L8304		VLQEL05F270K	COIL 27UH	1	
L8305		VLQEL05F151K	COIL 150UH	1	
P1001		VJP2593	CONNECTOR(MALE)	1	
P1253		VJH1230T	CONNECTOR	1	
P2001		VJP1242T	CONNECTOR(MALE) 2P	1	
P2002		VJF0093	CONNECTOR	1	
P2201		VJP1245T	CONNECTOR(MALE) 5P	1	
P2203		VJP1148	CONNECTOR(MALE)	1	
P3001		VJP1237T	CONNECTOR(MALE) 10P	1	
P3002		VJP1235T	CONNECTOR(MALE) 8P	1	
P3003		VJP1237T	CONNECTOR(MALE) 10P	1	
P3201		VJP1244T	CONNECTOR(MALE) 4P	1	
P3202		VJP1246T	CONNECTOR(MALE) 6P	1	
P4001		VJP1231T	CONNECTOR(MALE) 4P	1	
P4002		VJP1236T	CONNECTOR(MALE) 9P	1	
P4003		VJP1236T	CONNECTOR(MALE) 9P	1	
P4004		VJP1229T	CONNECTOR(MALE) 2P	1	
P4005		VJP1188T	CONNECTOR(MALE)	1	
P4901		VJP1242T	CONNECTOR(MALE) 2P	1	
P6003		VJP1932T	CONNECTOR(MALE)	1	
PK2201		VJP1865	CONNECTOR(MALE)	1	
PK2201		VJS1865	CONNECTOR(FEMALE)	1	
PK2202		VJP1865	CONNECTOR(MALE)	1	
PK2202		VJS1865	CONNECTOR(FEMALE)	1	
PK2203		VJP1861	CONNECTOR(MALE)	1	
PK2203		VJS1861	CONNECTOR(FEMALE)	1	
PK2204		VJP1859	CONNECTOR(MALE)	1	
PK2204		VJS1859	CONNECTOR(FEMALE)	1	
PK3011		VJP1862	CONNECTOR(MALE)	1	
PK3011		VJS1862	CONNECTOR(FEMALE)	1	
PK3012		VJP1862	CONNECTOR(MALE)	1	
PK3012		VJS1862	CONNECTOR(FEMALE)	1	
PK3013		VJP1861	CONNECTOR(MALE)	1	
PK3013		VJS1861	CONNECTOR(FEMALE)	1	
PK3021		VJP1858	CONNECTOR(MALE)	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
PK3021		VJS1858	CONNECTOR(FEMALE)	1	
PK3022		VJP1865	CONNECTOR(MALE)	1	
PK3022		VJS1865	CONNECTOR(FEMALE)	1	
Q301		2SD601	TRANSISTOR CHIP	1	
Q302		2SC2295	TRANSISTOR	1	
Q703		2SD601	TRANSISTOR	1	(S,T)
Q710		2SC2377	TRANSISTOR	1	(C,D)
Q712		2SD638	TRANSISTOR	1	
Q771		2SD601	TRANSISTOR CHIP	1	
Q801		2SB709	TRANSISTOR CHIP	1	
Q804		2SD601	TRANSISTOR CHIP	1	
Q1001		2SC4024	TRANSISTOR	1	
Q1002		2SD601	TRANSISTOR CHIP	1	
Q1003		2SD601A	TRANSISTOR	1	
Q1004		2SD1330	TRANSISTOR	1	
Q1005		2SD1330	TRANSISTOR	1	(S)
Q2201		2SD601	TRANSISTOR CHIP	1	
Q2202		2SC2295	TRANSISTOR	1	
Q2203		2SD602	TRANSISTOR CHIP	1	
Q2204-09		2SD601	TRANSISTOR CHIP	6	
Q2301		2SD601	TRANSISTOR CHIP	1	
Q3001		2SD602	TRANSISTOR	1	
Q3003		2SC2295	TRANSISTOR	1	
Q3004		2SB709	TRANSISTOR CHIP	1	
Q3005-07		2SD601	TRANSISTOR CHIP	3	
Q3008		2SC2295	TRANSISTOR	1	
Q3009		2SB709	TRANSISTOR	1	(S)
Q3301-04		2SC2295	TRANSISTOR	4	
Q3310		2SC2295	TRANSISTOR	1	
Q4001		2SD639	TRANSISTOR	1	(R)
Q4103		2SD1328	TRANSISTOR	1	
Q4201-05		2SD1306	TRANSISTOR	5	
Q4502,03		2SD1306	TRANSISTOR	2	
Q4504		2SD601	TRANSISTOR CHIP	1	
Q5001		2SC2295	TRANSISTOR	1	
Q5002,03		2SD601	TRANSISTOR CHIP	2	
Q5004,05		2SC2295	TRANSISTOR	2	
Q5006		2SB709	TRANSISTOR CHIP	1	
Q5007-13		2SC2295	TRANSISTOR	7	
Q5014		2SB709	TRANSISTOR CHIP	1	
Q5015		2SC2295	TRANSISTOR	1	
Q5016		2SC2295	TRANSISTOR	1	
Q6002		2SB790	TRANSISTOR	1	(R,S)
Q6003		2SB709	TRANSISTOR CHIP	1	
Q6004		2SB790	TRANSISTOR	1	(R,S)
Q6006		2SD893	TRANSISTOR	1	
Q6007		2SD973	TRANSISTOR	1	
Q6008		2SD636	TRANSISTOR	1	
Q6011		2SD1856	TRANSISTOR	1	
Q6012		2SD636	TRANSISTOR	1	
Q6013-15		2SD601	TRANSISTOR CHIP	3	
Q6017		2SD601	TRANSISTOR CHIP	1	
Q7301		2SD601	TRANSISTOR	1	(S,T)
Q7302		2SD1328	TRANSISTOR	1	
Q7303		2SD1328	TRANSISTOR	1	
Q7304,05		2SD601	TRANSISTOR CHIP	2	
Q7306		2SC2404	TRANSISTOR CHIP	1	(C,D)
Q7307		2SD1328	TRANSISTOR	1	
Q8301		2SD601	TRANSISTOR CHIP	1	
Q8302		2SC2295	TRANSISTOR	1	
QR301-04		UN2213	TRANSISTOR-RESISTOR	4	
QR305		UN2110	TRANSISTOR-RESISTOR	1	
QR307		UN2213	TRANSISTOR-RESISTOR	1	
QR310,11		UN2213	TRANSISTOR-RESISTOR	2	
QR701,02		UN2213	TRANSISTOR-RESISTOR	2	
QR711,12		UN2212	TRANSISTOR-RESISTOR	2	
QR801-05		UN2213	TRANSISTOR-RESISTOR	5	
QR806		UN2113	TRANSISTOR-RESISTOR	1	
QR1001		UN2211	TRANSISTOR-RESISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
QR1002		UN2213	TRANSISTOR-RESISTOR	1	
QR1006		UN2211	TRANSISTOR-RESISTOR	1	
QR2001		UN2211	TRANSISTOR-RESISTOR	1	
QR2201,02		UN2117	TRANSISTOR-RESISTOR	2	
QR2206-09		UN2213	TRANSISTOR-RESISTOR	4	
QR2210		UN2212	TRANSISTOR-RESISTOR	1	
QR2213		UN2112	TRANSISTOR-RESISTOR	1	
QR2214		UN2213	TRANSISTOR-RESISTOR	1	
QR2215		UN2113	TRANSISTOR-RESISTOR	1	
QR2301		UN2213	TRANSISTOR-RESISTOR	1	
QR2302		UN2113	TRANSISTOR-RESISTOR	1	
QR2303-06		UN2213	TRANSISTOR-RESISTOR	4	
QR2307		UN2113	TRANSISTOR-RESISTOR	1	
QR3001,02		UN2213	TRANSISTOR-RESISTOR	2	
QR3003,04		UN2111	TRANSISTOR-RESISTOR	2	
QR3005		UN2213	TRANSISTOR-RESISTOR	1	
QR3006		UN2212	TRANSISTOR-RESISTOR	1	
QR3007		UN2214	TRANSISTOR-RESISTOR	1	
QR3008		UN2111	TRANSISTOR-RESISTOR	1	
QR3009		UN2213	TRANSISTOR-RESISTOR	1	
QR3011		UN2213	TRANSISTOR-RESISTOR	1	
QR3012		DTC363EK	TRANSISTOR-RESISTOR	1	
QR3013		UN211D	TRANSISTOR-RESISTOR	1	
QR3014		UN2211	TRANSISTOR-RESISTOR	1	
QR3301-03		UN2213	TRANSISTOR-RESISTOR	3	
QR3901		UN2213	TRANSISTOR-RESISTOR	1	
QR3902		UN2113	TRANSISTOR-RESISTOR	1	
QR4001		UN2213	TRANSISTOR-RESISTOR	1	
QR4101		UN2213	TRANSISTOR-RESISTOR	1	
QR4102		UN2113	TRANSISTOR-RESISTOR	1	
QR4103,04		UN2112	TRANSISTOR-RESISTOR	2	
QR4105		UN2213	TRANSISTOR-RESISTOR	1	
QR4501,02		UN2213	TRANSISTOR-RESISTOR	2	
QR5001-04		DTC363EK	TRANSISTOR-RESISTOR	4	
QR5006		UN2213	TRANSISTOR-RESISTOR	1	
QR6003,04		UN2213	TRANSISTOR-RESISTOR	2	
QR6005-09		UN2211	TRANSISTOR-RESISTOR	5	
QR6010		UN2213	TRANSISTOR-RESISTOR	1	
QR6011		UN2211	TRANSISTOR-RESISTOR	1	
QR6013		UN2111	TRANSISTOR-RESISTOR	1	
QR6014		UN2113	TRANSISTOR-RESISTOR	1	
QR6015-17		UN2213	TRANSISTOR-RESISTOR	3	
QR6018		UN2113	TRANSISTOR-RESISTOR	1	
QR6019,20		UN2213	TRANSISTOR-RESISTOR	2	
QR6021		UN2113	TRANSISTOR-RESISTOR	1	
QR6022		UN2111	TRANSISTOR-RESISTOR	1	
QR6024		UN2113	TRANSISTOR-RESISTOR	1	
QR6025		UN2212	TRANSISTOR-RESISTOR	1	
QR6027		UN2213	TRANSISTOR-RESISTOR	1	
QR6028-31		UN2212	TRANSISTOR-RESISTOR	4	
QR7301,02		UN2214	TRANSISTOR-RESISTOR	2	
QR7312-14		UN2211	TRANSISTOR-RESISTOR	3	
QR7851		UN2211	TRANSISTOR-RESISTOR	1	
QR7852		UN2213	TRANSISTOR-RESISTOR	1	
			RESISTORS		
R302		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R306		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R307		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R308		ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R309		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R310		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R312		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R313		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R314		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R315		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R316		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R317		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R318		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R319		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R320,21		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R322		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R323-25		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	3	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R326		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R327		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R328		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R330		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R331		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R332		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R337		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R338		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R339		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R340		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R341		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R712		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R713		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R714		ERD2FCG330	C.RESISTOR 2W 33	1	
R715		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R716		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R717		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R718		ERJ6GEYJ754	M.RESISTOR CH 1/10W 750K	1	
R719,20		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	2	
R721		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R722		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R723		ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R724		ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R725		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R726		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R727		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R728		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R737		ERJ6GEYJ274	M.RESISTOR CH 1/10W 270K	1	
R738		ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R740		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R741		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R743		ERJ6GEYJ470	M.RESISTOR CH 1/10W 47	1	
R744		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R745		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R746		ERDS2TJ181	C.RESISTOR 1/4W 180	1	
R747		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R750		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R759		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R772		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773		ERJ6GEYJ124	M.RESISTOR CH 1/10W 120K	1	
R774		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R781		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R782		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R792		ERDS2TJ120	C.RESISTOR 1/4W 12	1	
R795		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R801		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R802		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R803		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R808		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R809,10		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	2	
R811		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R812		ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R813		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R814		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R815		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R816		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R817		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R818		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R819		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R820		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R821		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R825		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R826		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R827		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R851		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R852		ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R853		ERJ6GEYJ154	M.RESISTOR CH 1/10W 150K	1	
R854		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R855		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R856		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1002		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R1003		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R1004		ERDS2TJ333	C.RESISTOR 1/4W 33K	1	
R1005		ERDS1TJ822	C.RESISTOR 1/2W 8.2K	1	
R1006		ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R1007		ERJ6GMYG912	M.RESISTOR CH 1/10W 9.1K	1	
R1008		ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R1009		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1010		ERJ6GMYG682	M.RESISTOR CH 1/10W 6.8K	1	
R1011		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R1012		ERG2ANJ681	M.RESISTOR 2W 680	1	
R1013		ERG2ANJ821	M.RESISTOR 2W 820	1	
R2001		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R2002		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R2005		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R2006		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2007		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2201		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2202		ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R2203		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R2204		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2205		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2206		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2207		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R2208		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2209		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R2210		ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R2211-13		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	3	
R2214		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R2215,16		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R2217		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2218		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R2219		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2220		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2221		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R2222		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2223,24		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R2225		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R2226		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R2227		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2228		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R2229-33		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	5	
R2236		ERJ6GMYG362	M.RESISTOR CH 1/10W 3.6K	1	
R2237		ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1	
R2238,39		ERDS2TJ330	C.RESISTOR 1/4W 33	2	
R2240		ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R2241,42		ERDS2TJ330	C.RESISTOR 1/4W 33	2	
R2243		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2244		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2245		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R2246		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2247		ERJ6GMYG334	M.RESISTOR CH 1/10W 330K	1	
R2248		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2249		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2250		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2251		ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R2252		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2253,54		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	2	
R2255		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R2256		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2257		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R2258		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2259		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R2260		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2261		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R2266		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2288		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R2289		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2290		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2292		ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2301		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2302		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2303		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R2304		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2305		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2306		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R2307,08		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	2	
R2309		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2310		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R2311		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R2312		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R2313		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R2314		ERJ6GMYJ684	M.RESISTOR CH 1/10W 680K	1	
R2315		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R2316		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R2317		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2318		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R2319		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2320		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2321		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2322		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R2323		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R2324-26		ERJ6GMYG223	M.RESISTOR CH 1/10W 22K	3	
R2327		ERJ6GMYG243	M.RESISTOR CH 1/10W 24K	1	
R2328		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2329		ERJ6GMYG333	M.RESISTOR CH 1/10W 33K	1	
R2330,31		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2332,33		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	2	
R2334		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2335		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2336		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R3001		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3002		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3003		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3004		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3011		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3012		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3013		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3014		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3015		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3017		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3018-20		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	3	
R3024		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3025,26		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R3029		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3030		ERJ6GMYG222	M.RESISTOR CH 1/10W 2.2K	1	
R3031		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3032		ERDS2TJ271	C.RESISTOR 1/4W 270	1	
R3033,34		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R3035		ERJ6GMYG202	M.RESISTOR CH 1/10W 2K	1	
R3036		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3037-39		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R3040		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R3041		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3042		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3043		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3044,45		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R3046-48		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R3049		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3050		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3051,52		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R3053		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R3054,55		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R3056		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3301		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3302		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3303		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3304		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R3305		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3306		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3307		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3308		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3309		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3310		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3311		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R3312		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R3313		ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	1	
R3314		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3315		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3316		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3317		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3318		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3319		ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R3320		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3321		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3344	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3345	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3346,47	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R3348	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3349,50	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	2	
R3901,02	ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	2	
R3908	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R3909-18	ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	10	
R3919,20	ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	2	
R3921	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3922	ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3923	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3924	ERD2FCG220	C.RESISTOR 2W 22	1	
R3925	ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R4001	ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R4002	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4003	ERJ6GMYJ203	M.RESISTOR CH 1/10W 2K	1	
R4004,05	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R4007	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4008	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R4009	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4010	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4012	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4013	ERJ6GMYJ394	M.RESISTOR CH 1/10W 390K	1	
R4014	ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R4015	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4016	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R4017	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4018	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4020	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4021	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R4022	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4023	ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R4024,25	ERJ6GMYG104	M.RESISTOR CH 1/10W 100K	2	
R4026	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4027	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4030	ERJ6GMYJ512	M.RESISTOR CH 1/10W 5.1K	1	
R4031	ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4035	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R4044	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R4101	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4104	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4105,06	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R4107	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4108	ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4109	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4110	EROS2CKG2403	M.RESISTOR 1/4W 240K	1	
R4111	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4112	ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4113,14	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	2	
R4115	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4116	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4117	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4118	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4121	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4123	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4201	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4202	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4203	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R4204	ERJ6GEYJ121	M.RESISTOR CH 1/10W 120	1	
R4205	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R4206	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R4207	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4208-13	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	6	
R4501	ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1	
R4502	ERJ6GMYG681	M.RESISTOR CH 1/10W 680	1	
R4503	ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1	
R4504	VRE0034E112	.RESISTOR 1/4W 1.1K	1	
R4505	ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4506	ERJ6GMYG183	M.RESISTOR CH 1/10W 18K	1	
R4507	ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4508	ERJ6GMYG104	M.RESISTOR CH 1/10W 100K	1	
R4510	ERJ6GMYG561	M.RESISTOR CH 1/10W 560	1	
R4511	ERJ6GMYG303	M.RESISTOR CH 1/10W 30K	1	
R4512	VRE0034E113	.RESISTOR 1/16W 11K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4513	ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4514	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4515	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4516	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4517	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4520	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4521	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4522	ERJ6GMYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R4523	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4525,26	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R4527	VRE0034E104	.RESISTOR 1/4W 100K	1	
R4528	VRE0034E393	.RESISTOR 1/4W 39K	1	
R4529	ERJ6GEYG123	M.RESISTOR CH 1/10W 12K	1	
R4530	ERJ6GMYJ334	M.RESISTOR CH 1/10W 330K	1	
R4533	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4535	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4536	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R4537	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4539	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4540	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4541	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R4551	ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1	
R4552	ERJ6GMYG681	M.RESISTOR CH 1/10W 680	1	
R4553	ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1	
R4554	VRE0034E112	.RESISTOR 1/4W 1.1K	1	
R4555	ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4556	ERJ6GMYG183	M.RESISTOR CH 1/10W 18K	1	
R4557	ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4558	ERJ6GMYG104	M.RESISTOR CH 1/10W 100K	1	
R4560	ERJ6GMYG561	M.RESISTOR CH 1/10W 560	1	
R4561	ERJ6GMYG303	M.RESISTOR CH 1/10W 30K	1	
R4562	VRE0034E912	.RESISTOR 1/4W 9.1K	1	
R4563	VRE0034E49B	.RESISTOR 1/4W 49	1	
R4564	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4565	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4566	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R4567	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R4570,71	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	2	
R4573	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4574	ERJ6GMYJ270	M.RESISTOR CH 1/10W 27	1	
R4575	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4576	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4577	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4902,03	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R4908,09	ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	2	
R4910,11	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R4912,13	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	2	
R4916,17	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R4924	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R4925	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4926	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R4927	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4928	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4929,30	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R4931	ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R4932	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4933	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4934	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R4935	ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R4936	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4937	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R4938	ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R4939	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4940	ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R4941	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4943-46	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	4	
R5001	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R5002	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R5003-05	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	3	
R5006	ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R5007	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R5008	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R5009	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R5010	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R5011	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R5012-14		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	3	
R5015		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R5016		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R5017		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R5018		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R5019		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R5020		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R5021		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R5022		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R5023		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R5024		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R5025		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R5026		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R5027		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R5028		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R5029		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R5030		ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R5031		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R5033-35		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R5036,37		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	2	
R5038		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R5039		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R5040		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R5041		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R5042		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R5043		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R5044		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R5045		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R5046-48		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	3	
R5049		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R5050		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R5051		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R5052		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R5053		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R5054		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R5055,56		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R5057		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R5058		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R6001		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6005		ERDS2TJ152	C.RESISTOR 1/4W 1.5K	1	
R6006,07		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R6008		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6009		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6010,11		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R6016		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6017		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6018		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6019		ERJ6GMYJ121	M.RESISTOR CH 1/10W 120	1	
R6020		ERG2SJ150	M.RESISTOR 2W 15	1	
R6021		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6023		ERD2FCVG220	C.RESISTOR 2W 22	1	
R6028		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6029		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6030		ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R6031		ERJ6GMYG242	M.RESISTOR CH1/10W 2.4K	1	
R6032		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6033		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6034		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6035		ERSF3OJR90	M.RESISTOR 0.9	1	
R6036		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6038		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6039,40		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	2	
R6042		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6043,44		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6045,46		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R6047		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6048-50		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	3	
R6051,52		ERJ6GMYJ564	M.RESISTOR CH 1/10W 560K	2	
R6054		ERJ6GMYK395	M.RESISTOR CH 1/10W 3.9M	1	
R6055		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6056		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R6057		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R6058		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6059		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R6060		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R6061		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6062,63		ERJ6GMYJ564	M.RESISTOR CH 1/10W 560K	2	
R6064-66		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	3	
R6067		ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R6068		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6069		ERJ6GMYK395	M.RESISTOR CH 1/10W 3.9M	1	
R6071		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6072		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6073-75		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	3	
R6076		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6077,78		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R6079		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6080		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R6081,82		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6083		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R6084		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6085		ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6087		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6088		ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6089		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R6090		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6091		ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R6092		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R6093		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R6094-98		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	5	
R6101		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6102		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6105		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6106		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6107,08		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R6109		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6110		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6111		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6112		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6113		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6114		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R6115		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6119-22		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	4	
R6123		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R6128,29		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R6130,31		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	2	
R6132		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6133,34		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R6135		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6136,37		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R6138		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7302		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7303		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7304		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7305		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7306		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7307		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7308		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R7309		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R7310		ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R7311		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7312		ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R7313		ERJ6GEYJ824	M.RESISTOR CH 1/10W 820K	1	
R7314,15		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	2	
R7316		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7317		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7318		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R7321,22		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R7323		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7324		ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R7325		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R7329		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7330		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7331		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7333		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7334-37		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	4	
R7338		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7339		ERJ6GEYJ330	M.RESISTOR CH 1/10W 33	1	
R7340		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7341		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R7342		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7343,44		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R7345		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7346		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7347		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R7348		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7349		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7350		ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R7351		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7656		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7676		ERG1SJ332	M.RESISTOR 1W 3.3K	1	
R7801		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7802		ERJ6GEYJ753	M.RESISTOR CH 1/10W 75K	1	
R7803,04		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R7805		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7806		ERJ6GEYG362	M.RESISTOR CH 1/10W 3.6K	1	
R7807		ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R7851		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7852		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7860		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R8301		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R8302		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R8303,04		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R8305,06		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R8307		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R8308		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R8309		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R8310		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R8311		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R8312		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R8313		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R8314		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R8315,16		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	2	
SW3901		VSS0162	SWITCH	1	
SW3902		VSS0196	SWITCH	1	
T703		EIV5EC013A	TRANSFORMER	1	
T704		EIV5EC006A1	TRANSFORMER	1	
T710		EULBEF023	TRANSFORMER	1	
T851		ELM7Q207A	COIL	1	
T4001		EIQ7QF013Q	TRANSFORMER	1	
T7301		EIR7QG001B	IF TRANSFORMER	1	
T7302,03		EIL7QH011Q	TRANSFORMER	2	
T7304		EIS5EC007A	TRANSFORMER	1	
T7305		EIS5EC005A	TRANSFORMER	1	
VR301		EVNDRAA00B13	V.RESISTOR 1K	1	
VR302		EVND1AA00B52	V.RESISTOR 500	1	
VR303		EVN32CA00B52	V.RESISTOR 500	1	
VR701,02		EVM4LGA00B23	V.RESISTOR 2K	2	
VR741		EVNDRAA00B14	V.RESISTOR 10K	1	
VR801		EVND1AA00B14	V.RESISTOR 10K	1	
VR2001		EVNDRAA00B54	V.RESISTOR 50K	1	
VR2006		EVNDRAA00B15	V.RESISTOR 100K	1	
VR2009,10		EVND4AA00B25	V.RESISTOR 200K	2	
VR2011		EVNDRAA00B15	V.RESISTOR 100K	1	
VR2013		EVNDRAA00B23	V.RESISTOR 2K	1	
VR2018,19		EVNDRAA00B15	V.RESISTOR 100K	2	
VR3001		EVNDRAA00B23	V.RESISTOR 2K	1	
VR3301		EVN4YCA00B13	V.RESISTOR 1K	1	
VR3302		EVNDRAA00B24	V.RESISTOR 20K	1	
VR4001		EVNDRAA00B14	V.RESISTOR 10K	1	
VR4002		EVNDRAA00B25	V.RESISTOR 200K	1	
VR4004		EVNDRAA00B53	V.RESISTOR 5K	1	
VR4501		EVN3DCA00B14	V.RESISTOR 10K	1	
VR4502		EVN3ACA00B24	V.RESISTOR 20K	1	
VR4503		EVNDRAA00B23	V.RESISTOR 2K	1	
VR4505		EVND1AA00B14	V.RESISTOR 10K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
VR4507		EVN3ACA00B24	V.RESISTOR 20K	1	
VR4509		EVN3DCA00BS3	V.RESISTOR	1	
VR4510		EVN41CA00B25	V.RESISTOR 200K	1	
VR5001		EVNDRAA00B14	V.RESISTOR 10K	1	
VR5002		EVND1AA00B54	V.RESISTOR 50K	1	
VR5003		EVND4AA00B24	VARIABLE 20K	1	
VR5004,05		EVN49CA00B52	V.RESISTOR 500	2	
VR7301		EVN38CA00B14	V.RESISTOR 10K	1	
VR7326		EVN38CA00B52	V.RESISTOR 500	1	
VR7328		EVN38CA00B52	V.RESISTOR 500	1	
VR7340		EVNE4AA00B14	V.RESISTOR 10K	1	
VR7342		EVNE4AA00B53	V.RESISTOR 5K	1	
VR7344		EVNE4AA00B14	V.RESISTOR 10K	1	
VR8301		EVN4YCA00B52	V.RESISTOR 500	1	
VR8302		EVNDRAA00B13	V.RESISTOR 1K	1	
X710		EFCH38MSP4	CRYSTAL OSCILLATOR	1	
X711		EFCS5R5MW5	FILTER	1	
X715		ELB5A043	FILTER	1	
X716		EFCA31R90M1	CRYSTAL OSCILLATOR	1	31.75MHZ
X717		EFCA40R40M1	FILTER	1	
X801		VSX0162	CRYSTAL OSCILLATOR	1	
X2201		VSX0225	CRYSTAL OSCILLATOR	1	
X3301		VSX0316	CRYSTAL OSCILLATOR	1	
X3303		VSX0099	CRYSTAL OSCILLATOR	1	
X6001		VSX0306	CRYSTAL OSCILLATOR	1	
X6002		VSQ0565	SENSOR	1	
X7301,02		EFCS5R5MS5B	CRYSTAL OSCILLATOR	2	
X7303,04		EFCS5R74MS5B	CRYSTAL OSCILLATOR	2	
X7305		ELB5A016	FILTER	1	
X7851		EFOA4ROM03C2	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VSC1068	HEAT SINK PLATE	1	
		VSC1323	HEAT SINK	1	(FOR Q1001)
		ENC17966	RF CONVERTER	1	<!>
		VJH0510	RF CONVERTER JACK PLATE	1	
		VJF0442	CLAMPER	1	
		VMC0075	HEAT SINK FIX SPRING	1	(FOR IC2206)
		VSC2734	HEAT SINK	1	(FOR IC2206)
		VMZ1352	HEAT SINK COVER	1	(FOR SERVO PACK)
		VJF0368	SERVO PACK C.B.A. SUPPOTOR	2	(FOR SERVO PACK)
		VJF0368	LUMINANCE & CHROMINANCE	2	(FOR LUMI&CHRO PACK)
			PACK C.B.A. SUPPORTOR		
		VSC2908	SHIELD CASE (TOP)	1	(FOR HQ PACK)
		VSC2909	SHIELD CASE (MAIN)	1	(FOR HQ PACK)
		VSC2910	SHIELD CASE (BOTTOM)	1	(FOR HQ PACK)
		VJF0368	HQ PACK C.B.A. SUPPORTOR	2	(FOR HQ PACK)
		VJR0164	PACK PIN (10P)	4	(FOR I/O PACK)
		VEJ0899	REAR JACK	1	(FOR I/O PACK)
		VGU2707	SW KNOB	2	(FOR I/O PACK)
		ENV57846H6	TUNER	1	<!> (FOR TV DEMO.)
		VSC2713	SHIELD CASE (MAIN)	1	(FOR TV DEMO.)
		VSC2712	SHIELD CASE (TOP)	1	(FOR TV DEMO.)
		VSC2714	SHIELD CASE (BOTTOM)	1	(FOR TV DEMO.)
	■	VEP03633B	MAIN C.B.A.		<!> (NLA) NV-FS100EE
BP1003		VJP1253	CONNECTOR(MALE)	1	
BP1004		VJF0094	CONNECTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
BP3007		VJP1257	CONNECTOR(MALE)	1	
BP3008		VJP1259	CONNECTOR(MALE)	1	
			CAPACITORS		
C301		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C302-04		ECEA1CK100	E.CAPACITOR 16V 10U	3	
C305		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C306		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C307		ECEAOJU331	E.CAPACITOR 6.3V 330U	1	
C308		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C309		ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C311		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C312		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C313		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C316		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C317		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C318		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C320		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C322		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C323		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C324		ECEA1HKN2R2	E.CAPACITOR 50V 2.2U	1	
C325		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C326		ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C329		ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C330		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C331		ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C332		ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C333		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C334		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C335		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C336		ECEAOJK101U	E.CAPACITOR 6.3V 100U	1	
C337		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C338,39		ECEAOJK220	E.CAPACITOR 6.3V 22U	2	
C341		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C342		ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C344		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C345		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C346		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C348		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C349		ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C701		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C702		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C703		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C707		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	1	
C708		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C715-20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	6	
C721		ECEA1HKR27K	E.CAPACITOR 50V 0.27U	1	
C722		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C723		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C727		ECUM1H080DCN	C.CAPACITOR CH 50V 80P	1	
C728		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C731		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C734		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C739		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C740		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C742		ECUM1H030CCN	C.CAPACITOR CH 50V 3P	1	
C743		ECUM1H270RSN	C.CAPACITOR CH 50V 27P	1	
C744		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C745		ECUM1H680JFN	C.CAPACITOR CH 50V 68P	1	
C746		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C748		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C775		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C781		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C782		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C790		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C801		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C802		ECEAOJK101U	E.CAPACITOR 6.3V 100U	1	
C803,04		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C805		ECEAOJK470	E.CAPACITOR 6.3V 47U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C806		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C807		ECEAOJK221	E.CAPACITOR 6.3V 220U	1	
C808		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C810		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C811		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C812		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C813		ECEA1HFS4R7	E.CAPACITOR 50V 4.7U	1	
C814		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C815		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C816		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C817		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C819		ECEAOJK221	E.CAPACITOR 6.3V 220U	1	
C821		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C823		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C824		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C825		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C826		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C827		ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C828		ECQV1H154JZ	P.CAPACITOR 50V 0.15U	1	
C832		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C833		ECRHA020D41	TRIMMER	1	
C834		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C835		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C851		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C852		ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C853		ECEA1AFS470	E.CAPACITOR 10V 47U	1	
C854		ECQV1H563JZ	P.CAPACITOR 50V 0.056U	1	
C855		ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C856		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C859		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C1001		ECEA1AK330	E.CAPACITOR 10V 33U	1	
C1002		ECEAOJU471	E.CAPACITOR 6.3V 470U	1	
C1003		EECS5R5V473	E.CAPACITOR 5.5V 0.047	1	
C1004		ECEA1AK330	E.CAPACITOR 10V 33U	1	
C1005		ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C1006		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C1007,08		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C1009		ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C1010		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C1011		ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C1012		ECEA1HU470	E.CAPACITOR 50V 47U	1	
C1013		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1014		ECEA1VFE820	E.CAPACITOR 35V 82U	1	
C2001		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C2002		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2003		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C2201		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C2204		ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C2205		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2206		ECEAOJKS470	E.CAPACITOR 6.3V 47U	1	
C2207		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2208		ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C2209		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2210		ECQB1H332JH	P.CAPACITOR 50V 3300P	1	
C2211		ECQB1H472JH	P.CAPACITOR 50V 4700P	1	
C2212		ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C2213		ECEA1CKN4R7	E.CAPACITOR 16V 4.7U	1	
C2214		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C2215		ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C2216		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2217		ECEA1CKN4R7	E.CAPACITOR 16V 4.7U	1	
C2218		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2219		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2220		ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C2221		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2222		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C2223		ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C2224		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C2225		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C2226		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C2227,28		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C2229		ECEA1AK330	E.CAPACITOR 10V 33U	1	
C2230		ECEA1CU470	E.CAPACITOR 16V 47U	1	
C2231		VCYD1C333MR1	S.CAPACITOR 16V 0.033U	1	
C2232		ECEA1CKS470	E.CAPACITOR 16V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2233-35	ECEA1HK2R2	E.CAPACITOR 50V 2.2U	3	
C2236	VCYD1C333MR1	S.CAPACITOR 16V 0.033U	1	
C2237-39	ECQB1H333JH	P.CAPACITOR 50V 0.033U	3	
C2240	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C2241	ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C2242	ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	
C2243	ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C2244	ECSF1CE105	T.CAPACITOR 16V 1U	1	
C2245	ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C2246	ECEA10M47	E.CAPACITOR 10V 47U	1	
C2247	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C2248,49	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	2	
C2250	ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C2251	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C2262	VCYD1C333MR1	S.CAPACITOR 16V 0.033U	1	
C2263	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C2264	ECEA1EU221	E.CAPACITOR 25V 220U	1	
C2265	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C2266	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C2267,68	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	2	
C2269	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2270	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2272	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2273	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2274	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C2301	ECQV1H333JZ	P.CAPACITOR 50V 0.033U	1	
C2302	ECEA1CKS220	E.CAPACITOR 16V 22U	1	
C2303	ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C2304	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C2305	ECEA0JKS330	E.CAPACITOR 6.3V 33U	1	
C2306	ECEA0JSN220	E.CAPACITOR 6.3V 22U	1	
C2307	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C2308	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C2309	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C2310	ECEA0JKS220	E.CAPACITOR 6.3V 22U	1	
C2311	ECEA1HKS010	E.CAPACITOR 50V 1U	1	
C2312,13	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	2	
C3001	VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C3002,03	ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C3004-06	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C3012	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3013	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3014	ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3015	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3016	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3018	ECEA1AKN470	E.CAPACITOR 10V 47U	1	
C3019	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3020	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C3021	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3022	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C3023	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3024	ECEA1AU471	E.CAPACITOR 10V 470U	1	
C3025	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3026	ECEA1AU471	E.CAPACITOR 10V 470U	1	
C3028	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3031	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3032,33	ECEA1CK101	E.CAPACITOR 16V 100U	2	
C3034	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C3035	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3036	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C3037	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3038	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3039,40	ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3041,42	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3043	ECUM1H060DCN	T.CAPACITOR 50V 6P	1	
C3044	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3045	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3046	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3047	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3048	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3301	ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C3302	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C3303	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C3304	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3305	ECEA1CK101	E.CAPACITOR 16V 100U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3306	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C3307	ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3308,09	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3310,11	ECEA1CKS100	E.CAPACITOR 16V 10U	2	
C3312,13	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3314	ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C3315	ECEA1HKS4R7	E.CAPACITOR 50V 4.7U	1	
C3316	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3317	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3318	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3319	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3320	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C3321	ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C3322	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C3323	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3324	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C3325	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3351-53	ECEA1CK100	E.CAPACITOR 16V 10U	3	
C3354,55	ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3913	ECEA1CU331	E.CAPACITOR 16V 330U	1	
C3914	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3915	ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C3916-19	ECEA1CK220	E.CAPACITOR 16V 22U	4	
C4001	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4002	ECEA16M33	E.CAPACITOR 16V 33U	1	
C4003	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4004	ECQP1222JZ	P.CAPACITOR 0.0022U	1	
C4005	ECCD2H121J	C.CAPACITOR 500V 120P	1	
C4006	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C4007	ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C4008	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4009	ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C4012	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4013	ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C4014	ECUM1H122KBN	C.CAPACITOR 50V 1200P	1	
C4015	ECEA16M10	E.CAPACITOR 16V 10U	1	
C4016	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4017	ECEA10M47	E.CAPACITOR 10V 47U	1	
C4018	ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4019	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4020	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4021	ECEA1AK101	E.CAPACITOR 10V 100U	1	
C4022	ECUM1H152KBN	C.CAPACITOR CH 50V 1500P	1	
C4023	ECUM1H221JN	C.CAPACITOR CH 50V 220P	1	
C4024,25	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C4026	VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C4027	ECUM1H102JN	C.CAPACITOR CH 50V 1000P	1	
C4028	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4101	ECEA1APK101	E.CAPACITOR 10V 100U	1	
C4103	ECEA1HPK010	E.CAPACITOR 50V 1U	1	
C4104	ECEA1APK101	E.CAPACITOR 10V 100U	1	
C4106	ECEA1APK470	E.CAPACITOR 10V 47U	1	
C4107	ECEA1HPK010	E.CAPACITOR 50V 1U	1	
C4108	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C4110,11	ECEA1CK100	E.CAPACITOR 16V 10U	2	
C4112	ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C4114,15	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	2	
C4118	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4120	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4121	ECUM1H223ZFN	C.CAPACITOR CH 50V 0.022U	1	
C4122	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4123	ECUM1H221KBN	C.CAPACITOR CH 50V 220P	1	
C4124	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4125	ECQB1H102JH	P.CAPACITOR 50V 1000P	1	
C4126	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C4127-30	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	4	
C4131	ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C4201	ECQV1H333JZ	P.CAPACITOR 50V 0.033U	1	
C4202	ECQV1H563JZ	P.CAPACITOR 50V 0.056U	1	
C4203	ECQB1H682JH	P.CAPACITOR 50V 6800P	1	
C4204	ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C4205	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C4501	VCEA1VAG4R7	E.CAPACITOR 35V 4.7U	1	
C4502	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4503	ECQB1H102JA	P.CAPACITOR 50V 1000P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C4504		ECHR1H223JZ	.CAPACITOR 50V 0.022U	1	
C4505		ECQB1H682JA	P.CAPACITOR 50V 6800P	1	
C4506		VCEA1EAE100	E.CAPACITOR 25V 10U	1	
C4507		ECHR1H223JZ	.CAPACITOR 50V 0.022U	1	
C4508		VCEA1EAE4R7	E.CAPACITOR 25V 4.7U	1	
C4509		VCEA1CAH470	E.CAPACITOR 16V 47U	1	
C4510		ECHR1H103JZ	.CAPACITOR 50V 0.01U	1	
C4511		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4512		ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C4513,14		ECUM1H102JN	C.CAPACITOR CH 50V 1000P	2	
C4515		VCEA1HAG3R3	E.CAPACITOR 50V 3.3U	1	
C4516		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4517		ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4518,19		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C4520		VCEA1EAE100	E.CAPACITOR 25V 10U	1	
C4522		VCEA1HAE3R3	E.CAPACITOR 50V 3.3U	1	
C4525		ECEA1CPZ220	E.CAPACITOR 16V 22U	1	
C4526		VCEA1CAH101	E.CAPACITOR 16V 100U	1	
C4527		VCEA1AAE101	E.CAPACITOR 10V 100U	1	
C4528		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	1	
C4529		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4530		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C4531		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C4532		VCEA1CAE471	E.CAPACITOR 16V 470U	1	
C4534		VCEA1AAE101	E.CAPACITOR 10V 100U	1	
C4535		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4536		ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C4537		ECUM1H331JCN	C.CAPACITOR CH 50V 330P	1	
C4537		ECUM1H331JCN	C.CAPACITOR CH 50V 330P	1	
C4538		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4539		ECQB1H223JZ	P.CAPACITOR 50V 0.022U	1	
C4540-42		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C4543		ECUM1H122JN	C.CAPACITOR 50V 1200P	1	
C4551		VCEA1EAG4R7	E.CAPACITOR 25V 4.7U	1	
C4552		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4553		ECQB1H102JA	P.CAPACITOR 50V 1000P	1	
C4554		ECHR1H223JZ	.CAPACITOR 50V 0.022U	1	
C4555		ECQB1H682JA	P.CAPACITOR 50V 6800P	1	
C4556		VCEA1EAE100	E.CAPACITOR 25V 10U	1	
C4557		ECHR1H223JZ	.CAPACITOR 50V 0.022U	1	
C4558		VCEA1EAE4R7J	E.CAPACITOR 25V 4.7U	1	
C4559		VCEA1CAH470	E.CAPACITOR 16V 47U	1	
C4560		ECHR1H103JZ	.CAPACITOR 50V 0.01U	1	
C4561		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4562		ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C4563,64		ECUM1H102JN	C.CAPACITOR CH 50V 1000P	2	
C4565		VCEA1EAG3R3	E.CAPACITOR 25V 3.3U	1	
C4566		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4567		ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4568,69		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C4570		VCEA1EAE100	E.CAPACITOR 25V 10U	1	
C4572		VCEA1HAE3R3	E.CAPACITOR 50V 3.3U	1	
C4574,75		ECEA1HK010	E.CAPACITOR 50V 1U	2	
C4593		ECUM1H122JN	C.CAPACITOR 50V 1200P	1	
C4903,04		ECUM1H101KN	C.CAPACITOR CH 50V 100P	2	
C4907,08		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
C4909,10		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C4911,12		ECUM1H101KN	C.CAPACITOR CH 50V 100P	2	
C4913,14		ECQB1H682JH	P.CAPACITOR 50V 6800P	2	
C4915,16		ECQB1H183JH	P.CAPACITOR 50V 0.018U	2	
C4918		VCEA1HAC3R3	E.CAPACITOR 50V 3.3U	1	
C4920,21		VCEA1CAD100	E.CAPACITOR 16V 10U	2	
C4922		VCEA1AAC221	E.CAPACITOR 10V 220U	1	
C4923		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4924-26		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	3	
C4927		VCEA1AAC101	E.CAPACITOR 10V 100U	1	
C4928		VCEA1CAC101	E.CAPACITOR 16V 100U	1	
C4929		VCEA1VAC470	E.CAPACITOR 35V 47U	1	
C4930,31		VCEA1HAC010	E.CAPACITOR 50V 1U	2	
C4932		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4933		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4936		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C5001		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5002		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C5003		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C5004		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C5005		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5006		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C5007		ECUM1H391JN	C.CAPACITOR CH 50V 390P	1	
C5008		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5009		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C5010		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C5011		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5012		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C5013		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C5014		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C5015,16		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C5017		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C5018-20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C5021		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C5022		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5023		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C5024		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C5025		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5026		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C5027,28		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C5030		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C5031		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5032		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C5033		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5035		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C5036		ECUM1H271KBN	C.CAPACITOR CH 50V 270P	1	
C5037		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5038		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C5039		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C5040		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5041		ECUM1H080DCN	C.CAPACITOR CH 50V 80P	1	
C5042		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C6001		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6002		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C6003		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6004		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C6005		ECUM1H151KBN	C.CAPACITOR CH 50V 150P	1	
C6006		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C6007		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6008		ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C6010,11		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	2	
C6012		ECEA1AK330	E.CAPACITOR 10V 33U	1	
C6013,14		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C6015		ECUM1H102ZFN	C.CAPACITOR CH 50V 1000P	1	
C6016		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6017		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6018,19		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C6020-23		ECUM1H271KBN	C.CAPACITOR CH 50V 270P	4	
C6024-28		ECUM1H221KBN	C.CAPACITOR CH 50V 220P	5	
C6029		ECEA0JU331	E.CAPACITOR 6.3V 330U	1	
C6030		ECEA1CU222	E.CAPACITOR 16V 2200U	1	
C6033		ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C6034		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C6037,38		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	2	
C6039		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C6041		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6043		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6044		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6045		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6046		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C6047		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C7302		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7303		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7304		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7305		ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	
C7306		ECQB1H102KH	P.CAPACITOR 50V 1000P	1	
C7307		ECQB1H822KH	P.CAPACITOR 50V 8200P	1	
C7308		ECQB1H102KH	P.CAPACITOR 50V 1000P	1	
C7309		ECQB1H152JH	P.CAPACITOR 50V 1500P	1	
C7310		ECEA16Z10	E.CAPACITOR 16V 10U	1	
C7311		ECEA50ZR47	E.CAPACITOR 50V 0.47U	1	
C7312		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7313		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7314		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7315	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7316	ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7317	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C7318	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7319	ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C7320,21	ECEA1CK100	E.CAPACITOR 16V 10U	2	
C7322	ECEA1CK220	E.CAPACITOR 16V 22U	1	
C7323,24	ECQB1H223JH	P.CAPACITOR 50V 0.022U	2	
C7325	ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C7331	ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C7332,33	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	2	
C7334	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7335	ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C7336	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7337	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C7338	ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C7339	ECQB1H103KH	P.CAPACITOR 50V 0.01U	1	
C7340	ECUM1H390JPN	C.CAPACITOR CH 50V 39P	1	
C7341	ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C7342	ECQB1H183JH	P.CAPACITOR 50V 0.018U	1	
C7343	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7344	ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C7345	ECQB1H103KH	P.CAPACITOR 50V 0.01U	1	
C7346	ECUM1H390JPN	C.CAPACITOR CH 50V 39P	1	
C7347	ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C7348	ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7651	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7653	ECQB1H332JH	P.CAPACITOR 50V 3300P	1	
C7668	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7672	ECEA1HKS010	E.CAPACITOR 50V 1U	1	
C7685	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7801	ECUM1H102JN	C.CAPACITOR CH 50V 1000P	1	
C7802	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C7803	ECQB1H472JH	P.CAPACITOR 50V 4700P	1	
C7804	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7805	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C7806	ECQB1H333JH	P.CAPACITOR 50V 0.033U	1	
C7815	VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C7816	ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C7851	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7852	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C7853,54	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	2	
C7855,56	ECEA1HK010	E.CAPACITOR 50V 1U	2	
C7860	ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C8301,02	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C8303	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C8304,05	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C8306	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C8307,08	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C8309	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C8310	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C8311	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C8312	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C8313	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C8314	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C8315	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
D710	MA3100L	DIODE	1	
D773	11ES1	DIODE	1	
D801	MA151K	DIODE	1	
D802	MA151WA	DIODE	1	
D803	MA151K	DIODE	1	
D1001	AK04	DIODE	1	
D1003,04	MA723	DIODE	2	
D1005	MA165	DIODE	1	
D1010,11	MA165	DIODE	2	
D1012	MA154WK	DIODE	1	
D1014	MA154WK	DIODE	1	
D1015	MA165	DIODE	1	
D2201-04	MA165	DIODE	4	
D2205	MA4056M	DIODE	1	
D2212	MA165	DIODE	1	
D2216,17	MA165	DIODE	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D2301-04	MA165	DIODE	4	
D2306,07	MA165	DIODE	2	
D3001-03	MA165	DIODE	3	
D3004	MA723	DIODE	1	
D3006	MA165	DIODE	1	
D3008,09	MA165	DIODE	2	
D3301	MA151K	DIODE	1	
D3302	MA3091M	DIODE	1	
D3306	MA151K	DIODE	1	
D3901,02	MA165	DIODE	2	
D4003	MA165	DIODE	1	
D4101	MA165	DIODE	1	
D4103,04	MA165	DIODE	2	
D4202	MA165	DIODE	1	
D4501	MA151WK	DIODE	1	
D5001	MA151K	DIODE	1	
D6001	MA165	DIODE	1	
D6003,04	MA165	DIODE	2	
D6005	11ES1	DIODE	1	
D6007-16	MA165	DIODE	10	
D6017	MA4091M	DIODE	1	
D6019-22	MA165	DIODE	4	
D6025	AK04	DIODE	1	
D6026	MA165	DIODE	1	
D6027	MA4075M	DIODE	1	
D6029	MA154WK	DIODE	1	
D6032	MA165	DIODE	1	
D6033	MA723	DIODE	1	
D6035-38	MA156	DIODE	4	
D7302	MA151A	DIODE	1	
D7303	MA28WA	DIODE	1	
D7672	MA3300H	DIODE	1	
D7851	MA151K	DIODE	1	
D8301	MA151K	DIODE	1	
D8303	MA151WK	DIODE	1	
DL801	VLD0147	DELAY	1	
DL8301	VLD0089	DELAY	1	
FL301	ELB4L121	FILTER	1	
FL302	VLF0499	FILTER	1	
FL303	VLF0639	FILTER	1	
FL304	ELB4M022	FILTER	1	
FL801	VLF0299	FILTER	1	
FL851	VLF0143	FILTER	1	
FL3301	VLF0413	FILTER	1	
FL3302	ELB4R049	FILTER	1	
FL4501,02	VLF0406	FILTER	2	
FL4503	VLF0697	FILTER	1	
FL5001	ELB5A066	FILTER	1	
FL5002	ELB4K114	FILTER	1	
FL5003	ELB4R031	FILTER	1	
FL5004	ELB4K114	FILTER	1	
IC301	VEFH07C	IC	1	
IC302	M52055FP	IC	1	
IC303	VEFH05BT	IC	1	
IC304	NJM2233BMA	IC	1	
IC701	M51366SP	IC	1	
IC801	VCR0284	IC	1	
IC851	BA7025L	IC	1	
IC2201	AN3726K	IC	1	
IC2202	MN4013BS	IC	1	
IC2203	MN1280R	IC	1	
IC2204	MN4052BS	IC	1	
IC2205	MN6742VCWK	IC	1	
IC2206	BA6435S	IC	1	
IC2301	LM358PS	IC	1	
IC2302	MN4066BS	IC	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
IC2303		UPC393G2	IC	1	
IC3001		M52055FP	IC	1	
IC3002		VCR0281	IC	1	
IC3301		AN3495K	IC	1	
IC3302		MSM6871RS	IC	1	
IC3307		BA7004	IC	1	
IC3901		M51292FP	IC	1	
IC4001		BA7766AS	IC	1	
IC4101		RC4560DD	IC	1	
IC4501		BA7700K1	IC	1	
IC4502		UPC78L05J	IC	1	
IC4901		M51293FP	IC	1	
IC4902		UPC78L06J	IC	1	
IC4903		AN79N06	IC	1	
IC5001		M52054SP	IC	1	
IC5002		AN6308S	IC	1	
IC6001		MN188166VHS	IC	1	
IC6002		MN1280R	IC	1	
IC6003		MC14011BF	IC	1	
IC6004		LM339N	IC	1	
IC6005		AN6609N	IC	1	
IC6006		LM393PS	IC	1	
IC6007		MC14519BF	IC	1	
IC7301		TDA3803A	IC	1	
IC7302,03		AN5215	IC	2	
IC7801		SAA4700	IC	1	
IC7851		MN158413VHW	IC	1	
IC7852		MN1280S	IC	1	
L302		VLQEL06F101K	COIL 100UH	1	
L303		VLQEL05F680K	COIL 68UH	1	
L304		VLQEL05F560K	COIL 56UH	1	
L305-08		VLQEL05F101K	COIL 100UH	4	
L310		VLQEL05F220K	COIL 22UH	1	
L701,02		ELESP680KA	COIL 68UH	2	
L711		ELQTR68XB	COIL 0.68UH	1	
L712		VLQ0305J1R2	COIL 1.2UH	1	
L714		VLQ0305J1R2	COIL 1.2UH	1	
L715		VLQ0213K680	COIL 68UH	1	
L716		ELESP560KA	COIL 56H	1	
L717,18		ELESP680KA	COIL 68UH	2	
L719		ELESP120KA	COIL 12UH	1	
L781		ELESP680KA	COIL 68UH	1	
L801-03		VLQEL05F101K	COIL 100UH	3	
L805		VLQEL05F101K	COIL 100UH	1	
L806		VLQEL05F150K	COIL 15UH	1	
L809,10		VLQEL05F681K	COIL 680UH	2	
L811		VLQEL05F331K	COIL 330UH	1	
L812		VLQEL05F470K	COIL 47UH	1	
L814		VLQEL05F330J	COIL 33UH	1	
L851		VLQEL05F101K	COIL 100UH	1	
L1010		VLQEL05F102K	COIL 1000UH	1	
L2002		VLP0085	COIL	1	
L2201-03		VLQEL05F101K	COIL 100UH	3	
L2204		VLQEL05F102K	COIL 1000UH	1	
L3005		VLQEL05F151K	COIL 150UH	1	
L3006		VLQEL05F820K	COIL 82UH	1	
L3007,08		VLQEL05F101K	COIL 100UH	2	
L3009		VLQ0398	COIL	1	
L3010		VLQEL05F681K	COIL 680UH	1	
L3301-03		VLQEL05F101K	COIL 100UH	3	
L3309		VLQEL05F101K	COIL 100UH	1	
L3312		VLQEL05F101K	COIL 100UH	1	
L4002		VLQEL05F471K	COIL 470UH	1	
L4102		VLQEL05F1R0K	COIL 1UH	1	
L4104		VLQEL05F101K	COIL 100UH	1	
L4105		VLP0085	COIL	1	
L4201		VLQEL07F153J	COIL 15MH	1	
L4501,02		VLQEL05F101K	COIL 100UH	2	
L4901-04		VLQEL05F102K	COIL 1000UH	4	
L4905,06		VLQEL05F101K	COIL 100UH	2	
L4907		VLQ0407102K	COIL	1	
L5001		VLQEL05F101K	COIL 100UH	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
L5002		VLQEL05F181K	COIL 180UH	1	
L5003		VLQEL05F270K	COIL 27UH	1	
L5004,05		VLQEL05F5R6K	COIL 5.6UH	2	
L5006		VLQEL05F120K	COIL 12UH	1	
L5007		VLQEL05F101K	COIL 100UH	1	
L5008		VLQEL05F100K	COIL 10UH	1	
L5009		VLQEL05F100K	COIL 10UH	1	
L5010		VLQEL05F220K	COIL 22UH	1	
L5012,13		VLQEL05F101K	COIL 100UH	2	
L7301		ELESP102KA	COIL 1000UH	1	
L7302		ELESP680KA	COIL 68UH	1	
L7304		VTQ0014	COIL	1	
L8301		VLQEL05F101K	COIL 100UH	1	
L8302,03		VLQEL05F150K	COIL 15UH	2	
L8304		VLQEL05F270K	COIL 27UH	1	
L8305		VLQEL05F151K	COIL 150UH	1	
P1001		VJP2593	CONNECTOR(MALE)	1	
P1253		VJH1230T	CONNECTOR	1	
P2001		VJP1242T	CONNECTOR(MALE) 2P	1	
P2002		VJF0093	CONNECTOR	1	
P2201		VJP1245T	CONNECTOR(MALE) 5P	1	
P2203		VJP1148	CONNECTOR(MALE)	1	
P3001		VJP1237T	CONNECTOR(MALE) 10P	1	
P3002		VJP1235T	CONNECTOR(MALE) 8P	1	
P3003		VJP1237T	CONNECTOR(MALE) 10P	1	
P3201		VJP1244T	CONNECTOR(MALE) 4P	1	
P4001		VJP1231T	CONNECTOR(MALE) 4P	1	
P4002		VJP1236T	CONNECTOR(MALE) 9P	1	
P4003		VJP1236T	CONNECTOR(MALE) 9P	1	
P4004		VJP1229T	CONNECTOR(MALE) 2P	1	
P4005		VJP1188T	CONNECTOR(MALE)	1	
P4901		VJP1242T	CONNECTOR(MALE) 2P	1	
P6003		VJP1932T	CONNECTOR(MALE)	1	
P7405		VJS2571A010	CONNECTOR	1	
PK2201		VJP1865	CONNECTOR(MALE)	1	
PK2201		VJS1865	CONNECTOR(FEMALE)	1	
PK2202		VJP1865	CONNECTOR(MALE)	1	
PK2202		VJS1865	CONNECTOR(FEMALE)	1	
PK2203		VJP1861	CONNECTOR(MALE)	1	
PK2203		VJS1861	CONNECTOR(FEMALE)	1	
PK2204		VJP1859	CONNECTOR(MALE)	1	
PK2204		VJS1859	CONNECTOR(FEMALE)	1	
PK3011		VJP1862	CONNECTOR(MALE)	1	
PK3011		VJS1862	CONNECTOR(FEMALE)	1	
PK3012		VJP1862	CONNECTOR(MALE)	1	
PK3012		VJS1862	CONNECTOR(FEMALE)	1	
PK3013		VJP1861	CONNECTOR(MALE)	1	
PK3013		VJS1861	CONNECTOR(FEMALE)	1	
PK3021		VJP1858	CONNECTOR(MALE)	1	
PK3021		VJS1858	CONNECTOR(FEMALE)	1	
PK3022		VJP1865	CONNECTOR(MALE)	1	
PK3022		VJS1865	CONNECTOR(FEMALE)	1	
Q301		2SD601	TRANSISTOR CHIP	1	
Q302		2SC2295	TRANSISTOR	1	
Q703		2SD601	TRANSISTOR	1	(S,T)
Q710		2SC2377	TRANSISTOR	1	(C,D)
Q712		2SD638	TRANSISTOR	1	
Q771		2SD601	TRANSISTOR CHIP	1	
Q801		2SB709	TRANSISTOR CHIP	1	
Q804		2SD601	TRANSISTOR CHIP	1	
Q1001		2SC4024	TRANSISTOR	1	
Q1002		2SD601	TRANSISTOR CHIP	1	
Q1003		2SD601A	TRANSISTOR	1	
Q1004		2SD1330	TRANSISTOR	1	
Q1005		2SD1330	TRANSISTOR	1	(S)

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
Q2201		2SD601	TRANSISTOR CHIP	1	
Q2202		2SC2295	TRANSISTOR	1	
Q2203		2SD602	TRANSISTOR CHIP	1	
Q2204-09		2SD601	TRANSISTOR CHIP	6	
Q2301		2SD601	TRANSISTOR CHIP	1	
Q3001		2SD602	TRANSISTOR	1	
Q3003		2SC2295	TRANSISTOR	1	
Q3004		2SB709	TRANSISTOR CHIP	1	
Q3005-07		2SD601	TRANSISTOR CHIP	3	
Q3008		2SC2295	TRANSISTOR	1	
Q3009		2SB709	TRANSISTOR	1	(S)
Q3301-04		2SC2295	TRANSISTOR	4	
Q3310		2SC2295	TRANSISTOR	1	
Q4001		2SD639	TRANSISTOR	1	(R)
Q4103		2SD1328	TRANSISTOR	1	
Q4201-05		2SD1306	TRANSISTOR	5	
Q4502,03		2SD1306	TRANSISTOR	2	
Q4504		2SD601	TRANSISTOR CHIP	1	
Q5001		2SC2295	TRANSISTOR	1	
Q5002,03		2SD601	TRANSISTOR CHIP	2	
Q5004,05		2SC2295	TRANSISTOR	2	
Q5006		2SB709	TRANSISTOR CHIP	1	
Q5007-13		2SC2295	TRANSISTOR	7	
Q5014		2SB709	TRANSISTOR CHIP	1	
Q5015		2SC2295	TRANSISTOR	1	
Q5016		2SC2295	TRANSISTOR	1	
Q6002		2SB790	TRANSISTOR	1	(R,S)
Q6003		2SB709	TRANSISTOR CHIP	1	
Q6004		2SB790	TRANSISTOR	1	(R,S)
Q6006		2SD893	TRANSISTOR	1	
Q6007		2SD973	TRANSISTOR	1	
Q6008		2SD636	TRANSISTOR	1	
Q6011		2SD1856	TRANSISTOR	1	
Q6012		2SD636	TRANSISTOR	1	
Q6013-15		2SD601	TRANSISTOR CHIP	3	
Q6017		2SD601	TRANSISTOR CHIP	1	
Q7301		2SD601	TRANSISTOR	1	(S,T)
Q7302		2SD1328	TRANSISTOR	1	
Q7303		2SD1328	TRANSISTOR	1	
Q7304,05		2SD601	TRANSISTOR CHIP	2	
Q7306		2SC2404	TRANSISTOR CHIP	1	(C,D)
Q7307		2SD1328	TRANSISTOR	1	
Q8301		2SD601	TRANSISTOR CHIP	1	
Q8302		2SC2295	TRANSISTOR	1	
QR301-04		UN2213	TRANSISTOR-RESISTOR	4	
QR305		UN2110	TRANSISTOR-RESISTOR	1	
QR307		UN2213	TRANSISTOR-RESISTOR	1	
QR310,11		UN2213	TRANSISTOR-RESISTOR	2	
QR701,02		UN2213	TRANSISTOR-RESISTOR	2	
QR711,12		UN2212	TRANSISTOR-RESISTOR	2	
QR801-05		UN2213	TRANSISTOR-RESISTOR	5	
QR806		UN2113	TRANSISTOR-RESISTOR	1	
QR1001		UN2211	TRANSISTOR-RESISTOR	1	
QR1002		UN2213	TRANSISTOR-RESISTOR	1	
QR1006		UN2211	TRANSISTOR-RESISTOR	1	
QR2001		UN2211	TRANSISTOR-RESISTOR	1	
QR2201,02		UN2117	TRANSISTOR-RESISTOR	2	
QR2206-09		UN2213	TRANSISTOR-RESISTOR	4	
QR2210		UN2212	TRANSISTOR-RESISTOR	1	
QR2213		UN2112	TRANSISTOR-RESISTOR	1	
QR2214		UN2213	TRANSISTOR-RESISTOR	1	
QR2215		UN2113	TRANSISTOR-RESISTOR	1	
QR2301		UN2213	TRANSISTOR-RESISTOR	1	
QR2302		UN2113	TRANSISTOR-RESISTOR	1	
QR2303-06		UN2213	TRANSISTOR-RESISTOR	4	
QR2307		UN2113	TRANSISTOR-RESISTOR	1	
QR3001,02		UN2213	TRANSISTOR-RESISTOR	2	
QR3003,04		UN2111	TRANSISTOR-RESISTOR	2	
QR3005		UN2213	TRANSISTOR-RESISTOR	1	
QR3006		UN2212	TRANSISTOR-RESISTOR	1	
QR3007		UN2214	TRANSISTOR-RESISTOR	1	
QR3008		UN2111	TRANSISTOR-RESISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
QR3009		UN2213	TRANSISTOR-RESISTOR	1	
QR3012		DTC363EK	TRANSISTOR-RESISTOR	1	
QR3013		UN211D	TRANSISTOR-RESISTOR	1	
QR3014		UN2211	TRANSISTOR-RESISTOR	1	
QR3301-03		UN2213	TRANSISTOR-RESISTOR	3	
QR3901		UN2213	TRANSISTOR-RESISTOR	1	
QR3902		UN2113	TRANSISTOR-RESISTOR	1	
QR4001		UN2213	TRANSISTOR-RESISTOR	1	
QR4101		UN2213	TRANSISTOR-RESISTOR	1	
QR4102		UN2113	TRANSISTOR-RESISTOR	1	
QR4103,04		UN2112	TRANSISTOR-RESISTOR	2	
QR4105		UN2213	TRANSISTOR-RESISTOR	1	
QR4501,02		UN2213	TRANSISTOR-RESISTOR	2	
QR5001-04		DTC363EK	TRANSISTOR-RESISTOR	4	
QR5006		UN2213	TRANSISTOR-RESISTOR	1	
QR6003,04		UN2213	TRANSISTOR-RESISTOR	2	
QR6005-09		UN2211	TRANSISTOR-RESISTOR	5	
QR6010		UN2213	TRANSISTOR-RESISTOR	1	
QR6011		UN2211	TRANSISTOR-RESISTOR	1	
QR6013		UN2111	TRANSISTOR-RESISTOR	1	
QR6014		UN2113	TRANSISTOR-RESISTOR	1	
QR6015-17		UN2213	TRANSISTOR-RESISTOR	3	
QR6018		UN2113	TRANSISTOR-RESISTOR	1	
QR6019,20		UN2213	TRANSISTOR-RESISTOR	2	
QR6021		UN2113	TRANSISTOR-RESISTOR	1	
QR6022		UN2111	TRANSISTOR-RESISTOR	1	
QR6024		UN2113	TRANSISTOR-RESISTOR	1	
QR6025		UN2212	TRANSISTOR-RESISTOR	1	
QR6027		UN2213	TRANSISTOR-RESISTOR	1	
QR6028-31		UN2212	TRANSISTOR-RESISTOR	4	
QR7301,02		UN2214	TRANSISTOR-RESISTOR	2	
QR7312-14		UN2211	TRANSISTOR-RESISTOR	3	
QR7851		UN2211	TRANSISTOR-RESISTOR	1	
QR7852		UN2213	TRANSISTOR-RESISTOR	1	
			RESISTORS		
R302		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R306		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R307		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R308		ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R309		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R310		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R312		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R313		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R314		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R315		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R316		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R317		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R318		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R319		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R320,21		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R322		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R323-25		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	3	
R326		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R327		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R328		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R330		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R331		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R332		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R337		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R338		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R339		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R340		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R341		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R712		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R713		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R714		ERD2FCG330	C.RESISTOR 2W 33	1	
R715		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R716		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R717		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R718		ERJ6GEYJ754	M.RESISTOR CH 1/10W 750K	1	
R719,20		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	2	
R721		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R722		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R723		ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R724		ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R725		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R726		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R727		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R728		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R737		ERJ6GEYJ274	M.RESISTOR CH 1/10W 270K	1	
R738		ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R740		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R741		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R743		ERJ6GEYJ470	M.RESISTOR CH 1/10W 47	1	
R744		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R745		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R746		ERDS2TJ181	C.RESISTOR 1/4W 180	1	
R747		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R750		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R759		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R772		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773		ERJ6GEYJ124	M.RESISTOR CH 1/10W 120K	1	
R774		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R781		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R782		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R792		ERDS2TJ120	C.RESISTOR 1/4W 12	1	
R795		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R801		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R802		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R803		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R808		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R809,10		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	2	
R811		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R812		ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R813		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R814		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R815		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R816		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R817		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R818		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R819		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R820		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R821		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R825		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R826		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R827		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R851		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R852		ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R853		ERJ6GEYJ154	M.RESISTOR CH 1/10W 150K	1	
R854		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R855		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R856		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1002		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R1003		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R1004		ERDS2TJ333	C.RESISTOR 1/4W 33K	1	
R1005		ERDS1TJ822	C.RESISTOR 1/2W 8.2K	1	
R1006		ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R1007		ERJ6GMYG912	M.RESISTOR CH 1/10W 9.1K	1	
R1008		ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R1009		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1010		ERJ6GMYG682	M.RESISTOR CH 1/10W 6.8K	1	
R1011		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R1012		ERG2ANJ681	M.RESISTOR 2W 680	1	
R1013		ERG2ANJ821	M.RESISTOR 2W 820	1	
R2001		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R2002		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R2005		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R2006		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2007		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2201		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2202		ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R2203		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R2204		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2205		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2206		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2207		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R2208		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R2209		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R2210		ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R2211-13		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	3	
R2214		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R2215,16		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R2217		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2218		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R2219		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2220		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2221		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R2222		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2223,24		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R2225		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R2226		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R2227		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2228		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R2229-33		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	5	
R2236		ERJ6GMYG362	M.RESISTOR CH 1/10W 3.6K	1	
R2237		ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1	
R2238,39		ERDS2TJ330	C.RESISTOR 1/4W 33	2	
R2240		ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R2241,42		ERDS2TJ330	C.RESISTOR 1/4W 33	2	
R2243		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2244		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2245		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R2246		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2247		ERJ6GMYG334	M.RESISTOR CH 1/10W 330K	1	
R2248		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2249		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2250		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2251		ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R2252		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2253,54		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	2	
R2255		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R2256		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2257		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R2258		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2259		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R2260		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2261		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R2266		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2288		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R2289		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2290		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2292		ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2301		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2302		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2303		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R2304		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2305		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2306		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R2307,08		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	2	
R2309		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2310		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R2311		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2312		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R2313		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R2314		ERJ6GMYJ684	M.RESISTOR CH 1/10W 680K	1	
R2315		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R2316		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R2317		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2318		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R2319		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2320		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2321		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2322		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R2323		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R2324-26		ERJ6GMYG223	M.RESISTOR CH 1/10W 22K	3	
R2327		ERJ6GMYG273	M.RESISTOR CH 1/10W 27K	1	
R2328		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2329		ERJ6GMYG823	M.RESISTOR CH 1/10W 82K	1	
R2330,31		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2332,33		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	2	
R2334		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2335		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R2336		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R3001		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3002		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3003		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3004		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3011		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3012		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3013		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3014		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3015		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3017		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3018-20		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	3	
R3024		ERJ6GMY0R00	M.RESISTOR CH 1/10W 0.00	1	
R3025,26		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R3029		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3030		ERJ6GMYG222	M.RESISTOR CH 1/10W 2.2K	1	
R3031		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3032		ERDS2TJ271	C.RESISTOR 1/4W 270	1	
R3033,34		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R3035		ERJ6GMYG202	M.RESISTOR CH 1/10W 2K	1	
R3036		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3037-39		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R3040		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R3041		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3042		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3043		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3044,45		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R3046-48		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R3049		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3050		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3051,52		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R3053		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R3054,55		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R3056		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3301		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3302		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3303		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3304		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R3305		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3306		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3307		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3308		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3309		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3310		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3311		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R3312		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R3313		ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	1	
R3314		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3315		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3316		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3317		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3318		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3319		ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R3320		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3321		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3344		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3345		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3346,47		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R3348		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3349,50		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	2	
R3901,02		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	2	
R3908		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R3909-16		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	8	
R3919,20		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	2	
R3921		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3922		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3923		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3924		ERD2FCG220	C.RESISTOR 2W 22	1	
R3925		ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R4001		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R4002		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4003		ERJ6GMYJ203	M.RESISTOR CH 1/10W 2K	1	
R4004,05		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R4007		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4008		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R4009		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4010		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4012		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4013		ERJ6GMYJ394	M.RESISTOR CH 1/10W 390K	1	
R4014		ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R4015		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4016		ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R4017		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4018		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4020		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4021		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R4022		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4023		ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R4024,25		ERJ6GMYG104	M.RESISTOR CH 1/10W 100K	2	
R4026		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4027		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4030		ERJ6GMYJ512	M.RESISTOR CH 1/10W 5.1K	1	
R4031		ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4035		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R4044		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R4101		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4104		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4105,06		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R4107		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4108		ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4109		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4110		EROS2CKG2403	M.RESISTOR 1/4W 240K	1	
R4111		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4112		ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4113,14		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	2	
R4115		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4116		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4117		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4118		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4121		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4123		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4201		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4202		ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4203		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R4204		ERJ6GEYJ121	M.RESISTOR CH 1/10W 120	1	
R4205		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R4206		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R4207		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4208-13		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	6	
R4501		ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1	
R4502		ERJ6GMYG681	M.RESISTOR CH 1/10W 680	1	
R4503		ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1	
R4504		VRE0034E112	.RESISTOR 1/4W 1.1K	1	
R4505		ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4506		ERJ6GMYG183	M.RESISTOR CH 1/10W 18K	1	
R4507		ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4508		ERJ6GMYG104	M.RESISTOR CH 1/10W 100K	1	
R4510		ERJ6GMYG561	M.RESISTOR CH 1/10W 560	1	
R4511		ERJ6GMYG303	M.RESISTOR CH 1/10W 30K	1	
R4512		VRE0034E113	.RESISTOR 1/16W 11K	1	
R4513		ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4514		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4515		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4516		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4517		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4520		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4521		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4522		ERJ6GMYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R4523		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4525,26		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R4527		VRE0034E104	.RESISTOR 1/4W 100K	1	
R4528		VRE0034E393	.RESISTOR 1/4W 39K	1	
R4529		ERJ6GEYG123	M.RESISTOR CH 1/10W 12K	1	
R4530		ERJ6GMYJ334	M.RESISTOR CH 1/10W 330K	1	
R4533		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4535		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4536		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R4537		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4539		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4540		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R4541		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R4551		ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1	
R4552		ERJ6GMYG681	M.RESISTOR CH 1/10W 680	1	
R4553		ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1	
R4554		VRE0034E112	.RESISTOR 1/4W 1.1K	1	
R4555		ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4556		ERJ6GMYG183	M.RESISTOR CH 1/10W 18K	1	
R4557		ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4558		ERJ6GMYG104	M.RESISTOR CH 1/10W 100K	1	
R4560		ERJ6GMYG561	M.RESISTOR CH 1/10W 560	1	
R4561		ERJ6GMYG303	M.RESISTOR CH 1/10W 30K	1	
R4562		VRE0034E912	.RESISTOR 1/4W 9.1K	1	
R4563		VRE0034E49B	.RESISTOR 1/4W 49	1	
R4564		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4565		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4566		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R4567		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R4570,71		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	2	
R4573		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4574		ERJ6GMYJ270	M.RESISTOR CH 1/10W 27	1	
R4575		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4576		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4577		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4902,03		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R4908,09		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	2	
R4910,11		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R4912,13		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	2	
R4916,17		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R4924		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R4925		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4926		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R4927		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4928		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4929,30		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R4931		ERJ6GEYJ183	M.RESISTOR CH 1/10W 18OK	1	
R4932		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4933		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4934		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R4935		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R4936		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4937		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R4938		ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R4939		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4940		ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R4941		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4943-46		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	4	
R5001		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R5002		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R5003-05		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	3	
R5006		ERJ6GEYJ183	M.RESISTOR CH 1/10W 18OK	1	
R5007		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R5008		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R5009		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R5010		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R5011		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R5012-14		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	3	
R5015		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R5016		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R5017		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R5018		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R5019		ERJ6GEYJ561	M.RESISTOR CH.1/10W 560	1	
R5020		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R5021		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R5022		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R5023		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R5024		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R5025		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R5026		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R5027		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R5028		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R5029		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R5030		ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R5031		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R5033-35		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R5036,37		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R5038		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R5039		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R5040		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R5041		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R5042		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R5043		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R5044		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R5045		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R5046-48		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	3	
R5049		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R5050		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R5051		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R5052		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R5053		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R5054		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R5055,56		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R5057		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R5058		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R6001		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6005		ERDS2TJ152	C.RESISTOR 1/4W 1.5K	1	
R6006,07		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R6008		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6009		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6010,11		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R6016		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6017		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6018		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6019		ERJ6GMYJ121	M.RESISTOR CH 1/10W 120	1	
R6020		ERG2SJ150	M.RESISTOR 2W 15	1	
R6021		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6023		ERD2FCVG220	C.RESISTOR 2W 22	1	
R6028		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6029		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6030		ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R6031		ERJ6GMYG242	M.RESISTOR CH 1/10W 2.4K	1	
R6032		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6033		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6034		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6035		ERSF3OJR90	M.RESISTOR 0.9	1	
R6036		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6038		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6039,40		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	2	
R6042		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6043,44		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6045,46		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R6047		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6048-50		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	3	
R6051,52		ERJ6GMYJ564	M.RESISTOR CH 1/10W 560K	2	
R6054		ERJ6GMYK395	M.RESISTOR CH 1/10W 3.9M	1	
R6055		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6056		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R6057		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R6058		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6059		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R6060		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6061		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6062,63		ERJ6GMYJ564	M.RESISTOR CH 1/10W 560K	2	
R6064-66		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	3	
R6067		ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R6068		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6069		ERJ6GMYK395	M.RESISTOR CH 1/10W 3.9M	1	
R6071		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6072		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6073-75		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	3	
R6076		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6077,78		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R6079		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6080		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R6081,82		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6083		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R6084		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6085		ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6087		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6088		ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6089		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R6090		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6091		ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R6092		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R6093		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R6094-98		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	5	
R6101		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6102		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6105		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6106		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6107,08		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R6109		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6110		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6111		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6112		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6113		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6114		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R6115		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6119-22		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	4	
R6123		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R6128,29		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R6130,31		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	2	
R6132		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6133,34		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R6135		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6136,37		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R6138		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7302		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7303		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7304		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7305		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7306		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7307		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7308		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R7309		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R7310		ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R7311		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7312		ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R7313		ERJ6GEYJ824	M.RESISTOR CH 1/10W 820K	1	
R7314,15		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	2	
R7316		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7317		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7318		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R7321,22		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R7323		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7324		ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R7325		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R7329		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7330		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7331		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7333		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7334-37		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	4	
R7338		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7339		ERJ6GEYJ330	M.RESISTOR CH 1/10W 33	1	
R7340		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7341		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R7342		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7343,44		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R7345		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7346		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7347		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R7348		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7349		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7350		ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R7351		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7656		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7676		ERG1SJ332	M.RESISTOR 1W 3.3K	1	
R7801		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7802		ERJ6GEYJ753	M.RESISTOR CH 1/10W 75K	1	
R7803,04		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R7805		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7806		ERJ6GEYG362	M.RESISTOR CH 1/10W 3.6K	1	
R7807		ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R7851		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7852		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7860		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R8301		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R8302		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R8303,04		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R8305,06		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R8307		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R8308		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R8309		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R8310		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R8311		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R8312		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R8313		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R8314		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R8315,16		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	2	
SW3901		VSS0162	SWITCH	1	
SW3902		VSS0196	SWITCH	1	
T703		EIV5EC013A	TRANSFORMER	1	
T704		EIV5EC006A1	TRANSFORMER	1	
T710		EULBEF023	TRANSFORMER	1	
T851		ELM7Q207A	COIL	1	
T4001		EIQ7QF013Q	TRANSFORMER	1	
T7301		EIR7QG001B	IF TRANSFORMER	1	
T7302,03		EIL7QH011Q	TRANSFORMER	2	
T7304		EIS5EC007A	TRANSFORMER	1	
T7305		EIS5EC005A	TRANSFORMER	1	
VR301		EVNDRAA00B13	V.RESISTOR 1K	1	
VR302		EVND1AA00B52	V.RESISTOR 500	1	
VR303		EVN32CA00B52	V.RESISTOR 500	1	
VR701,02		EVM4LGA00B23	V.RESISTOR 2K	2	
VR741		EVNDRAA00B14	V.RESISTOR 10K	1	
VR801		EVND1AA00B14	V.RESISTOR 10K	1	
VR2001		EVNDRAA00B54	V.RESISTOR 50K	1	
VR2006		EVNDRAA00B15	V.RESISTOR 100K	1	
VR2009,10		EVND4AA00B25	V.RESISTOR 200K	2	
VR2011		EVNDRAA00B15	V.RESISTOR 100K	1	
VR2013		EVNDRAA00B23	V.RESISTOR 2K	1	
VR2018,19		EVNDRAA00B15	V.RESISTOR 100K	2	
VR3001		EVNDRAA00B23	V.RESISTOR 2K	1	
VR3301		EVN4YCA00B13	V.RESISTOR 1K	1	
VR3302		EVNDRAA00B24	V.RESISTOR 20K	1	
VR4001		EVNDRAA00B14	V.RESISTOR 10K	1	
VR4002		EVNDRAA00B25	V.RESISTOR 200K	1	
VR4004		EVNDRAA00B53	V.RESISTOR 5K	1	
VR4501		EVN3DCA00B14	V.RESISTOR 10K	1	
VR4502		EVN3ACA00B24	V.RESISTOR 20K	1	
VR4503		EVNDRAA00B23	V.RESISTOR 2K	1	
VR4505		EVND1AA00B14	V.RESISTOR 10K	1	
VR4507		EVN3ACA00B24	V.RESISTOR 20K	1	
VR4509		EVN3DCA00BS3	V.RESISTOR	1	
VR4510		EVN4LCA00B25	V.RESISTOR 200K	1	
VR5001		EVNDRAA00B14	V.RESISTOR 10K	1	
VR5002		EVND1AA00B54	V.RESISTOR 50K	1	
VR5003		EVND4AA00B24	V.RESISTOR 20K	1	
VR5004,05		EVN49CA00B52	V.RESISTOR 500	2	
VR7301		EVN38CA00B14	V.RESISTOR 10K	1	
VR7326		EVN38CA00B52	V.RESISTOR 500	1	
VR7328		EVN38CA00B52	V.RESISTOR 500	1	
VR7340		EVNE4AA00B14	V.RESISTOR 10K	1	
VR7342		EVNE4AA00B53	V.RESISTOR 5K	1	
VR7344		EVNE4AA00B14	V.RESISTOR 10K	1	
VR8301		EVN4YCA00B52	V.RESISTOR 500	1	
VR8302		EVNDRAA00B13	V.RESISTOR 1K	1	
X710		EFCH38MSP4	CRYSTAL OSCILLATOR	1	
X711		EFCS5R5MW5	FILTER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
X715		ELB5A043	FILTER	1	
X716		EFCA31R90M1	CRYSTAL OSCILLATOR	1	31.75MHZ
X717		EFCA4OR4OM1	FILTER	1	
X801		VSX0162	CRYSTAL OSCILLATOR	1	
X2201		VSX0225	CRYSTAL OSCILLATOR	1	
X3301		VSX0316	CRYSTAL OSCILLATOR	1	
X3303		VSX0099	CRYSTAL OSCILLATOR	1	
X6001		VSX0306	CRYSTAL OSCILLATOR	1	
X6002		VSQ0565	SENSOR	1	
X7301,02		EFCS5R5MS5B	CRYSTAL OSCILLATOR	2	
X7303,04		EFCS5R74MS5B	CRYSTAL OSCILLATOR	2	
X7305		ELB5A016	FILTER	1	
X7851		EFOA4ROM03C2	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VSC1068	HEAT SINK PLATE	1	
		VSC1323	HEAT SINK	1	(FOR Q1001)
		ENC17966	RF CONVERTER	1	<!>
		VJH0510	RF CONVERTER JACK PLATE	1	
		VJF0442	CLAMPER	1	
		VMC0075	HEAT SINK FIX SPRING	1	(FOR IC2206)
		VSC2734	HEAT SINK	1	(FOR IC2206)
		VMZ1352	HEAT SINK COVER	1	(FOR SERVO PACK)
		VJF0368	SERVO PACK C.B.A. SUPPORTOR	2	(FOR SERVO PACK)
		VJF0368	LUMINANCE & CHROMINANCE	2	(FOR LUMI&CHRO PACK)
			PACK C.B.A. SUPPORTOR		
		VSC2908	SHIELD CASE (TOP)	1	(FOR HQ PACK)
		VSC2909	SHIELD CASE (MAIN)	1	(FOR HQ PACK)
		VSC2910	SHIELD CASE (BOTTOM)	1	(FOR HQ PACK)
		VJF0368	HQ PACK C.B.A. SUPPORTOR	2	(FOR HQ PACK)
		VJR0164	PACK PIN (10P)	4	(FOR I/O PACK)
		VEJ0889	REAR JACK	1	(FOR I/O PACK)
		VGU2707	SW KNOB	2	(FOR I/O PACK)
		ENV57846H6	TUNER	1	<!> (FOR TV DEMO.)
		VSC2713	SHIELD CASE (MAIN)	1	(FOR TV DEMO.)
		VSC2712	SHIELD CASE (TOP)	1	(FOR TV DEMO.)
		VSC2714	SHIELD CASE (BOTTOM)	1	(FOR TV DEMO.)
	■	VEP03639A	LUMINANCE & CHROMINANCE		(NLA) NV-FS100EG
			SEPARATION C.B.A.		
			CAPACITORS		
C3701		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C3703		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C3705		ECEA1AK470U	E.CAPACITOR 10V 47U	1	
C3706		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3707		ECEA1AK470U	E.CAPACITOR 10V 47U	1	
C3709		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C3710,11		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3713,14		ECEA1AK470U	E.CAPACITOR 10V 47U	2	
C3715		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3716		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3717		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3718		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C3719		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3721		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3722		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C3723		ECEA0JU101	E.CAPACITOR 6.3V 100U	1	
C3724		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3726		ECEA1CU101	E.CAPACITOR 16V 100U	1	
C3727		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3728		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3729		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C3733		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3734		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3735		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3736		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C3737-40		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	4	
C3741		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3742		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3743		ECEA0JU101	E.CAPACITOR 6.3V 100U	1	
C3746		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3748		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3749		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C3750-52		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C3753		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3754		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3755		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C3756,57		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3758		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3759		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3760		ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C3762		ECEA1AK470U	E.CAPACITOR 10V 47U	1	
C3763		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3764		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3765,66		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3767		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C3768		ECEA1CU221	E.CAPACITOR 16V 220U	1	
C3771-73		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C3777,78		ECEA1CK470U	E.CAPACITOR 16V 47U	2	
C3781		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3782		ECEA1AK470U	E.CAPACITOR 10V 47U	1	
C3783		ECUM1H080DCN	C.CAPACITOR CH 50V 80P	1	
C3784		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3785		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3799		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C3801		ECEA1HSN010	E.CAPACITOR 50V 1U	1	
C3802		ECEA1HKSR22	E.CAPACITOR 50V 0.22U	1	
C3803		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3804		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3805		ECEA1HKSR22	E.CAPACITOR 50V 0.22U	1	
C3806-11		ECEA1EKS3R3	E.CAPACITOR 25V 3.3U	6	
C3812		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3813		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3814		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3815,16		ECEA1CKS100	E.CAPACITOR 16V 10U	2	
C3817-19		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C3820,21		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	2	
C3822		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3823		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3824,25		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
D3701		MA151WK	DIODE	1	
D3703,04		1SS99	DIODE	2	
D3705		MA4100L	DIODE	1	
DL3701		VLD0177	DELAY	1	
FL3701		VLF0765	FILTER	1	
FL3702		VLF0766	FILTER	1	
FL3705		ELB4S041	FILTER	1	
FL3706-08		ELB4Q071	FILTER	3	
FL3801		ELB4R046	FILTER	1	
FL3802,03		VLF0523	FILTER	2	
FL3804,05		VLF0526	FILTER	2	
IC3701,02		M52055FP	IC	2	
IC3703		AN607P	IC	1	
IC3704		AN3916	IC	1	
IC3705		CX22013	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC3706	AN608P	IC	1	
IC3707	AN607P	IC	1	
IC3708	AN608P	IC	1	
IC3801,02	CXL1009P	IC	2	
L3701	VLQEL05F101K	COIL 100UH	1	
L3702	VLQEL05F330K	COIL 33UH	1	
L3704,05	VLQEL05F101K	COIL 100UH	2	
L3713	VLQEL05F390K	COIL 39UH	1	
L3714	VLQEL06F101K	COIL 100UH	1	
L3716	VLQEL05F101K	COIL 100UH	1	
L3719,20	VLQEL05F8R2K	COIL 8.2UH	2	
L3801	VLP0053	COIL	1	
P3701,02	VJP1231T	CONNECTOR(MALE) 4P	2	
P3703	VJP1237T	CONNECTOR(MALE) 10P	1	
P3704	VJP1231R	CONNECTOR(MALE) 4P	1	
PJ3701	VJP2775	CONNECTOR(MALE)	1	
PJ3702	VJP2778	CONNECTOR(MALE)	1	
Q3701	2SC2295	TRANSISTOR	1	
Q3702	2SB709	TRANSISTOR CHIP	1	
Q3703	2SD601	TRANSISTOR CHIP	1	
Q3704	2SC2295	TRANSISTOR	1	
Q3705	2SB709	TRANSISTOR CHIP	1	
Q3706,07	2SC2295	TRANSISTOR	2	
Q3708	2SB709	TRANSISTOR CHIP	1	
Q3709	2SC2295	TRANSISTOR	1	
Q3710	2SD601	TRANSISTOR CHIP	1	
Q3711	2SC2295	TRANSISTOR	1	
Q3712	2SB709	TRANSISTOR CHIP	1	
Q3713,14	2SC2295	TRANSISTOR	2	
Q3715	2SB709	TRANSISTOR CHIP	1	
Q3716	2SC2295	TRANSISTOR	1	
Q3717	2SA1022	TRANSISTOR CHIP	1	
Q3718	2SC2295	TRANSISTOR	1	
Q3719-21	2SD601	TRANSISTOR CHIP	3	
Q3722	2SC2295	TRANSISTOR	1	
Q3723	2SB709	TRANSISTOR CHIP	1	
Q3724	2SC2295	TRANSISTOR	1	
Q3725,26	2SD601	TRANSISTOR CHIP	2	
Q3728	2SC2295	TRANSISTOR	1	
Q3729-31	2SD601	TRANSISTOR CHIP	3	
Q3733,34	2SD601	TRANSISTOR CHIP	2	
Q3801	2SC2295	TRANSISTOR	1	
Q3802-04	2SB709	TRANSISTOR CHIP	3	
		RESISTORS		
R3701	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R3702	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3703-06	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	4	
R3707	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3708	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R3709	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3710	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3712	ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R3713	ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R3714	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3715	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3716	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3717	ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	1	
R3718	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3719	ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3720	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3721	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3722	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3723	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3724	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3725	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3727	ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3728	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3729	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3730	ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3731	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3732	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3737	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3738	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3739	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3740	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3741	ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3742	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3743	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3744	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3745	ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3746	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3747	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3748	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3749	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3750	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3751,52	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R3753	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R3754	ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3755	ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3756	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3757	ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3758	ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R3759,60	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R3761	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3763	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R3764,65	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R3766	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R3767,68	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	2	
R3769	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3770	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R3771,72	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R3774	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3775	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3776,77	ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	2	
R3778	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3779	ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3780	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3781	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3782	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3783	ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	1	
R3784	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3785	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3786	ERJ6GEYJ121	M.RESISTOR CH 1/10W 120	1	
R3787	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3788	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3789	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3791	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3793,94	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R3795,96	ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	2	
R3797	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3798	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3799	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3801	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R3802-04	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	3	
R3805,06	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	2	
R3807	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R3808	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3809	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R3810	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3811	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R3812	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3813,14	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
SW3701		ESD14314	SWITCH	1	
TH3701,02		ERTD2WHL102	THERMISTOR	2	
VR3701		EVN4YCA00B24	V.RESISTOR 20K	1	
VR3702-05		EVN4YCA00B23	V.RESISTOR 2K	4	
VR3706-09		EVN4YCA00B13	V.RESISTOR 1K	4	
X3801		VSX0323	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VSC2928	SHIELD CASE (TOP/BOTTOM)	2	
		VSC2929	SHIELD CASE (MAIN)	1	
	■	VEP03639B	LUMINANCE & CHROMINANCE SEPARATION C.B.A.		(NLA) NV-FS100EI
			CAPACITORS		
C3701		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C3703		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C3705		ECEA1AK470U	E.CAPACITOR 10V 47U	1	
C3706		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3707		ECEA1AK470U	E.CAPACITOR 10V 47U	1	
C3709		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C3710,11		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3713,14		ECEA1AK470U	E.CAPACITOR 10V 47U	2	
C3715		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3716		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3717		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3718		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C3719		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3721		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3722		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C3723		ECEA0JU101	E.CAPACITOR 6.3V 100U	1	
C3724		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3726		ECEA1CU101	E.CAPACITOR 16V 100U	1	
C3727		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3728		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3729		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C3733		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3734		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3735		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3736		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C3737-40		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	4	
C3741		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3742		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3743		ECEA0JU101	E.CAPACITOR 6.3V 100U	1	
C3746		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3748		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3749		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C3750-52		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C3753		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3754		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3755		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C3756,57		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3758		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3759		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C3760		ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C3762		ECEA1AK470U	E.CAPACITOR 10V 47U	1	
C3763		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3764		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3765,66		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3767		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C3768		ECEA1CU221	E.CAPACITOR 16V 220U	1	
C3771-73		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C3777,78		ECEA1CK470U	E.CAPACITOR 16V 47U	2	
C3781		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3782		ECEA1AK470U	E.CAPACITOR 10V 47U	1	
C3783		ECUM1H080DCN	C.CAPACITOR CH 50V 80P	1	
C3784		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3785		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3799		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C3801		ECEA1HSN010	E.CAPACITOR 50V 1U	1	
C3802		ECEA1HKSR22	E.CAPACITOR 50V 0.22U	1	
C3803		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3804		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3805		ECEA1HKSR22	E.CAPACITOR 50V 0.22U	1	
C3806-11		ECEA1EKS3R3	E.CAPACITOR 25V 3.3U	6	
C3812		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3813		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3814		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3815,16		ECEA1CKS100	E.CAPACITOR 16V 10U	2	
C3817-19		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C3820,21		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	2	
C3822		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3823		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3824,25		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
D3701		MA151WK	DIODE	1	
D3703,04		1SS99	DIODE	2	
D3705		MA4100L	DIODE	1	
DL3701		VLD0177	DELAY	1	
FL3701		VLF0765	FILTER	1	
FL3702		VLF0766	FILTER	1	
FL3705		ELB4S041	FILTER	1	
FL3706-08		ELB4Q071	FILTER	3	
FL3801		ELB4R046	FILTER	1	
FL3802,03		VLF0523	FILTER	2	
FL3804,05		VLF0526	FILTER	2	
IC3701,02		M52055FP	IC	2	
IC3703		AN607P	IC	1	
IC3704		AN3916	IC	1	
IC3705		CX22013	IC	1	
IC3706		AN608P	IC	1	
IC3707		AN607P	IC	1	
IC3708		AN608P	IC	1	
IC3801,02		CXL1009P	IC	2	
L3701		VLQEL05F101K	COIL 100UH	1	
L3702		VLQEL05F330K	COIL 33UH	1	
L3704,05		VLQEL05F101K	COIL 100UH	2	
L3713		VLQEL05F390K	COIL 39UH	1	
L3714		VLQEL06F101K	COIL 100UH	1	
L3716		VLQEL05F101K	COIL 100UH	1	
L3719,20		VLQEL05F8R2K	COIL 8.2UH	2	
L3801		VLP0053	COIL	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
P3701		VJP1231T	CONNECTOR(MALE) 4P	1	
P3703		VJP1237T	CONNECTOR(MALE) 10P	1	
P3704		VJP1231R	CONNECTOR(MALE) 4P	1	
PJ3701		VJP2775	CONNECTOR(MALE)	1	
PJ3702		VJP2778	CONNECTOR(MALE)	1	
Q3701		2SC2295	TRANSISTOR	1	
Q3702		2SB709	TRANSISTOR CHIP	1	
Q3703		2SD601	TRANSISTOR CHIP	1	
Q3704		2SC2295	TRANSISTOR	1	
Q3705		2SB709	TRANSISTOR CHIP	1	
Q3706,07		2SC2295	TRANSISTOR	2	
Q3708		2SB709	TRANSISTOR CHIP	1	
Q3709		2SC2295	TRANSISTOR	1	
Q3710		2SD601	TRANSISTOR CHIP	1	
Q3711		2SC2295	TRANSISTOR	1	
Q3712		2SB709	TRANSISTOR CHIP	1	
Q3713,14		2SC2295	TRANSISTOR	2	
Q3715		2SB709	TRANSISTOR CHIP	1	
Q3716		2SC2295	TRANSISTOR	1	
Q3717		2SA1022	TRANSISTOR CHIP	1	
Q3718		2SC2295	TRANSISTOR	1	
Q3719-21		2SD601	TRANSISTOR CHIP	3	
Q3722		2SC2295	TRANSISTOR	1	
Q3723		2SB709	TRANSISTOR CHIP	1	
Q3724		2SC2295	TRANSISTOR	1	
Q3725,26		2SD601	TRANSISTOR CHIP	2	
Q3728		2SC2295	TRANSISTOR	1	
Q3729-31		2SD601	TRANSISTOR CHIP	3	
Q3733,34		2SD601	TRANSISTOR CHIP	2	
Q3801		2SC2295	TRANSISTOR	1	
Q3802-04		2SB709	TRANSISTOR CHIP	3	
			RESISTORS		
R3701		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R3702		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3703,04		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R3705		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3706		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3707		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3708		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R3709		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3710		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3712		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R3713		ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R3714		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3715		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3716		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3717		ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	1	
R3718		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3719		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3720		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3721		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3722		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3723		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3724		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3725		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3727		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3728		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3729		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3730		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3731		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3732		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3737		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3738		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3739		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3740		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3741		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R3742		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3743		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3744		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3745		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3746		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3747		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3748		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3749		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3750		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3751,52		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R3753		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R3754		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3755		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3756		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3757		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3758		ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R3759,60		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R3761		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3763		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R3764,65		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R3766		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R3767,68		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	2	
R3769		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3770		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R3771,72		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R3774		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3775		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3776,77		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	2	
R3778		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3779		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3780		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3781		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3782		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3783		ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	1	
R3784		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3785		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3786		ERJ6GEYJ121	M.RESISTOR CH 1/10W 120	1	
R3787		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3788		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3789		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3791		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3793,94		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R3795,96		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	2	
R3797		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3798		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3799		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3801		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R3802-04		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	3	
R3805,06		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	2	
R3807		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R3808		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3809		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R3810		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3811		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R3812		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3813,14		ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
SW3701		ESD14314	SWITCH	1	
TH3701,02		ERTD2WHL102	THERMISTOR	2	
VR3701		EVN4YCA00B24	V.RESISTOR 20K	1	
VR3702-05		EVN4YCA00B23	V.RESISTOR 2K	4	
VR3706-09		EVN4YCA00B13	V.RESISTOR 1K	4	
X3801		VSX0323	CRYSTAL OSCILLATOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			MISCELLANEOUS		
		VSC2928	SHIELD CASE (TOP/BOTTOM)	2	
		VSC2929	SHIELD CASE (MAIN)	1	
	■	VEP03677A	SUB LUMINANCE & CHROMINANCE		(NLA)
			C.B.A.		
			CAPACITORS		
C3501		ECEA1HKS010	E.CAPACITOR 50V 1U	1	
C3502		ECEA1CKS470	E.CAPACITOR 16V 47U	1	
C3503		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3504		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3505		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3506		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3507		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3508		ECEA1HKSR22	E.CAPACITOR 50V 0.22U	1	
C3509,10		ECEA1EKS3R3	E.CAPACITOR 25V 3.3U	2	
C3511		ECEA0JSN470	E.CAPACITOR 6.3V 47U	1	
C3512,13		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
C3514		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3515		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3516		ECEA1EKS3R3	E.CAPACITOR 25V 3.3U	1	
C3517,18		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	2	
C3519		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3520,21		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3522		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C3523		ECQP1H272JZ	P.CAPACITOR 50V 2700P	1	
C3524		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3525		ECQV1H274JZ	P.CAPACITOR 50V 0.27U	1	
C3526		ECEA1AU221	E.CAPACITOR 10V 220U	1	
C3527		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3528		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3529		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C3530		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C3531		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3532		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C3533		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3534,35		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	2	
C3536,37		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3538		ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C3539,40		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3541		ECEA1CK330U	E.CAPACITOR 16V 33U	1	
C3542,43		ECEA1HK010	E.CAPACITOR 50V 1U	2	
C3544,45		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3546		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3547		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3548,49		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3550,51		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3552		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C3553,54		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3555		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C8502,03		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C8505-10		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	6	
C8511		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C8512		ECEA1AK470U	E.CAPACITOR 10V 47U	1	
C8513		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C8514		ECUM1H183KBN	C.CAPACITOR CH 50V 0.018U	1	
C8515		ECUM1E273KBN	C.CAPACITOR CH 25V 0.027U	1	
C8516		ECUM1H391KBN	C.CAPACITOR CH 50V 390P	1	
C8517		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C8518		ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C8519,20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C8521		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C8522		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C8523		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
D3501		MA151K	DIODE	1	
D3502		MA153	DIODE	1	
DL8501		EFDRT325A12B	DELAY	1	
DL8502		VLD0079	DELAY	1	
FL3501,02		VLF0523	FILTER	2	
FL3503,04		VLF0526	FILTER	2	
FL3505		ELB4H054	FILTER	1	
IC3501		TL8705P	IC	1	
IC3502		AN78L09	IC	1	
IC3503		UPC1517CA	IC	1	
IC3504		CXL1009P	IC	1	
IC3505		AN78L09	IC	1	
IC3506		M52055FP	IC	1	
IC8501		AN3594K	IC	1	
IC8503		BU5715F	IC	1	
L3501-04		VLQEL05F101K	COIL 100UH	4	
L3505		VLQEL05F100K	COIL 10UH	1	
L3506,07		VLQEL05F390K	COIL 39UH	2	
L3508,09		VLQEL05F101K	COIL 100UH	2	
L3510		VLP0053	COIL	1	
L8501		VLQEL05F101K	COIL 100UH	1	
L8503		VLQEL05F8R2K	COIL 8.2UH	1	
L8504,05		VLQEL05F150K	COIL 15UH	2	
L8506,07		VLQEL05F101K	COIL 100UH	2	
P3501		VJP1233T	CONNECTOR(MALE) 6P	1	
P3502		VJP1235T	CONNECTOR(MALE) 8P	1	
P3503		VJP1231T	CONNECTOR(MALE) 4P	1	
P3504		VJP2776	CONNECTOR	1	
P3505		VJP2775	CONNECTOR(MALE)	1	
Q3501,02		2SB709	TRANSISTOR CHIP	2	
Q3503		2SD601	TRANSISTOR CHIP	1	
Q3504		2SB709	TRANSISTOR CHIP	1	
Q3505,06		2SC2295	TRANSISTOR	2	
Q3507		2SB709	TRANSISTOR CHIP	1	
Q3508,09		2SC2295	TRANSISTOR	2	
Q3510		2SB709	TRANSISTOR CHIP	1	
Q8501		2SC2295	TRANSISTOR	1	
Q8502,03		2SD601	TRANSISTOR CHIP	2	
			RESISTORS		
R3501		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R3502		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R3503		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3504		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3505		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R3506		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3507		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R3508,09		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	2	
R3510		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R3511		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R3512		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3513		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R3514		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3515		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R3516,17		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R3518		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R3519		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3520		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3521		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R3522		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R3523		ERTD2ZH1333S	THERMISTOR 33K	1	
R3524		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3525		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3526		ERJ6GEYJ124	M.RESISTOR CH 1/10W 120K	1	
R3527		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3528		ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R3529		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R3530		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3531		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R3532-35		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	4	
R3536,37		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R3538		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R8501		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R8502		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R8503		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R8504		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R8505		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R8506,07		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	2	
R8508		ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R8509		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R8510		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R8511		ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	1	
R8512		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R8513		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R8514,15		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	2	
R8516		ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R8517		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R8518,19		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	2	
R8520		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R8521		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R8522		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R8523		ERJ6GEYJ183	M.RESISTOR CH 1/10W 180K	1	
R8524		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
VR3501		EVN4YCA00B13	V.RESISTOR 1K	1	
VR3502,03		EVN4YCA00B53	V.RESISTOR 50K	2	
VR8502,03		EVN4YCA00B13	V.RESISTOR 1K	2	
X3501		VSX0189	CRYSTAL OSCILLATOR	1	
X3502		VSX0323	CRYSTAL OSCILLATOR	1	
			MISCELLANEUS		
		VSC2914	SHIELD CASE (TOP)	2	
		VSC2915	SHIELD CASE (MAIN)	1	
		VSC2916	SHIELD CASE (BOTTOM)	1	
		VSC2911	SHIELD CASE (TOP)	2	(FOR 1H DELAY CCD)
		VSC2912	SHIELD CASE (MAIN)	1	(FOR 1H DELAY CCD)
	■	VEP05149A	HEAD AMP C.B.A.		(NLA)

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			CAPACITORS		
C501		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C502,03		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C504		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C505		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C507,08		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C509		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C511		ECUM1E473ZFN	C.CAPACITOR CH 25V 0.047U	1	
C513		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C514		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C515		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C516		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C517		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C518		ECUM1H080DCN	C.CAPACITOR CH 50V 8P	1	
C519,20		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	
C523		ECUM1H040CCN	C.CAPACITOR 50V 4P	1	
C524,25		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	2	
C526		ECUM1H050DCN	C.CAPACITOR CH 50V 5P	1	
C527		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C530		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C531		ECUM1H060DCN	T.CAPACITOR 50V 6P	1	
C532		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C533		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C534		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C535		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C536		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C537		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C551		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C552		VCEA0JAC221J	E.CAPACITOR 6.3V 220U	1	
C553		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C555-59		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	5	
C560		ECEA0JPK470	E.CAPACITOR 6.3V 47U	1	
C561		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C562,63		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	2	
C564,65		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C566		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C567		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C569		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
D501,02		MA165	DIODE	2	
IC501		AN3334K	IC	1	
IC502		VCR0271	IC	1	
IC551		BA7740FS	IC	1	
L502		VLQ0188K330	COIL 33UH	1	
L504		VLQELO5F101K	COIL 100UH	1	
L505		VLQ0188K330	COIL 33UH	1	
L506		VLQ0188K6R8	COIL 6.8UH	1	
L551,52		VLQELO5F101K	COIL 100UH	2	
L553,54		VLQ0213K2R2	COIL 2.2UH	2	
P501		VJP1250T	CONNECTOR	1	
P551		VJP1236T	CONNECTOR(MALE) 9P	1	
Q501		2SB709	TRANSISTOR CHIP	1	
			RESISTORS		
R501		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R502		ERJ6GMYJ334	M.RESISTOR CH 1/10W 330K	1	
R503		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R507		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R508		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R510		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R512		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R513		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R514		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R515,16		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	2	
R517,18		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	2	
R519		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R520		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R521		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R522		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R523		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R551,52		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R554		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R555		ERJ6GMYJ243	M.RESISTOR CH 1/10W 24K	1	
R556		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R557		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R558		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R559		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R560		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R561,62		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R563		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R564		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R565		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R566,67		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	2	
R568		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
VR501,02		EVND1AA00B23	V.RESISTOR 2K	2	
			MISCELLANEOUS		
		VSC2668	SHIELD CASE (TOP)	1	
		VSC2669	SHIELD CASE (BOTTOM)	1	
		VSC2670	SHIELD CASE (MAIN)	1	
	■	VEP07566A	VPT INTERFACE C.B.A.		(NLA) NV-FS100EG
P7801		VJP1244T	CONNECTOR(MALE) 4P	1	
P7802		VJP1246T	CONNECTOR(MALE) 6P	1	
P7803		VJP1244T	CONNECTOR(MALE) 4P	1	
P7804		VJP1246T	CONNECTOR(MALE) 6P	1	
	■	VEP06580A	VR C.B.A.		(NLA)
			CAPACITORS		
C6301,02		ECQB1H103KH	P.CAPACITOR 50V 0.01U	2	
C6501,02		ECQV1H223JS	P.CAPACITOR 50V 0.022U	2	
C6503		ECEA1AKS330	E.CAPACITOR 10V 33U	1	
C6504		ECEA1EKS3R3	E.CAPACITOR 25V 3.3U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C6505		ECEA1CKS330	E.CAPACITOR 16V 33U	1	
C6507		ECKF1H1032F	C.CAPACITOR 50V 0.01U	1	
C6508,09		ECQV1H124JS	P.CAPACITOR 50V 0.12U	2	
C6510		ECKF1H1032F	C.CAPACITOR 50V 0.01U	1	
D6501		LN21RCPHL	LED	1	
IC6501		VCR0172	IC	1	
J6301		VJJ0192	CONNECTOR	1	
J6302		VJJ0210	CONNECTOR	1	
L6301,02		VLQ0188J221	COIL 220UH	2	
L6501,02		VLQEL05F471K	COIL 470UH	2	
P6501		VJP1249T	CONNECTOR(MALE) 9P	1	
P6503		VJP1930T	CONNECTOR	1	
P6504		VJP1242T	CONNECTOR(MALE) 2P	1	
			RESISTORS		
R6501		ERQS2CKG1601	M.RESISTOR 1/4W 1.6K	1	
R6502		ERQS2CKG2000	M.RESISTOR 1/4W 200	1	
R6503		ERQS2CKG1601	M.RESISTOR 1/4W 1.6K	1	
R6504		ERQS2CKG2000	M.RESISTOR 1/4W 200	1	
R6505		ERQS2CKG1102	M.RESISTOR 1/4W 11K	1	
R6506		ERDS2TJ271	C.RESISTOR 1/4W 270	1	
R6507		ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
SW6501		EVQQS307K	SWITCH	1	
VR3004		EWAKFKXB3B24	V.RESISTOR 20K	1	
VR6501		EWAKABXB3C23	V.RESISTOR 2K	1	
VR6503		EWANYHX05J24	V.RESISTOR 20K	1	
			MISCELLANEOUS		
		KL04	LED SPACER	1	
		VYC0160	REC VR PANEL UNIT	1	
		VGU4495	REC VR KNOB	2	
		VJF0691	JACK HOLDER	1	
	■	VEP07530A	TIMER C.B.A.		(NLA) NV-FS100EG
			CAPACITORS		
C6701		ECEA0JK470I	E.CAPACITOR 6.3V 47U	1	
C6702		ECKF1H331KB	C.CAPACITOR 50V 330P	1	
C6703		ECEA1HK010	E.CAPACITOR 50V 1U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C6704		ECEA1HK3R3I	E.CAPACITOR 50V 3.3U	1	
C7501		ECRHA030E41	TRIMMER	1	
C7502		ECUM1H080DCN	C.CAPACITOR CH 50V 80P	1	
C7503		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7504		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7505		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7506		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C7507		ECEA1HKR22	E.CAPACITOR 50V 0.22U	1	
C7508		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7509		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C7510		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7511		ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7512		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C7513		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7514		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7520		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C7521		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C7522		ECUM1H223ZFN	C.CAPACITOR CH 50V 0.022U	1	
C7523,24		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	2	
C7525		ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
D6701		PN323B	PHOTO DIODE	1	
D7501		MA3068	DIODE	1	
D7504		MA73	DIODE	1	
D7507		MA73	DIODE	1	
D7510		MA73	DIODE	1	
D7511		MA73	DIODE	1	
D7513		MA73	DIODE	1	
D7516,17		MA73	DIODE	2	
D7519		MA73	DIODE	1	
D7530		MA73	DIODE	1	
D7532,33		MA73	DIODE	2	
D7534,35		MA73	DIODE	2	
D7536-40		MA73	DIODE	5	
D7541		MA73	DIODE	1	
D7550-53		LN28RCPL	DIODE	4	
D7554		VLL0055	DIODE	1	
D7555		LN28RCPL	DIODE	1	
D7556		LN38GCPL	DIODE	1	
D7557		LN28RCPL	DIODE	1	
D7559		LN28RCPL	DIODE	1	
D7560		MA73	DIODE	1	
D7562		LN28RCPL	DIODE	1	
DP7501		VSL0144	DISPLAY TUBE	1	
IC6701		UPC1490HA	IC	1	
IC7501		MN187125VPQ	IC	1	
IC7502		MN12261	IC	1	
IC7503		MN1280L	IC	1	
IC7504		MN1280S	IC	1	
IC7505		BA6810S	IC	1	
L7501		VLQEL05F221K	COIL 220UH	1	
P7504		VJP1246T	CONNECTOR(MALE) 6P	1	
P7507		VJP2621	CONNECTOR(MALE)	1	
Q7501		2SD601	TRANSISTOR CHIP	1	
QR7501		UN2213	TRANSISTOR-RESISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
QR7502		UN2112	TRANSISTOR-RESISTOR	1	
QR7503		UN2113	TRANSISTOR-RESISTOR	1	
QR7505		UN2111	TRANSISTOR-RESISTOR	1	
QR7506		UN2113	TRANSISTOR-RESISTOR	1	
QR7510,11		UN2112	TRANSISTOR-RESISTOR	2	
			RESISTORS		
R6701		ERDS2TJ154	C.RESISTOR 1/4W 150K	1	
R6702		ERDS2TJ8R2	C.RESISTOR 1/4W 8.2	1	
R6703		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7501		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R7502		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7503		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7504		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7505		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7506		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R7507		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7508-10		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R7511		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7512		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7513		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R7514		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7523-32		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	10	
R7533		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7534		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7536		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7538		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7539		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7540		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R7541		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7542-44		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	3	
R7546		ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R7547		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7549		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7550-56		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	7	
R7557		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7558,59		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	2	
R7560		ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	1	
RX7501		EXBF11E104J	RESISTOR-RESISTOR	1	
RX7502		EXBF8E104J	COMBINATION RARTS	1	
X7501		VSX0140	CRYSTAL OSCILLATOR	1	
X7502		VSX0094	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJF0693	FIP HOLDER	1	
		VJF0740	LED SPACER	1	
		VMD1342	LED SPACER	1	
		VSC2671	SHIELD CASE (MAIN)	1	(FOR IR RECEIVER)
		VSC2672	SHIELD CASE (BOTTOM)	1	(FOR IR RECEIVER)
	■	VEP07530B	TIMER C.B.A.		(NLA) NV-FS100EI
			CAPACITORS		
C6701		ECEA0JK470I	E.CAPACITOR 6.3V 47U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C6702		ECKF1H331KB	C.CAPACITOR 50V 330P	1	
C6703		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C6704		ECEA1HK3R3I	E.CAPACITOR 50V 3.3U	1	
C7501		ECRHA030E41	TRIMMER	1	
C7502		ECUM1H080DCN	C.CAPACITOR CH 50V 80P	1	
C7503		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7504		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7505		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7506		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C7507		ECEA1HKR22	E.CAPACITOR 50V 0.22U	1	
C7508		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7509		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C7510		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7511		ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7512		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C7513		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7514		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7520		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C7521		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C7522		ECUM1H223ZFN	C.CAPACITOR CH 50V 0.022U	1	
C7523,24		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	2	
C7525		ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
D6701		PN323B	PHOTO DIODE	1	
D7501		MA3068	DIODE	1	
D7504		MA73	DIODE	1	
D7507		MA73	DIODE	1	
D7510		MA73	DIODE	1	
D7511		MA73	DIODE	1	
D7513		MA73	DIODE	1	
D7516,17		MA73	DIODE	2	
D7530		MA73	DIODE	1	
D7532,33		MA73	DIODE	2	
D7534,35		MA73	DIODE	2	
D7536-40		MA73	DIODE	5	
D7541		MA73	DIODE	1	
D7550-53		LN28RCPL	DIODE	4	
D7554		VLL0055	DIODE	1	
D7555		LN28RCPL	DIODE	1	
D7556		LN38GCPL	DIODE	1	
D7557		LN28RCPL	DIODE	1	
D7559		LN28RCPL	DIODE	1	
D7560		MA73	DIODE	1	
DP7501		VSL0144	DISPLAY TUBE	1	
IC6701		UPC1490HA	IC	1	
IC7501		MN187125VFI	IC	1	
IC7502		MN12261	IC	1	
IC7503		MN1280L	IC	1	
IC7504		MN1280S	IC	1	
IC7505		BA6810S	IC	1	
L7501		VLQEL05F221K	COIL 220UH	1	
P7507		VJP2621	CONNECTOR(MALE)	1	
Q7501		2SD601	TRANSISTOR CHIP	1	
QR7501		UN2213	TRANSISTOR-RESISTOR	1	
QR7502		UN2112	TRANSISTOR-RESISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
QR7503		UN2113	TRANSISTOR-RESISTOR	1	
QR7505		UN2111	TRANSISTOR-RESISTOR	1	
QR7510,11		UN2112	TRANSISTOR-RESISTOR	2	
			RESISTORS		
R6701		ERDS2TJ154	C.RESISTOR 1/4W 150K	1	
R6702		ERDS2TJ8R2	C.RESISTOR 1/4W 8.2	1	
R6703		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7501		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R7502		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7503		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7504		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7505		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7506		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R7507		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7508-10		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R7511		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7512		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7513		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R7514		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7523-32		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	10	
R7533		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7534		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7536		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7538		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7539		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7540		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R7541		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7542-44		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	3	
R7546		ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R7547		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7549		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7550-56		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	7	
R7557		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7558,59		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	2	
RX7501		EXBF11E104J	RESISTOR-RESISTOR	1	
RX7502		EXBF8E104J	COMBINATION RARTS	1	
X7501		VSX0140	CRYSTAL OSCILLATOR	1	
X7502		VSX0094	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJF0693	FIP HOLDER	1	
		VJF0740	LED SPACER	1	
		VMD1342	LED SPACER	1	
		VSC2671	SHIELD CASE (MAIN)	1	(FOR IR RECEIVER)
		VSC2672	SHIELD CASE (BOTTOM)	1	(FOR IR RECEIVER)
	■	VEP06597A	JOG SHUTTLE C.B.A.		(NLA)
D6701-03		LN38GCPP	LED	3	
QR6701		UN1112	TRANSISTOR-RESISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			RESISTORS		
R6701		ERDS2TJ271	C.RESISTOR 1/4W 270	1	
R6702		EROS2CKG1002	M.RESISTOR 1/4W 10K	1	
R6703		EROS2CKG1802	M.RESISTOR 1/4W 18K	1	
R6704-06		EROS2CKG1801	M.RESISTOR 1/4W 1.8K	3	
R6707		EROS2CKG1002	M.RESISTOR 1/4W 10K	1	
R6708		ERDS2TJ681	C.RESISTOR 1/4W 680	1	
R6709		EROS2CKG9102	M.RESISTOR 1/4W 91K	1	
R6710		EROS2CKG1202	M.RESISTOR 1/4W 12K	1	
R6711		EROS2CKG6802	M.RESISTOR 1/4W 68K	1	
R6712		EROS2CKG3302	M.RESISTOR 1/4W 33K	1	
R6713		EROS2CKG5102	M.RESISTOR 1/4W 51K	1	
R6714		EROS2CKG1203	M.RESISTOR 1/4W 120K	1	
SW6701		EVQQS307K	SWITCH	1	
			MISCELLANEOUS		
		VMX1652	LED SPACER	3	
		VSQ0651	JOG/SHUTTLE ENCODER	1	
	■	VEP01381A	POWER C.B.A.		(NLA)
			CAPACITORS		
C1101		ECQU2A224MN	P.CAPACITOR 100V 0.22U	1	
C1102		ECQU2A154MN	P.CAPACITOR 100V 0.15U	1	
C1105		VCC0021	.CAPACITOR	1	
C1108		VCC0021	.CAPACITOR	1	
C1111		VCC0022	C.CAPACITOR 1000P	1	
C1112		ECOS2GA121G	E.CAPACITOR 400V 120U	1	
C1113		ECEA2GG010	E.CAPACITOR 400V 1U	1	
C1114		ECQE6473JZ	P.CAPACITOR 630V 0.047U	1	
C1115		ECKD3D331KBN	C.CAPACITOR 2KV 330P	1	
C1116		ECQB1H682JZ	P.CAPACITOR 50V 6800P	1	
C1117		ECEA1HFE560	E.CAPACITOR 50V 56U	1	
C1118		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C1119		ECQV1H334JF	P.CAPACITOR 50V 0.33U	1	
C1120		ECQP1101JZ	P.CAPACITOR 100V 100P	1	
C1121		ECEA1HFE121	E.CAPACITOR 50V 120U	1	
C1122,23		ECEA1CFZ122	E.CAPACITOR 16V 1200U	2	
C1124		ECEA1AFZ102	E.CAPACITOR 10V 1000U	1	
C1125		ECEA0JFZ471	E.CAPACITOR 6.3V 470U	1	
C1126		ECEA1VFE820	E.CAPACITOR 35V 82U	1	
C1127		ECEA1HGE100	E.CAPACITOR 50V 10U	1	
C1128-30		ECEA1AGE101	E.CAPACITOR 10V 100U	3	
C1131		ECEA1CFE331	E.CAPACITOR 16V 330U	1	
C1132-37		ECKF1H103ZFB	C.CAPACITOR 50V 0.01U	6	
C1138		ECEA1CGE100	E.CAPACITOR 16V 10U	1	
C1139		ECQV1H105JZ	P.CAPACITOR 50V 1U	1	
C1141		ECEA1HFE270	E.CAPACITOR 50V 27U	1	
D1102-05		EM1BLF	DIODE	4	
D1106		VSD0002	DIODE	1	
D1107		APO1C	DIODE	1	
D1108		MA4030L	DIODE	1	
D1109		MA178	DIODE	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
D1110		MA165	DIODE	1	
D1111		ERA22-02	DIODE	1	
D1112		FMLG12SP	DIODE	1	
D1113		10ELS2	DIODE	1	
D1114		FMBG14L	DIODE	1	
D1115		EK14LF	DIODE	1	
D1116		MA2160A	DIODE	1	
D1117		MA4130L	DIODE	1	
IC1101		STRD6009E	IC	1	
IC1102		STK5392	IC	1	
IC1103		SE013E	IC	1	
L1101,02		ELF18D221F	COIL	2	
L1103		ELCO7B009	COIL	1	
L1104,05		VLQEL06F101K	COIL 100UH	2	
L1106		ELCO7B009	COIL	1	
P1101		VJP1930T	CONNECTOR	1	
P1103		VJP1149	CONNECTOR(MALE)	1	
Q1101		PC111AD	TRANSISTOR	1	
Q1102		2SD1330	TRANSISTOR	1	
			RESISTORS		
R1101		ERC12AGM334	S.RESISTOR 1/2W 330K	1	
R1102,03		ERDS1TJ563	C.RESISTOR 1/2W 56K	2	
R1104,05		ERDS2TJ474	C.RESISTOR 1/4W 470K	2	
R1106		ERG3ANJ683	M.RESISTOR 3W 68K	1	
R1107		ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R1108		ERD2FTVG681	C.RESISTOR 1/4W 680	1	
R1109		ERDS2TJ121	C.RESISTOR 1/4W 120	1	
R1110		ERW1PK2R2T	W.RESISTOR 1/2W 2.2	1	
R1111,12		ERG2SJ820	M.RESISTOR 2W 82	2	
R1113,14		ERG2SJ560	M.RESISTOR 2W 56	2	
R1115		ERG1SJ182E	M.RESISTOR 1W 1.8K	1	
R1116		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R1117		ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R1118		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
T1101		VLT0591	TRANSFORMER	1	
			MISCELLANEOUS		
		VJF0318	FUSE HOLDER	4	
		VMZ1184	CAPACITOR COVER	1	
	■	VEP01397A	AUDIO POWER C.B.A.		(NLA)
			CAPACITORS		
C1251,52		ECEA1CPZ102	E.CAPACITOR 16V 1000U	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C1253		ECEA1CPZ471	E.CAPACITOR 16V 470U	1	
C1256		ECEA1CPZ221	E.CAPACITOR 16V 220U	1	
C1257		VCEA1CAE221	E.CAPACITOR 16V 220U	1	
C1258		ECEA1CPZ101	E.CAPACITOR 16V 100U	1	
C1259		VCEA1CAG100	E.CAPACITOR 16V 10U	1	
C1260		ECEA1CPZ102	E.CAPACITOR 16V 1000U	1	
C1261		ECEA1CPZ471	E.CAPACITOR 16V 470U	1	
C1262,63		ECQV1H474JZ	P.CAPACITOR 50V 0.47U	2	
C1270		ECCF1H150KC	C.CAPACITOR 50V 15P	1	
C1271,72		ECKF1H101KB	C.CAPACITOR 50V 100P	2	
D1251		MA4062M	DIODE	1	
D1252		EK04	DIODE	1	
D1256,57		MA165	DIODE	2	
IC1251		RC4560DD	IC	1	
L1251,52		VLQ0407391K	COIL	2	
P1251		VJP1188	CONNECTOR(MALE)	1	
P1253		VJP1243T	CONNECTOR(MALE) 3P	1	
Q1251		2SB561	TRANSISTOR	1	
Q1252-54		2SD655	TRANSISTOR	3	(E,F)
			RESISTORS		
R1252		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R1254		ERDS2TJ331	C.RESISTOR 1/4W 330	1	
R1255		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R1256		ERDS2TJ821	C.RESISTOR 1/4W 820	1	
R1257		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R1258		ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	
R1259		ERDS2TJ105	C.RESISTOR 1/4W 1000K	1	
R1260		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R1261		ERDS2TJ332	C.RESISTOR 1/4W 3.3K	1	
R1262		ERD2FCJ4R7	C.RESISTOR 2W 4.7	1	
R1263		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R1264		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
	■	VEP00P23A	CYLINDER DRIVE C.B.A.		(NLA)
C2901		ECEA1VSN2R2	E.CAPACITOR 35V 2.2U	1	
C2902		ECEA1VSN2R2	E.CAPACITOR 35V 2.2U	1	
C2903		ECEA1VSN2R2	E.CAPACITOR 35V 2.2U	1	
C2904		ECUM1E104KBM	E.CAPACITOR CH 25V 0.1U	1	
C2905		ECUM1E104KBM	E.CAPACITOR CH 25V 0.1U	1	
C2906		ECUM1E104KBM	E.CAPACITOR CH 25V 0.1U	1	
C2907		ECUM1E683KBM	E.CAPACITOR CH 25V 0.068U	1	
C2908		ECUM1E473KBM	E.CAPACITOR CH 25V 0.047U	1	
C2909		ECQV1H104JS	P.CAPACITOR 25V 0.1U	1	
C2910		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C2911		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C2912		ECEA0JKS220	E.CAPACITOR 6.3V 22U	1	
IC2901		AN3815K	IC	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
P2901		VJP2603W	CONNECTOR(MALE)	1	
P2902		VJP1232	CONNECTOR(MALE)	1	
R2901		ERX12SJR47	RESISTOR	1	
	■	VEP00K88C	FE HEAD C.B.A.		(NLA)
			CAPACITORS		
C1401		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C1402		ECQB1H472JH	P.CAPACITOR 50V 4700P	1	
C1403		ECQB1H333KH	P.CAPACITOR 50V 0.033U	1	
CR1401		EXED103Z333C	CAPACITOR-RESISTOR	1	
L1401		VLQEL05F101K	COIL 100UH	1	
P1502		VJP1148	CONNECTOR 2P	1	
Q1401		2SD636	TRANSISTOR	1	(R)
T1401		EIQ7QF012Q	TRANSFORMER	1	
	■	VEP00M86A	FG AMP C.B.A.		(NLA)
			CAPACITORS		
C1510		ECUM1H101JCN	C.CAPACITOR 50V 100P	1	
C1511		ECUM1H104ZFM	C.CAPACITOR 50V 0.1U	1	
C1512		ECEA1CK470U	E.CAPACITOR 16V 47U	1	
C1513		ECUM1H101JCN	C.CAPACITOR 50V 100P	1	
C1514		ECUM1H104ZFM	C.CAPACITOR 50V 0.1U	1	
IC1501		UPC358G	IC	1	
L1510,11		VLP0083	FILTER	2	
P1505		VJS1456	CONNECTOR(FEMALE)	1	
P1506		VJS1685	CONNECTOR	1	
			RESISTORS		
R1510		ERJ6GMYJ102	CHIP 1/10W 1K	1	
R1511		ERJ6GMYJ473	CHIP 1/10W 47K	1	
R1512		ERJ6GMYJ105	CHIP 1/10W 1M	1	
R1513-16		ERJ6GMYJ332	CHIP 1/10W 3.3K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R1517		ERJ6GMYJ105	CHIP 1/10W 1M	1	
R1518		ERJ6GMYJ102	CHIP 1/10W 1K	1	
R1519		ERJ6GMYJ473	CHIP 1/10W 47K	1	
	■	VXA3825	MECHANISM CONNECTION C.B.A.		(NLA)
IC1501,02		ON2170	PHOTO COUPLER	2	
P1504		VJS1493	CONNECTOR 15P	1	
	■	VEK3578	PHOTO Tr.(S) C.B.A.		(NLA)
C1501		ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
Q1501		PN150NV	PHOTO TRANSISTOR	1	
			MISCELLANEOUS		
		VMD0645	PHOTO TRANSISTOR HOLDER	1	
	■	- - - - -	PHOTO Tr.(T) C.B.A.		(NLA)
C1502		ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
Q1502		PN150NV	PHOTO TRANSISTOR	1	
R1503		ERDS2TJ222	C.RESISTOR 1/2W 2.2K	1	
			MISCELLANEOUS		
		VMD0645	PHOTO TRANSISTOR HOLDER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP66107A	REMOTE CONTROLLER(A) C.B.A.		(NLA)
			CAPACITORS		
C6802,03		ECUM1H221JN	C.CAPACITOR CH 50V 220P	2	
C6804		ECEA1HKS010	E.CAPACITOR 50V 1U	1	
C6805		ECEA1HKSR22	E.CAPACITOR 50V 0.22U	1	
C6806		ECUX1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
D6801		LN66S	LED	1	
D6804-12		MA165	DIODE	9	
IC6801		M34200V1AC	IC	1	
Q6801		2SB709	TRANSISTOR CHIP	1	(Q,R,S)
Q6802-05		2SD601	TRANSISTOR CHIP	4	(Q,R,S)
Q6806		2SB709	TRANSISTOR CHIP	1	(Q,R,S)
Q6807,08		2SD601	TRANSISTOR CHIP	2	(Q,R,S)
QR6801		UN1231	TRANSISTOR-RESISTOR	1	
QR6802,03		FA1L4M	TRANSISTOR-RESISTOR	2	
QR6804		FA1A4P	TRANSISTOR-RESISTOR	1	
			RESISTORS		
R6801		ERDS2TJ3R9	C.RESISTOR 1/4W 3.9	1	
R6804		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6806,07		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	2	
R6808		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6809		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6810		ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6811		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6812		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R6813		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6814		ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6815		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6816		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R6817-21		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	5	
R6823		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6824		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6825		ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R6826		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6827		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6828		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6831		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6835		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6836,37		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
X6801		VSX0179	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJR0499	ELECTRODE(+)	1	
		VJR0500	ELECTRODE(-)	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP66082A	REMOTE CONTROLLER(B) C.B.A.		(NLA)
			CAPACITORS		
C6801		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
D6802,03		LN222RP	DIODE	2	
			RESISTORS		
R6802		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
			MISCELLANEOUS		
		VSQ0654	PHOTO SENSOR	1	
		VMX0469	FIP SPACER	2	
	■	VEP66077C	DIGITAL SCANNER C.B.A.		(NLA)
			CAPACITORS		
C02		ECEV1CAN4R7R	E.CAPACITOR 16V 4.7U	1	
C03-05		ECUM1E104ZFM	C.CAPACITOR CH 25V 0.1U	3	
C06		ECEV1CA470P	E.CAPACITOR 16V 47U	1	
C07,08		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	2	
C09		ECUM1E104ZFM	C.CAPACITOR CH 25V 0.1U	1	
C10-12		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C13		ECEV1HA010	E.CAPACITOR 50V 1U	1	
D04		MA151A	DIODE	1	
D06		SE303ACY	DIODE	1	
IC01		MN158453VFL	IC	1	
IC02		AN8355S	IC	1	
L01		ELT3K017B	COIL	1	
LCD01		VSL0177	LCD	1	
Q02		2SB710	TRANSISTOR CHIP	1	(Q,R,S)
Q03		2SB709	TRANSISTOR CHIP	1	(Q,R,S)
Q04		2SD601	TRANSISTOR CHIP	1	(Q,R,S)

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
QR02		FN1L4M	TRANSISTOR-RESISTOR	1	
QR04		FA1L4Z	TRANSISTOR-RESISTOR	1	
			RESISTORS		
R01		ERJ6GMYJ120	M.RESISTOR CH 1/10W 12	1	
R02		ERJ6GMYJ684	M.RESISTOR CH 1/10W 680K	1	
R03		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R04		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R05		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R06		ERJ6GMYJ334	M.RESISTOR CH 1/10W 330K	1	
R07		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R08		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R09		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R13		ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R16,17		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	2	
R18		ERJ8GCYJ120	M.RESISTOR CH 1/8W 12	1	
R19		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R21		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R29		ERJ8GCYJ150	M.RESISTOR CH 1/8W 15	1	
SN01		VSQ0567	SENSOR	1	
SW01		VSS0126	SWITCH	1	
SW02		EVQQFV02K	SWITCH	1	
VR09		EVNDXAA00B34	V.RESISTOR 30K	1	
X01		VSX0245	CRYSTAL OSC.	1	
X02		EFBAL30D001K	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VGQ1406	TERMINAL BASE	1	
		VJR0401	TERMINAL ANGLE	2	
		VMX1324	SPACER	1	