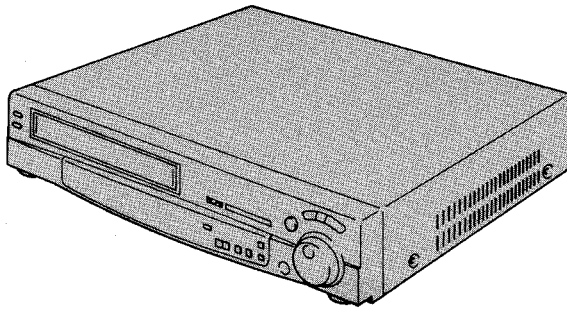


Service Manual

Video Cassette Recorder

Panasonic **VHS**
PAL

NV-HD100 ^{EC}_{EE}
K-MECHANISM

SPECIFICATIONS \ ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ
DESCRIPTIONS \ ОБЩЕЕ ОПИСАНИЕ
SERVICE INFORMATION \ СЕРВИСНАЯ ИНФОРМАЦИЯ
SERIAL DATA/CLOCK TRANSMISSION ERROR DISPLAY \ КОДЫ ОШИБОК
SERVICE INFORMATION DISPLAY \ ИНДИКАЦИЯ СЕРВИСНОЙ ИНФОРМАЦИИ
ADJUSTMENT PROCEDURES \ ПРОЦЕДУРЫ НАСТРОЙКИ
DISASSEMBLY METHOD \ МЕТОДИКА РАЗБОРКИ
MECHANICAL ADJUSTMENT PROCEDURES \ МЕТОДИКА МЕХАНИЧЕСКОЙ НАСТРОЙКИ
ELECTRICAL ADJUSTMENT PROCEDURES \ МЕТОДИКА ЭЛЕКТРИЧЕСКОЙ НАСТРОЙКИ
SCHEMATIC DIAGRAMS \ ПРИНЦИПИАЛЬНЫЕ СХЕМЫ
POWER SCHEMATIC DIAGRAM \ ПРИНЦИПИАЛЬНАЯ СХЕМА БЛОКА ПИТАНИЯ
LUMINANCE & CHROMINANCE & AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM \ ПРИНЦИПИАЛЬНАЯ СХЕМА ОБРАБОТКИ ВИДЕО СИГНАЛА (ОСНОВНАЯ ПЛАТА)
SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM \ ПРИНЦИПИАЛЬНАЯ СХЕМА СИСТЕМЫ УПРАВЛЕНИЯ И СЕРВОПРИВОДА (ОСНОВНАЯ ПЛАТА)
AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM \ ПРИНЦИПИАЛЬНАЯ СХЕМА ОБРАБОТКИ АУДИО СИГНАЛА (ОСНОВНАЯ ПЛАТА)
LUMINANCE & CHROMINANCE PACK SCHEMATIC DIAGRAM \ ПРИНЦИПИАЛЬНАЯ СХЕМА ОБРАБОТКИ ВИДЕОСИГНАЛА
HI-FI AUDIO PACK SCHEMATIC DIAGRAM \ ПРИНЦИПИАЛЬНАЯ СХЕМА ОБРАБОТКИ АУДИО СИГНАЛА
INPUT/OUTPUT PACK SCHEMATIC DIAGRAM (NV-HD100EC) \ ПРИНЦИПИАЛЬНАЯ СХЕМА МОДУЛЯ ВВОДА-ВЫВОДА СИГНАЛОВ (NV-HD100EC)
INPUT/OUTPUT PACK SCHEMATIC DIAGRAM (NV-HD100EE) \ ПРИНЦИПИАЛЬНАЯ СХЕМА МОДУЛЯ ВВОДА-ВЫВОДА СИГНАЛОВ (NV-HD100EE)
HEAD AMP SCHEMATIC DIAGRAM \ ПРИНЦИПИАЛЬНАЯ СХЕМА УСИЛИТЕЛЯ ВИДЕОГОЛОВОК
TIMER & OPERATION SCHEMATIC DIAGRAM \ ПРИНЦИПИАЛЬНАЯ СХЕМА ТАЙМЕРА И КОНСОЛИ УПРАВЛЕНИЯ
DECODER PACK SCHEMATIC DIAGRAM (NV-HD100EC) \ ПРИНЦИПИАЛЬНАЯ СХЕМА ДЕКОДЕРА (NV-HD100EC)
DECODER PACK SCHEMATIC DIAGRAM (NV-HD100EE) \ ПРИНЦИПИАЛЬНАЯ СХЕМА ДЕКОДЕРА (NV-HD100EE)
NICAM DECODER PACK SCHEMATIC DIAGRAM (NV-HD100EC) \ ПРИНЦИПИАЛЬНАЯ СХЕМА ДЕКОДЕРА НИКАМ (NV-HD100EC)
TV DEMODULATOR PACK SCHEMATIC DIAGRAM (NV-HD100EE) \ ПРИНЦИПИАЛЬНАЯ СХЕМА ДЕМОДУЛЯТОРА (NV-HD100EE)
TV DEMODULATOR PACK SCHEMATIC DIAGRAM (NV-HD100EC) \ ПРИНЦИПИАЛЬНАЯ СХЕМА ДЕМОДУЛЯТОРА (NV-HD100EC)
EXPLODED VIEWS & MECHANICAL PARTS LIST \ СБОРОЧНЫЕ ЧЕРТЕЖИ И СПИСОК МЕХАНИЧЕСКИХ ЗАПАСНЫХ ЧАСТЕЙ
CHASSIS PARTS SECTION (1) \ ШАССИ, СЕКЦИЯ 1
CHASSIS PARTS SECTION (2) \ ШАССИ, СЕКЦИЯ 2
CASING PARTS SECTION \ КОРПУС
PACKING PARTS SECTION \ УПАКОВОЧНЫЕ МАТЕРИАЛЫ
ELECTRICAL REPLACEMENT PARTS LIST \ СПИСОК ЭЛЕКТРИЧЕСКИХ ЗАПАСНЫХ ЧАСТЕЙ
Panasonic

SPECIFICATIONS

ITEM	SPECIFICATION		ITEM	SPECIFICATION
POWER	SOURCE: 220-240V AC 50/60Hz		VIDEO	OUTPUT: EURO AV Connector (21 pin) 1.0Vp-p, 75Ω unbalanced (NV-HD100EC) VIDEO OUT Connector (Phono type) 1.0Vp-p, 75Ω unbalanced (NV-HD100EE)
	CONSUMPTION: 33 watts (NV-HD100EC) 32 watts (NV-HD100EE)			
RECORDING SYSTEM	2 rotary heads, helical scanning system		AUDIO	HEAD: 1 Stationary head (Normal Audio) 2 rotary heads (Hi-Fi 2CH)
	PAL			
TV TUNER SYSTEM	NV-HD100EC	VHF I: CHE2~CHS3 VHF III: CHM1~CHE12 VHF H: CHU1~CHS41 (PAL/SECAM B) UHF: CH21~CH69 (PAL/SECAM G) 75Ω terminated	AUDIO	INPUT: AUDIO IN Connector (Phono type) More than -10dBV (316mV), more than 47kΩ EURO AV Connector (21 pin) More than -6dBV (500mV), more than 10kΩ (NV-HD100EC) MICROPHONE JACK - 70dBV
	NV-HD100EE	VHF I: CHR1~CHR5 (SECAM D) CHE2~CHS3 (PAL/SECAM B) VHF III: CHR6~CHR12 (SECAM D) CHM1~CHU10 (PAL/SECAM B) UHF: CH21~CH69 (PAL G/SECAM G. K) 75Ω terminated		
RF OUT SYSTEM	NV-HD100EC	UHF: CH36±4 (PAL/SECAM G) 70± $\frac{2}{3}$ dBμ, 75Ω terminated	TAPE FORMAT	VHS Cassette tape (Tape width 12.7mm)
	NV-HD100EE	UHF: CH38± $\frac{2}{3}$ (PAL/SECAM G. K) 73±3dBμ, 75Ω terminated	TAPE SPEED	SP: 23.39mm/s (PAL), 33.35mm/s (NTSC) LP: 11.695mm/s (PAL), 11.12mm/s (NTSC) Record/Playback Time: SP: 4 hours with 240 min. type tape LP: 8 hours with 240 min. type tape FF/REW Time: 2.5 min. with 180 min. type tape
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)		DIMENSIONS	430(W)×96(H)×362(D) mm
	INPUT: EURO AV Connector (21 pin) 1.0Vp-p, 75Ω unbalanced (NV-HD100EC) VIDEO IN Connector (Phono type) 1.0Vp-p, 75Ω unbalanced (NV-HD100EE)		WEIGHT	5.3kg
			STANDARD ACCESSORIES	1 pc. DIN-RF Cable 1 pc. Infra-red Remote Controller 1 pc. Audio Cables 1 pc. AC Mains Lead 1 pc. Programme Sheet

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

SECTION 1 GENERAL DESCRIPTIONS

1-1. SERVICE INFORMATION

1-1-1. K-MECHANISM INFORMATION

A. SERVICE POSITION

When servicing the K-Mechanism, the Mechanism can easily be fixed by standing the Mechanism up in the Main Frame as shown below to check easily.
In this position, the following services are possible.

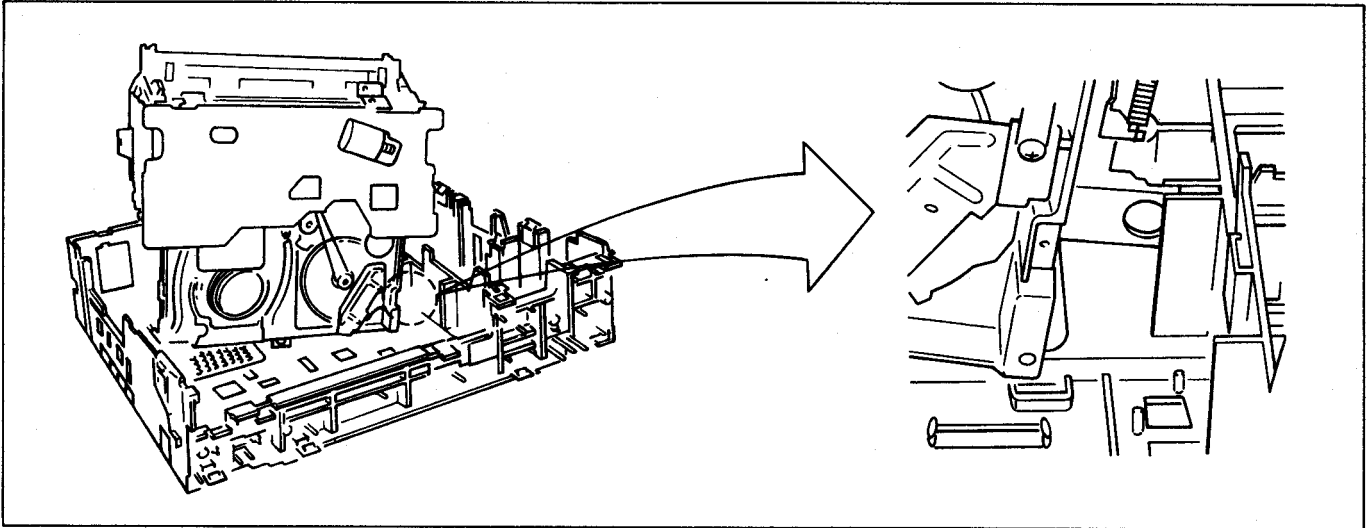


Fig. S1

A-1. CHECKING OF GEAR PHASE ALIGNMENT CONDITION

- 1) Remove the Mechanism Connection C.B.A.
- 2) Check gear phase visually.
(Refer to the Phase Alignment Condition of Mechanism described on the bottom side of Frame.)

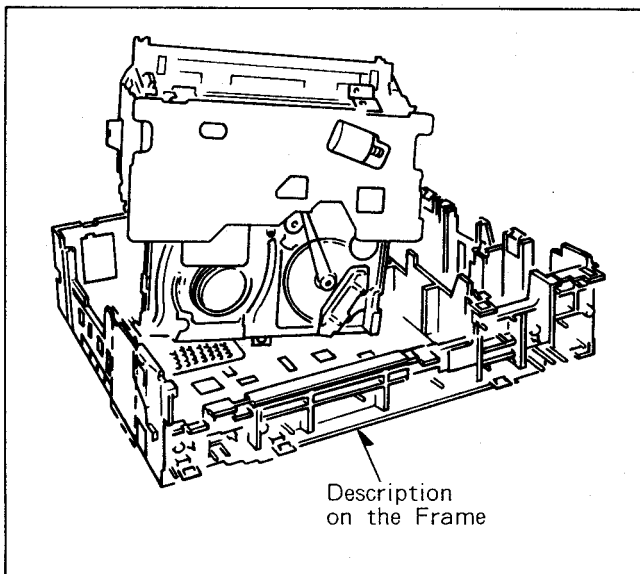


Fig. S2

A-2. Checking of Loading / Unloading Operation.

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

1. HAND OPERATION

- 1) Remove the Mechanism Connection C.B.A.
- 2) Turn the Worm Gear or the WORM WHEEL GEAR (Remove the Loading Motor Unit) manually.

2. BATTERY OPERATION

- 1) Remove the Mechanism Connection C.B.A.
- 2) Connect the Battery or Power Supply (+6V) to the Loading Motor terminals.

3.SERVICE INFORMATION DISPLAY OPERATION

- 1) Set the Service information Display mode.(Press the "EJECT" button while turning the "SHUTTLE RING" clockwise.)
- 2) Momentarily make a short circuit as shown in Fig.S3.(The end of display on the Display becomes "--".)
- 3) IN the above condition, The Loading Motor rotates for loading operation by pressing the "PLAY" button. The Loading Motor rotates for unloading operation by pressing the "STOP" button.

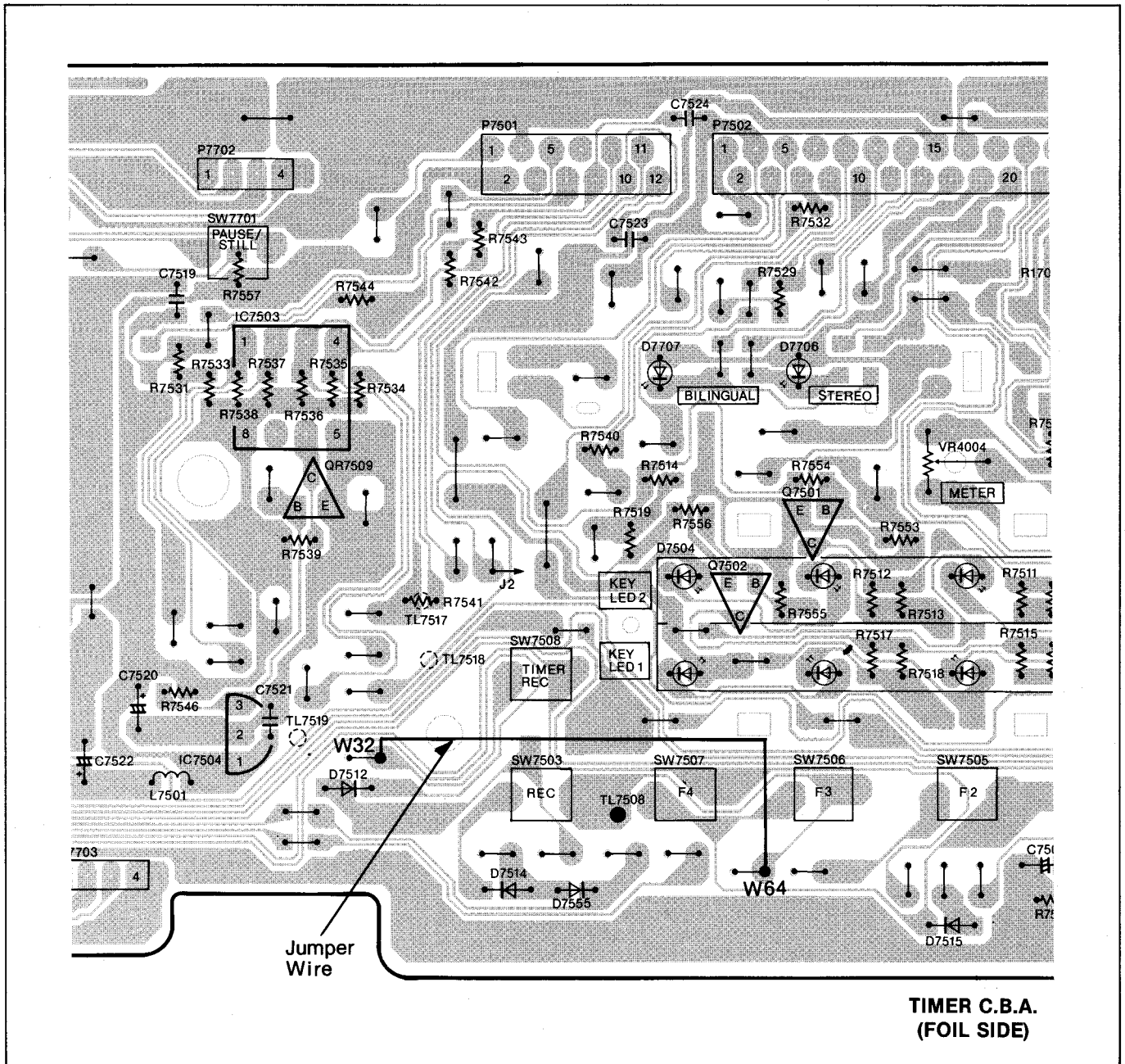


Fig. S3

Remark:

After checking, check the "SERVICE INFORMATION DISPLAY" mode for final confirmation of movement of Mechanism.

A-3. Checking of operation of Reel Gears.

- 1) Remove the Mechanism Connection C.B.A.
- 2) Set mechanism to "PLAY" position by manual operation of loading.
- 3) Turn the "Rotor Unit" to check movement of reel gears.

B. REPLACEMENT OF CYLINDER UNIT

The Cylinder Unit can be replaced easily by the following method.

- 1) Remove the Top Panel.
- 2) Remove the 3 screws of the Cylinder Unit with a magnetized screw driver through the holes on the Bottom Plate as shown in Fig.S4.

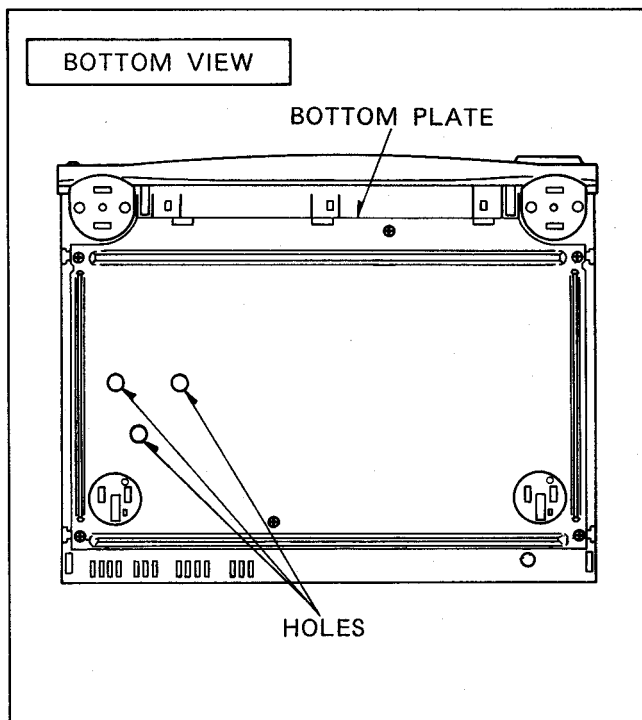


Fig. S4

C. ASSEMBLY OF CAPSTAN STATOR UNIT

When replacing the CAPSTAN STATOR UNIT, the CENTRE FIXING TOOL (VFK0851) must be used to fix the centre of CAPSTAN STATOR UNIT.

Method:

- 1) Place the CAPSTAN STATOR UNIT into position.
- 2) Loosely tighten the 3 screws.
- 3) Insert the CENTRE FIXING TOOL (VFK0851) as shown in Fig.S5.
- 4) Tighten the 3 screws.
- 5) Remove the CENTRE FIXING TOOL.

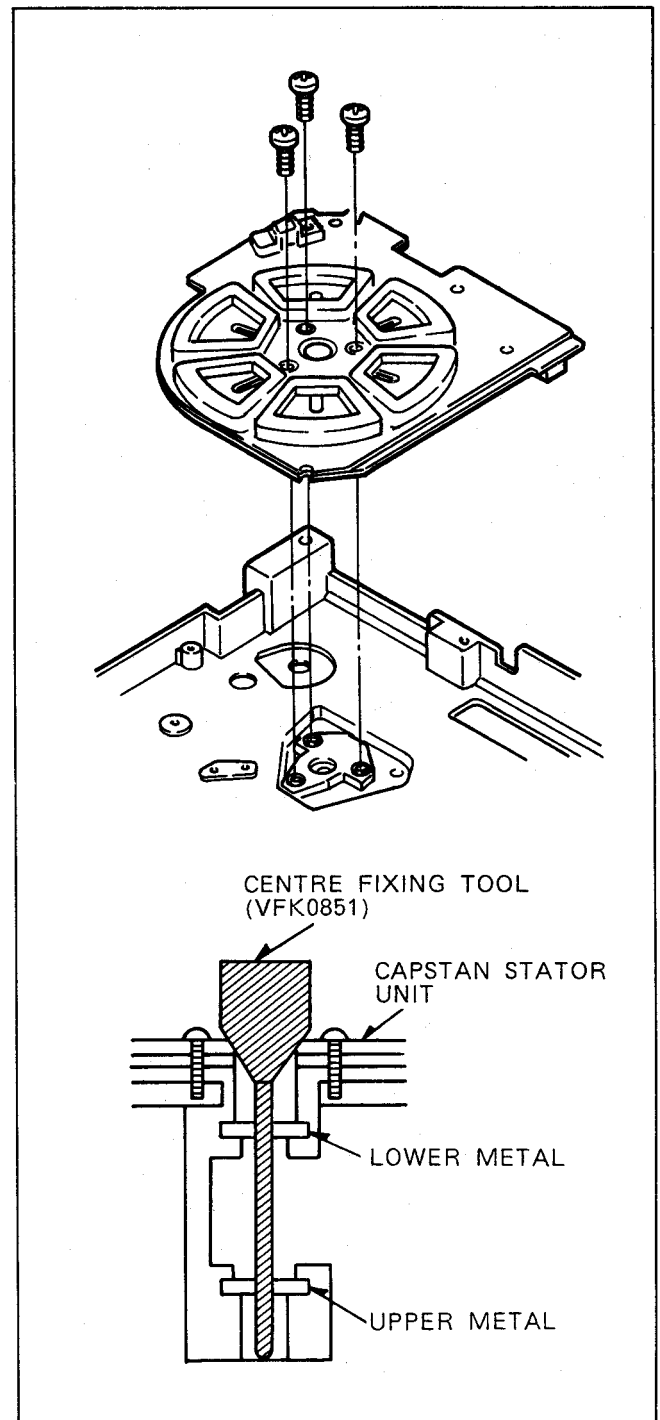


Fig. S5

D. EJECT OPERATION

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

<NOTE>

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

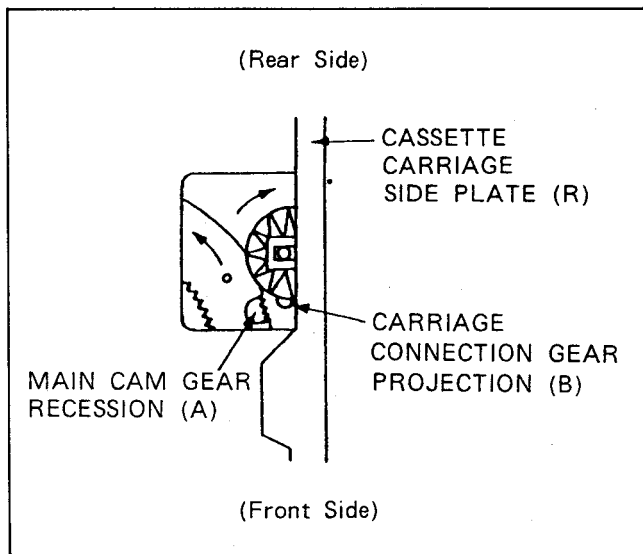


Fig. S6 Top View of Eject Operation

E. TAKE-UP PHOTO SENSOR OPERATION

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

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

F. SERVICING OF POWER TR. C.B.A.

When removing the connector on the Power Tr. C.B.A., hold the P. C. Board by hand to prevent damage of the Power Tr.

1-1-2. REMOVAL OF THE CASSETTE TAPE.

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

1. HAND OPERATION

- 1) Remove the bottom plate.
- 2) Turn the WORM GEAR to "A" arrow mark direction manually as shown in Fig.S7, moving the LOADING POST to the unloaded position.
- 3) Turn the CAPSTAN clockwise to take up the tape.
- 4) Turn the WORM GEAR again to eject the cassette.

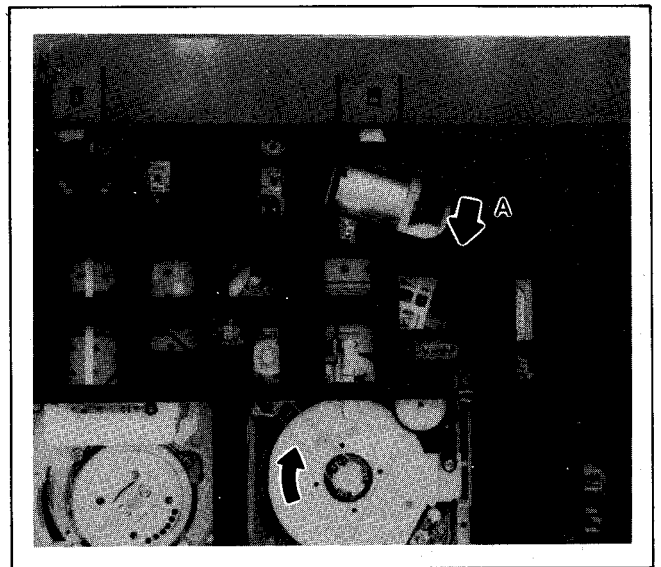


Fig. S7

2. BATTERY OPERATION

- 1) Connect the battery to P1503 as shown in Fig.S8.
- 2) After moving the LOADING POST to the unloaded position, disconnect the battery to stop the motor.
- 3) Turn the CAPSTAN to clockwise to take up the tape.
- 4) Reconnect the battery to eject the cassette.

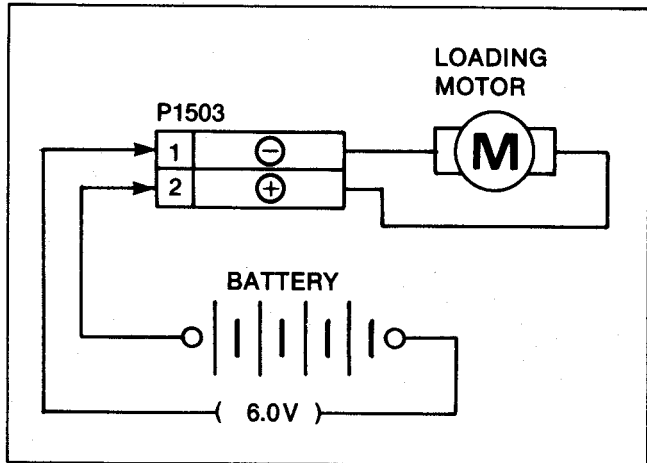


Fig. S8

1-1-3. INSTALLATION OF FLAT CARD CABLE

When installing of the Flat Card Cable to the connector, make sure the direction of the Flat Card Cable. The Insulation Sheet side is backside.

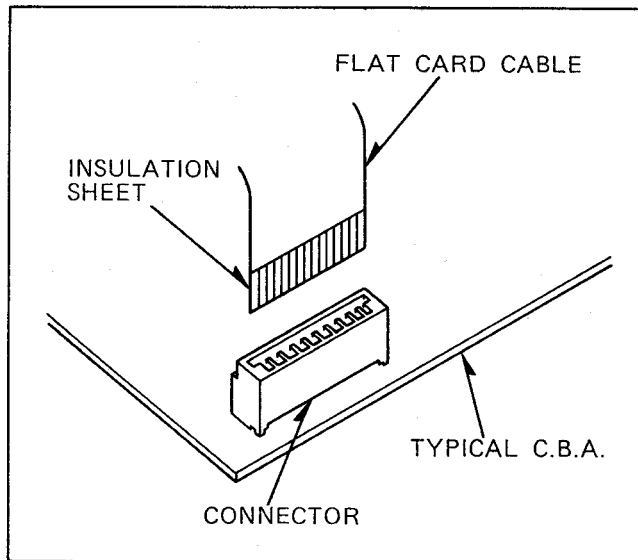


Fig. S10

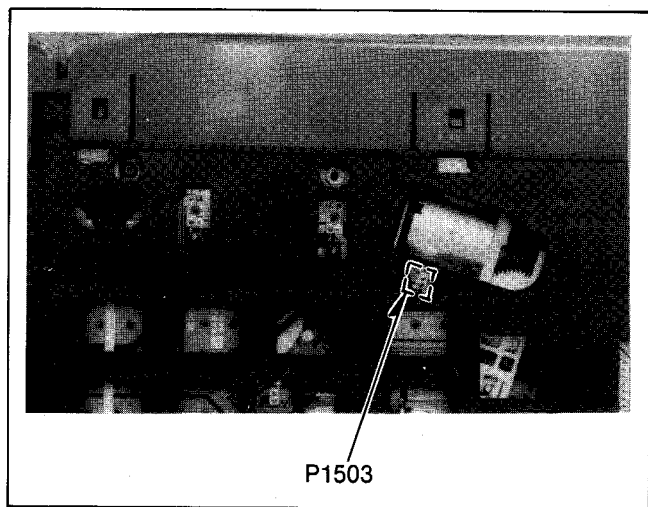


Fig. S9

1-1-4. INITIALIZATION OF CHANNEL MEMORY IC
(IC7503/XLJ9021B)

When replacing the channel memory IC (IC7503/XLJ9021B), the memory IC should be initialized to keep formal specification.)

Note:

- 1) It should be performed before tuning.
- 2) During initialization or after initialization within 1 second, do not stop the power source. (Do not disconnect AC cord.)
- 3) Meaning of "INITIALIZATION" is to erase the "SKIP CH" In other words the number of channel position is the same as displayed channel.

Method:

- 1) Press the Ch UP/DOWN Button so that the Channel indicator indicates "3".
- 2) Connect a jumper wire between Pin 54 and Pin 35 of Ic7501 for more than 1 second.
- 3) Channel indication changes from "3" to "1".

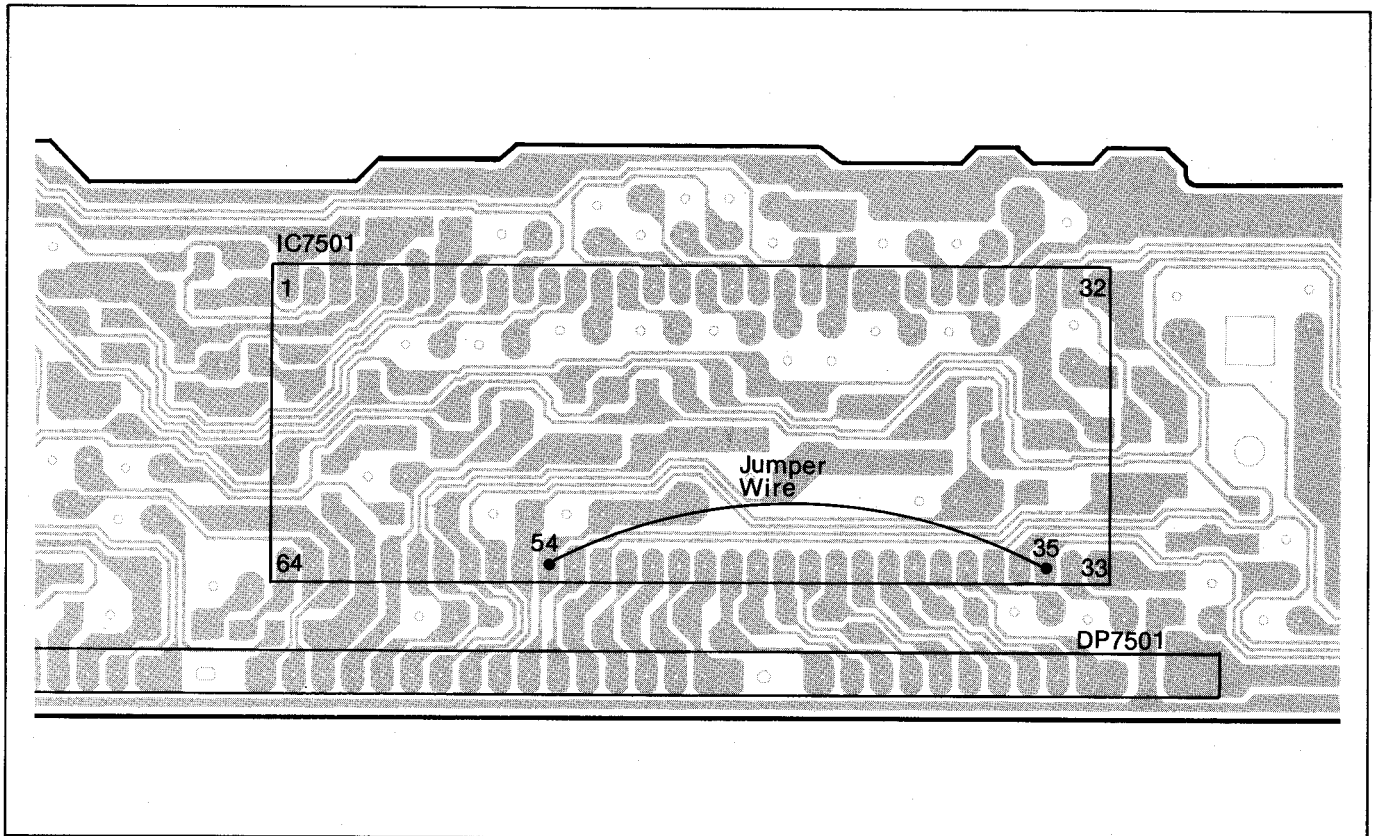


Fig. S11

1-2. SERIAL CLOCK TRANSMISSION ERROR DISPLAY

If the Serial Clock is not transmitted from IC6001 to IC7501, "E9" is displayed as shown in Fig.T1. This indication will be displayed either during the Service Information Display mode or in normal mode.

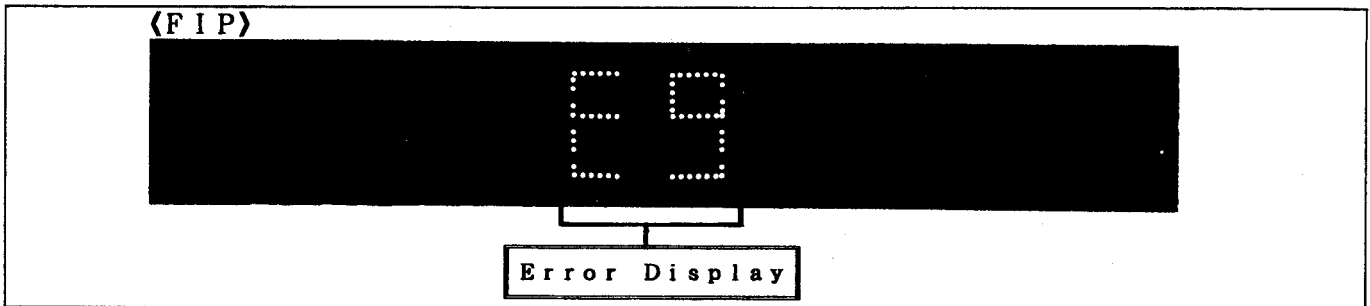


Fig. T1 Serial Data/Clock Transmission Error Display

1-3. SERVICE INFORMATION DISPLAY

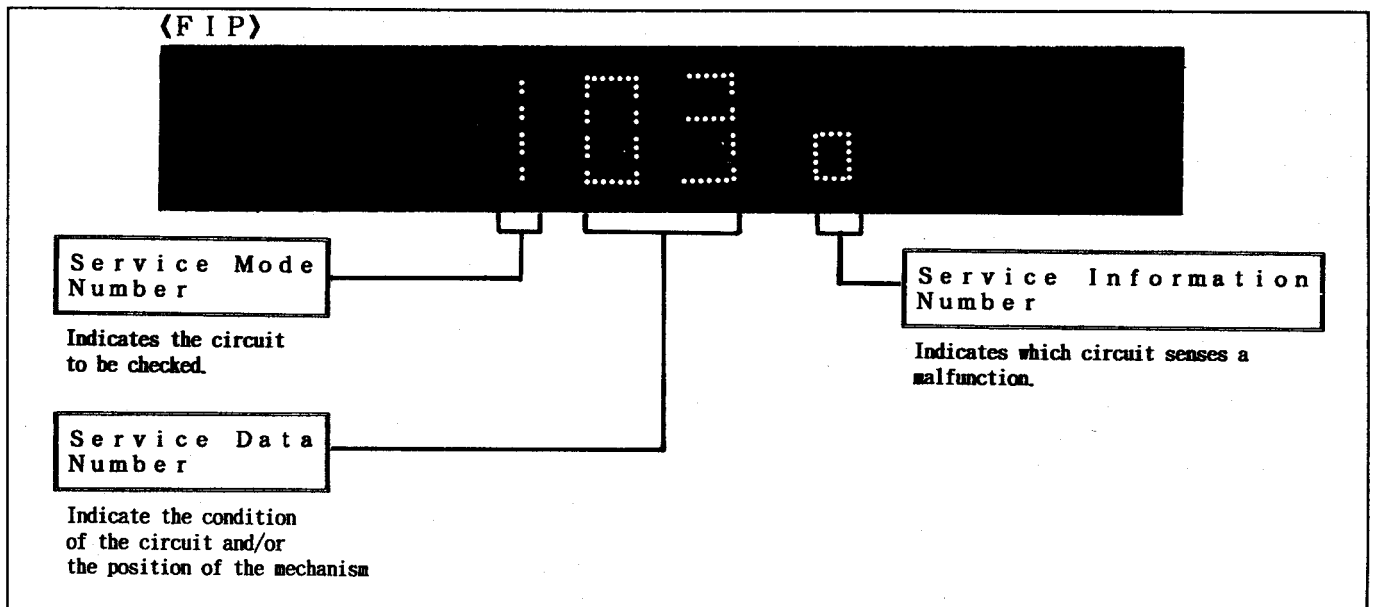


Fig. D1 Service Information Display

1-3-1. Purpose of Service Information Display

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

1-3-2. Turning on Service Information Display

There are two ways to turn on the Service Information Display.

- (1) Turn the Shuttle Ring to FF then push the Eject button. The Service Information will be displayed for 1 minute.
- (2) Connecting a jumper wire between TP6010 and TP6011 will display the service information indefinitely.

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

The first digit indicates which other 6 service modes that the unit is Currently in.

- MODE 1 : Check tape protection circuit
- MODE 2 : Check tape transport mechanism
- MODE 3 : Check mode switching operation
- MODE 4 : Check control buttons
- MODE 5 : Check capstan motor
- MODE 6 : Check cylinder motor

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

The fourth digit is the service Information display. It is to be used by the consumer to help determine the source of a malfunction. The service information display operates independently of the service modes and stores the fault indication in memory for as long as AC power is supplied.

1-3-3. Use of Service Modes

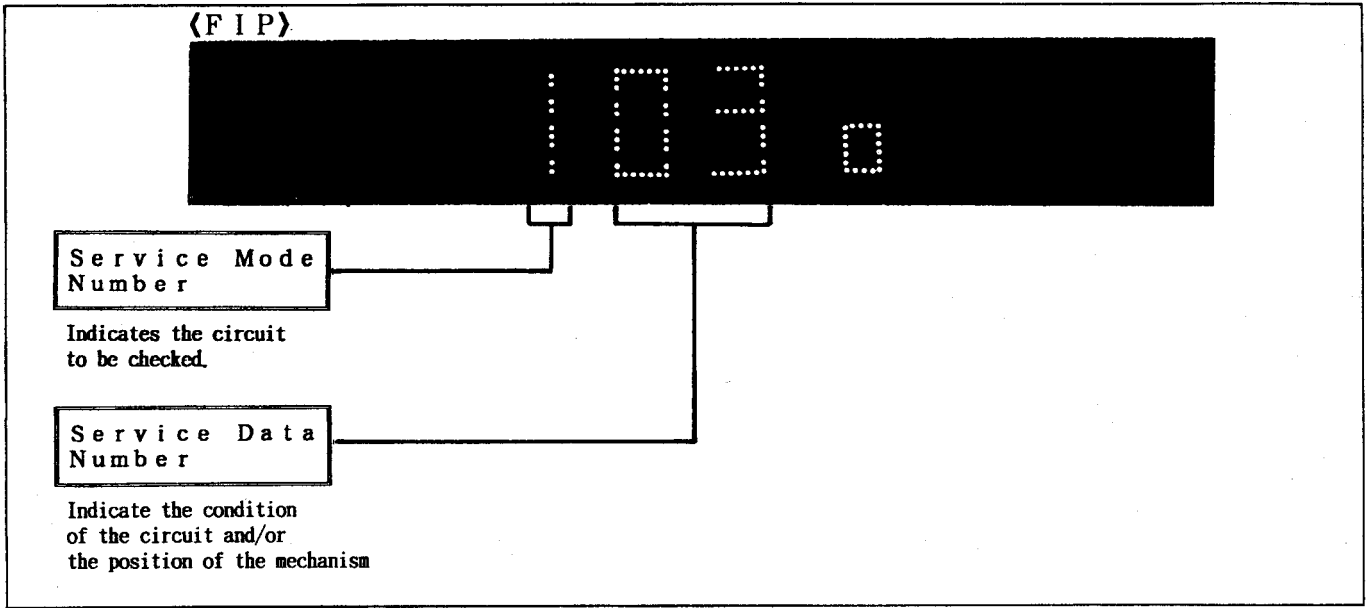


Fig. D2 Service Mode Number and Service Data Number on S.I.D.

- (1) Turn on Service Information Display.
- (2) To change Service Modes turn the shuttle ring to FF then push the Eject button.

(3) Mode 1 : Checks that the Sensor LED, Supply & Take-up Sensor circuits check the circuits by blocking the light from the Sensor LED to either or both Supply & Take-up Sensors.



When the light is blocked to both sensors, "00" should be indicated on the service data number. When the light is blocked to the supply sensor, "01" should be indicated.

(4) Mode 2 : Checks the mode switch circuit while indicating mechanism position.



Service Data Numbers indicate the position of the mode switch and there by the mechanism position.

(5) Mode 3 : Checks that mode switch circuit operations have been completed.



Service Data Number should indicate "00" after each mechanism operation is completed.

(6) Mode 4 : Checks the operation circuit. Indicates if IC6001 receives the operating commands from the mode buttons and/or remote controller.



(7) Mode 5 : Checks the capstan motor circuit. Indicates if the IC6001 has received the command to rotate the capstan motor.



(8) Mode 6 : Checks the cylinder motor circuit. IC6001 has received the command to rotate the cylinder motor.



<NOTE>

Refer to Fig.D5 for details of Service Data Number.

1-3-4. Service Information Number

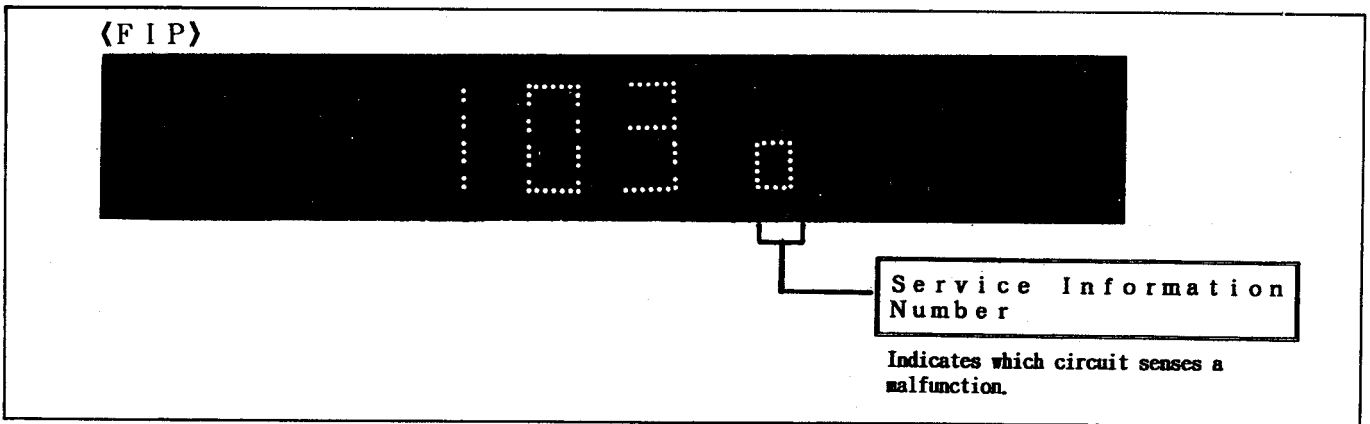


Fig. D3 Service Information Number on S.I.D.

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

Note:

The Service Information Number display is independent of the service mode display. The Service Information Number will be stored as long as AC power is supplied. If a second error occurs, the most current error will be displayed.

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

Fig. D4 Service Information

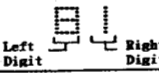
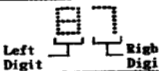
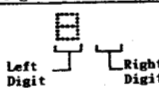
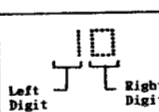
Service mode Number	Note for checking Service Data Numbers	Service Data Numbers	Indication	Remarks
1	_____	00	No light detected at either sensor	Tape not required
		01	Tape Beginning. Light to Supply Photo Sensor is blocked.	
		02	Tape End. Light to Take-up Photo Sensor is blocked.	
		03	Light detected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

Fig. D5 Service Data Display and Indication

SERVICE DATA NUMBERS	MODE BUTTONS	SERVICE DATA NUMBERS	MODE BUTTONS
37	OPERATE	54	RESET
01	EJECT	5	ZERO STOP
09	AUDIO DUB	-0	INPUT SELECT
A3	INSERT	49.40	INDEX
-9	PAL/MESECAM	A1.A2	TRACKING(+, -)/V-LOCK
—	CHECK/PROG.	9	REPEAT
34 OR 35	^V, +-	8	SKIP
—	NEXT/SP/LP	—	TAPE SELECT
—	SLEEP/SHIFT	—	PROG.
A4	TIMER REC	—	NEXT
08	REC	—	RECORDING SP/LP
—	CLOCK SET	—	CANCEL
—	TUNER PRESET	10	SU(1)
80	PAUSE/STILL	11	MO(2)
00	PLAY	12	TU(3)
00	STOP	13	WE(4)
0-, 07	JOG DIAL (FRAME ADV, REVERSE ADV)	14	TH(5)
03, 02	SHUTTLE RING (FF, REV)	15	FR(6)
—	TV/VTR	16	SA(7)
—	SCANNER ON/OFF	17	SU-SA(8)
—	TRANSMIT	18	MO-SA(9)
0	SEARCH	19	MO-FR(0)
8L	+ (REMOTE CONTROLLER)	3A	-/--
8	- (REMOTE CONTROLLER)		
—	DISPLAY		

Fig. D6 Service Data Display for Service mode 4

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

System control IC6001 senses the mechanism position through the Mode SW. Fig.D7 shows the timing for Service Mode Number 2.

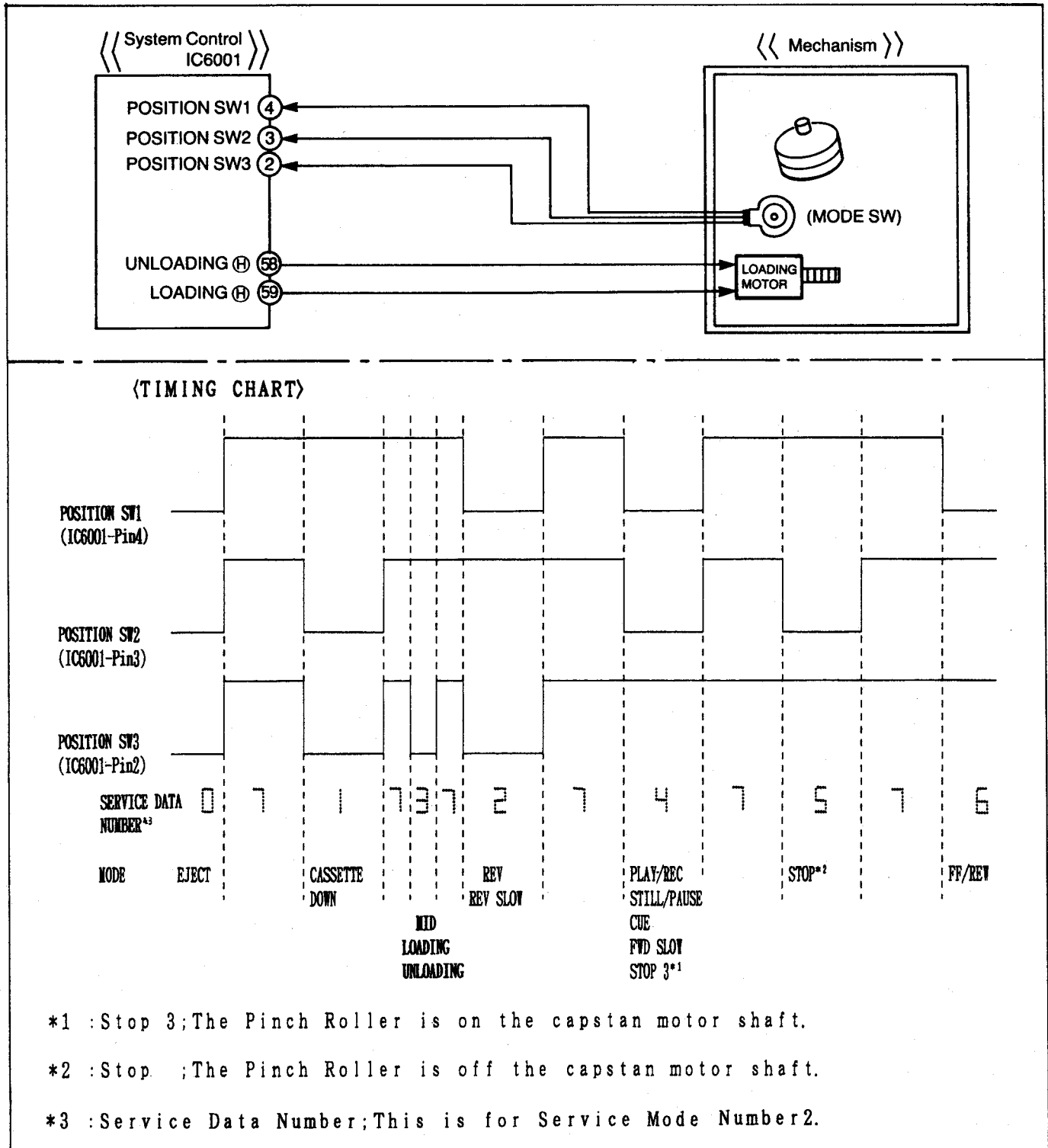


Fig. D7 Timing Chart of Mode SW

SECTION 2 ADJUSTMENT PROCEDURES

2-1. DISASSEMBLY METHOD

2-1-1. DISASSEMBLY FLOW CHART

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

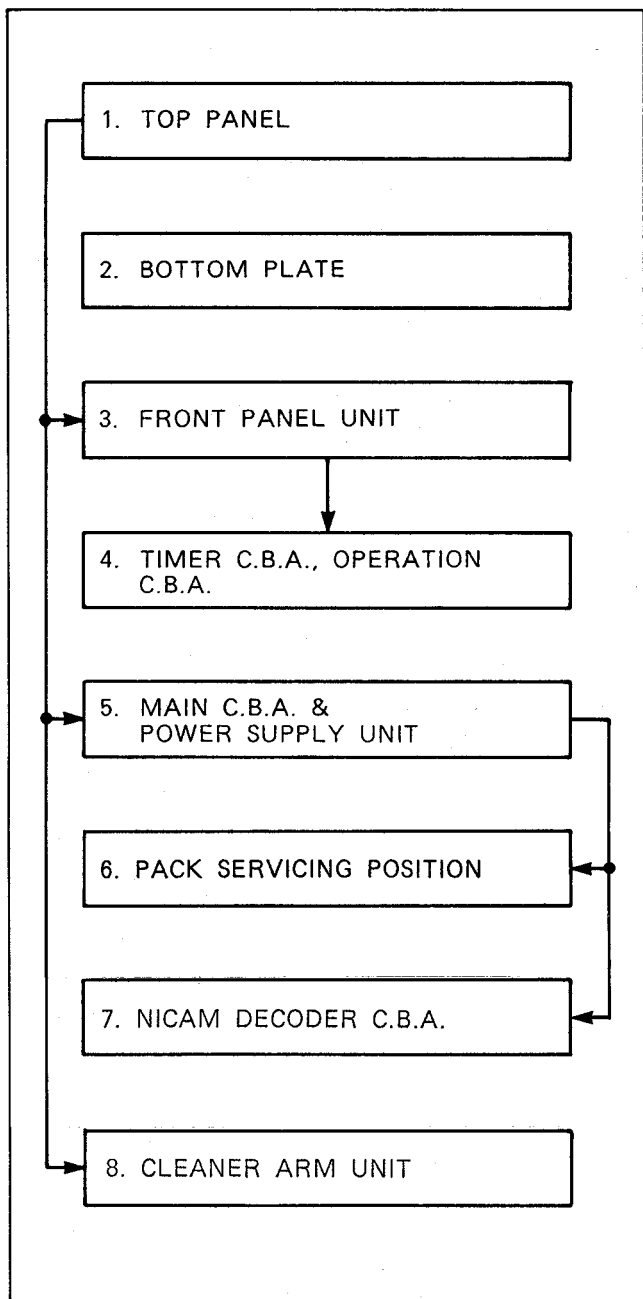


Fig. D1

1. REMOVAL OF THE TOP PANEL

Remove.....4 Screws(A)

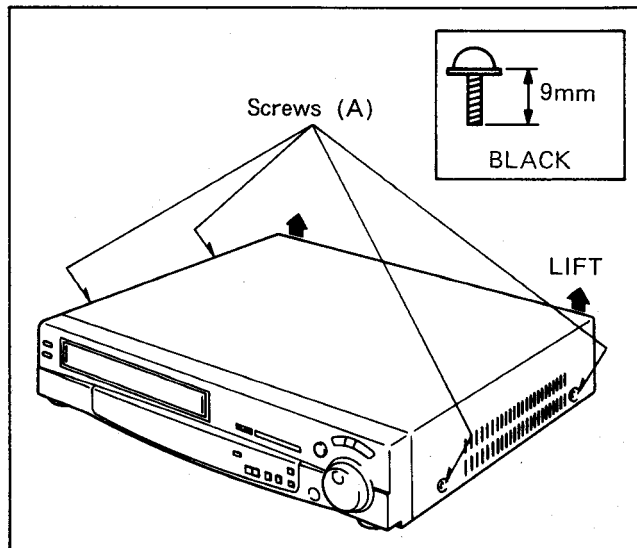


Fig. D2

2. REMOVAL OF THE BOTTOM PLATE

Remove.....6 Screws(B)

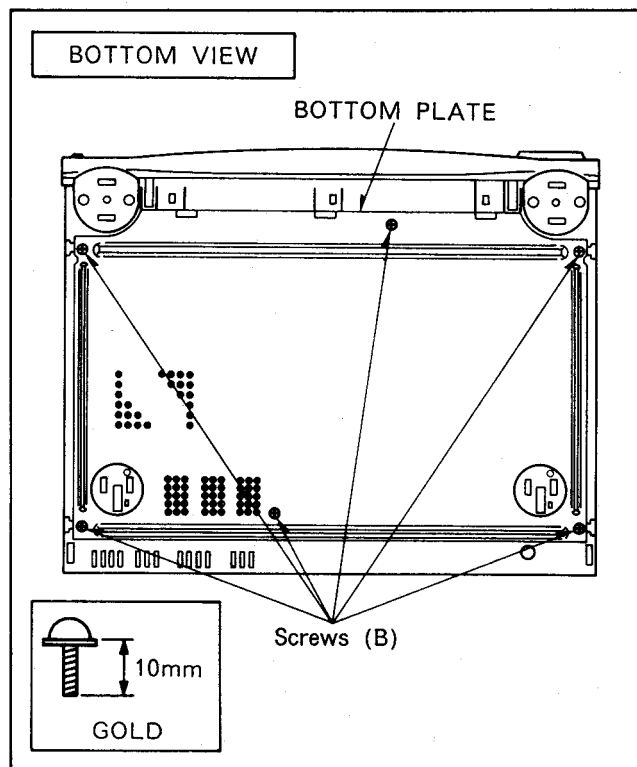


Fig. D3

3. REMOVAL OF THE FRONT PANEL UNIT

Pull out...Jog&Shuttle knob
 Remove.....Screw(C)
 Unlock.....8 Tabs(D)

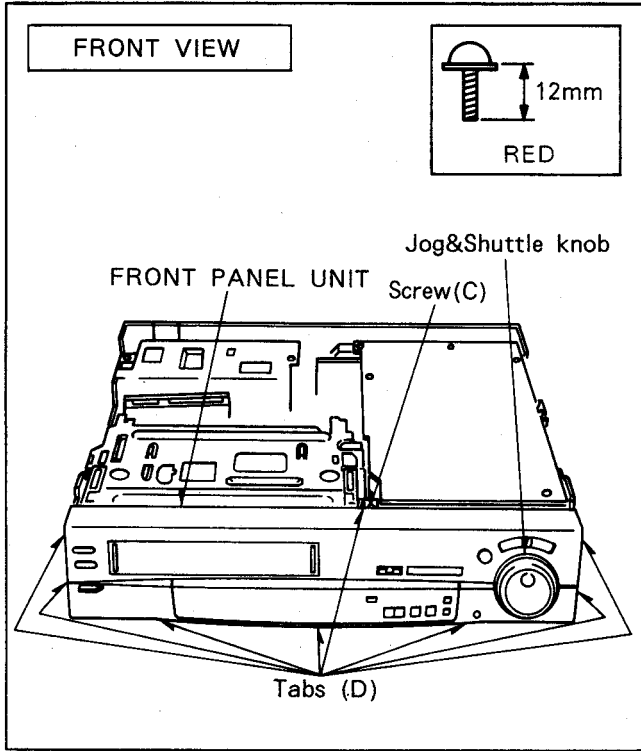


Fig. D4

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

Unlock.....8 Tabs(E)

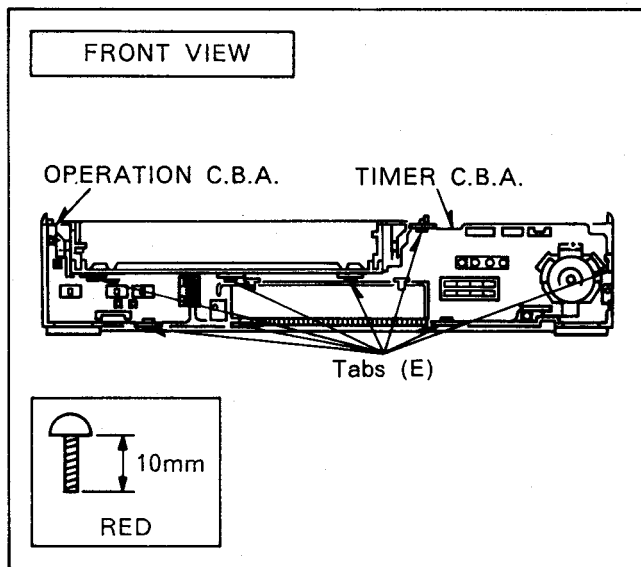


Fig. D5

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

REMOVAL OF THE MAIN C.B.A.

Remove.....3 Screws(F)
 Remove.....2 Screws(G)
 Unlock.....Tab(H)

REMOVAL OF THE POWER SUPPLY UNIT

Remove.....2 Screws(I)
 Remove.....Screw(J)

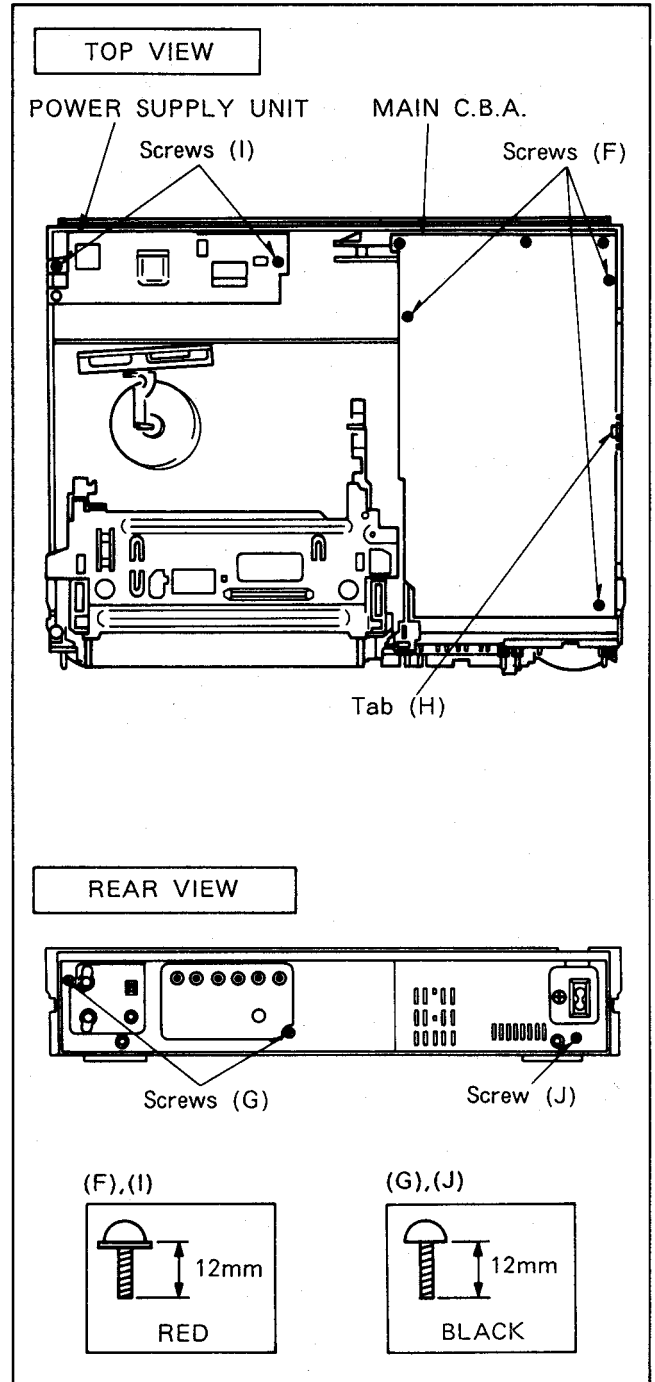


Fig. D6

6. PACK SERVICING POSITION

CAUTION:

Confirm the isolation between Mechanical Chassis and Main C.B.A. before connecting Main AC.

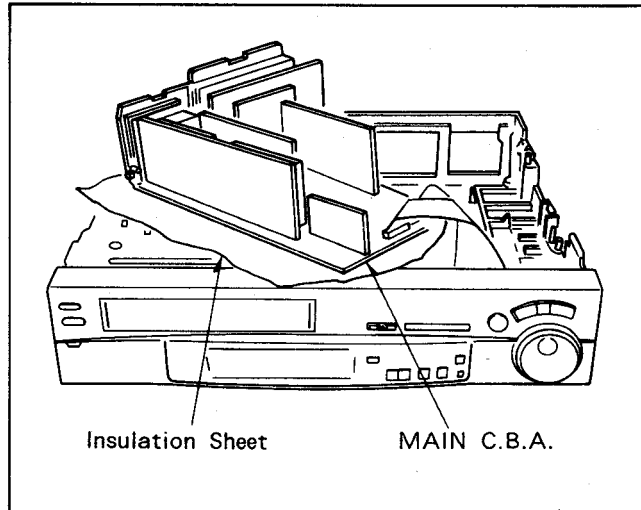


Fig. D7

8. REMOVAL OF THE CLEANER ARM UNIT

1. Unlock the locking portion(L).
2. Pull up the Cleaner Arm Unit.

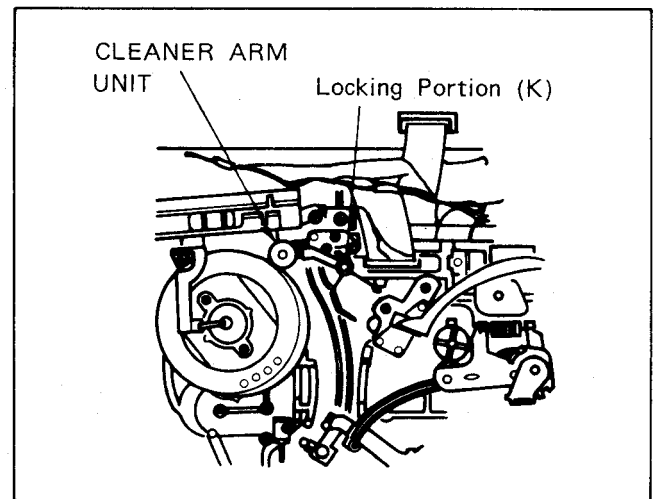


Fig. D9

7. REMOVAL OF THE NICAM DECODER C.B.A. (NV-HD100EC)

Unlock...NICAM HOLDER(K)

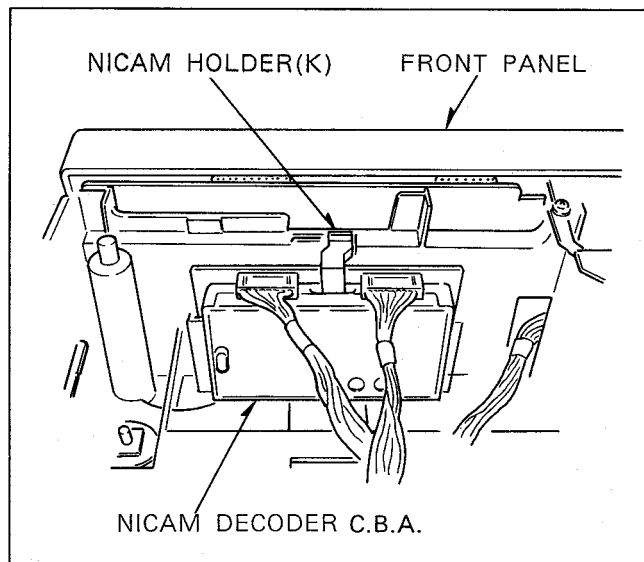


Fig. D8

2-2. MECHANICAL ADJUSTMENT PROCEDURES

2-2-1. TENSION POST POSITION ADJUSTMENT

(Equipment Required)
Hex Wrench (VFK0326)

1. Disconnect the AC plug.
2. Remove the TOP PLATE and CASSETTE HOLDER.
3. Turn the LOADING MOTOR until the loading completes.
4. Adjust the hole of TENSION BAND FASTENER by hex wrench so that the left edge of IMPEDANCE ROLLER and TENSION ARM UNIT as shown in Fig.M1.

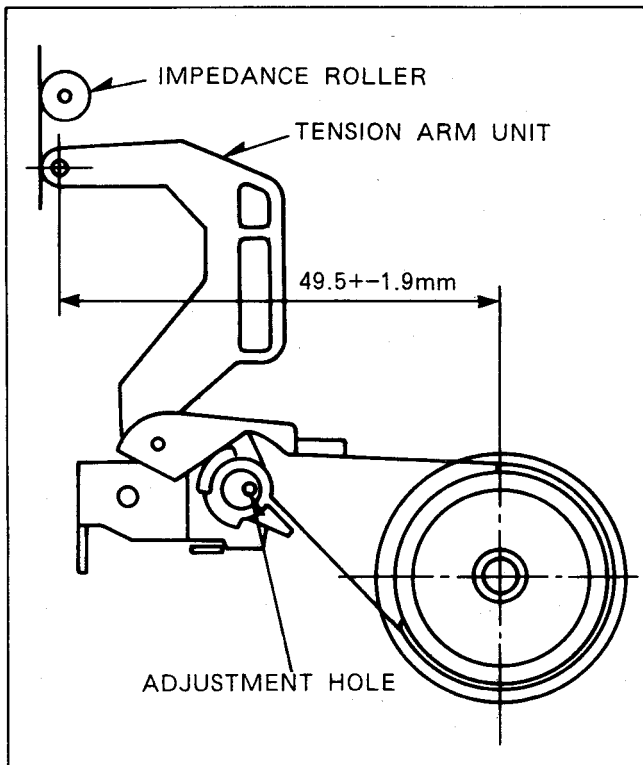


Fig. M1

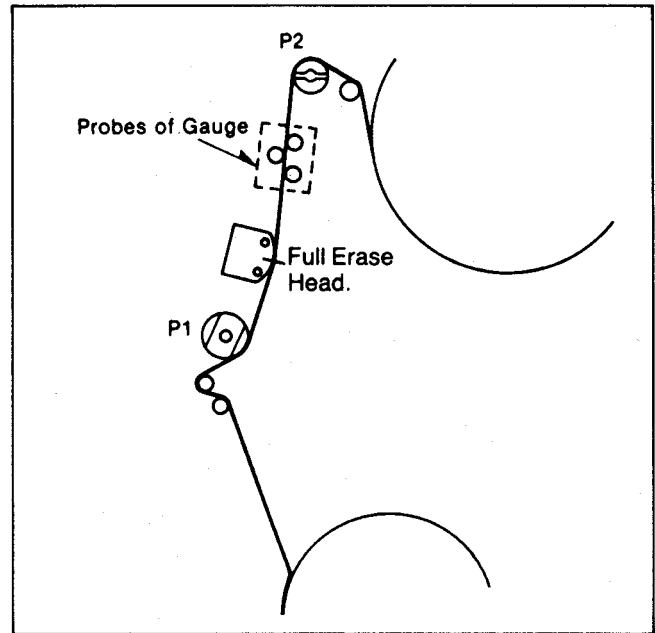


Fig. M2

3. If it is out of specification, change the spring notch as shown in Fig.M3.

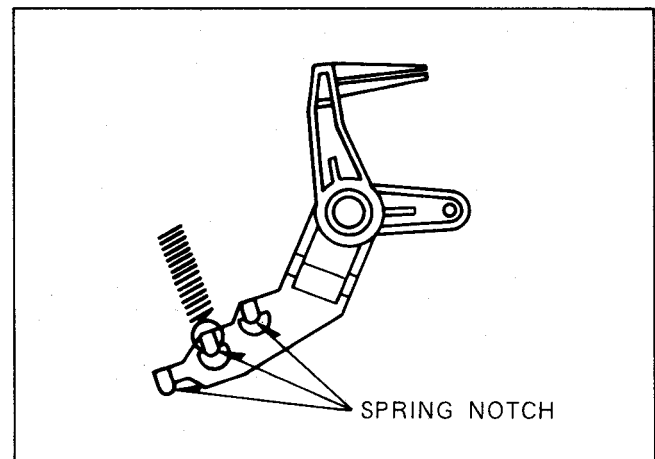


Fig. M3

2-2-2. BACK TENSION ADJUSTMENT

(Equipment Required)
Back Tension Meter (VFK0132)
VHS Cassette Tape (180 minutes tape: PAL)
(120 minutes tape: NTSC)

(Specification)
22.5-27.5g

1. Playback the cassette tape from the beginning and wait until the tape movement get the stabilization.
(for approx. 10~20 seconds)
2. Insert the Back tension Meter into the path of a tape, and measure the back tension to be within specification as shown in Fig.M2.

2-2-3. P2 AND P3 POSTS ADJUSTMENT (PREADJUSTMENT)

(Equipment Required)
Post Adjustment Screwdriver (VFK0329)

1. Remove the TOP PLATE and CASSETTE HOLDER.
2. Turn the LOADING MOTOR until the unloading completes.
3. Loosen the fixing screw of P2 and P3 POSTS.
4. Rotate the P2 and P3 POSTS clockwise to the end.
5. Rotate the P2 and P3 POSTS twice counterclockwise.

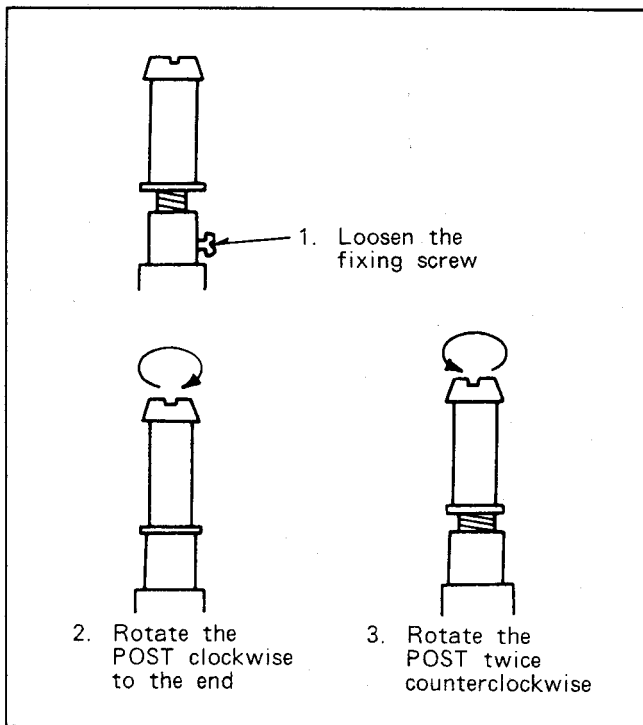


Fig. M4

6. Install the TOP PLATE and CASSETTE HOLDER
7. Playback the cassette tape and make sure that the edges of the tape are not curling at the bottom or top end of the P1, P2, P3 and P4 POSTS as shown in Fig.M5.

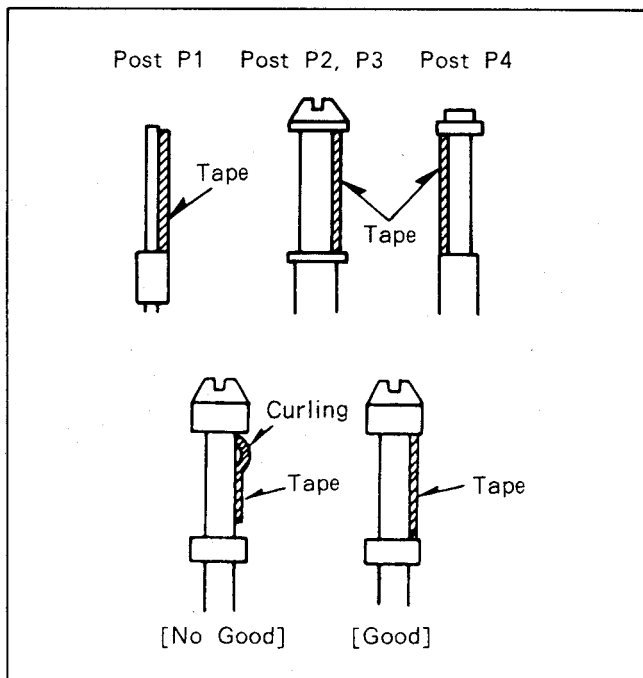


Fig. M5

8. If curling appears, readjusts the P2 and P3 POSTS.

2-2-4. TAPE INTERCHANGEABILITY ADJUSTMENT

Carry out the following procedures for Tape interchangeability Adjustment to do it correctly and smoothly.

- (1) Adjustment of P2 and P3 Posts.
- (2) Height Adjustment of A/C Head (1).
- (3) Height Adjustment of A/C Head (2).
- (4) Fine-Adjustment of A/C Head
- (5) Horizontal Position Adjustment of A/C Head.

If the Tape Interchangeability Adjustment is not perfect, repeat the above procedures from (1) to (5).

CAUTIONS:

To mark a Adjustment Mode for Tape Interchangeability, connect a Cut Jumper Wire as shown in Fig.M6.

(Auto Tracking is turned off.)

After finishing the adjustment, disconnect the Cut Jumper Wire.

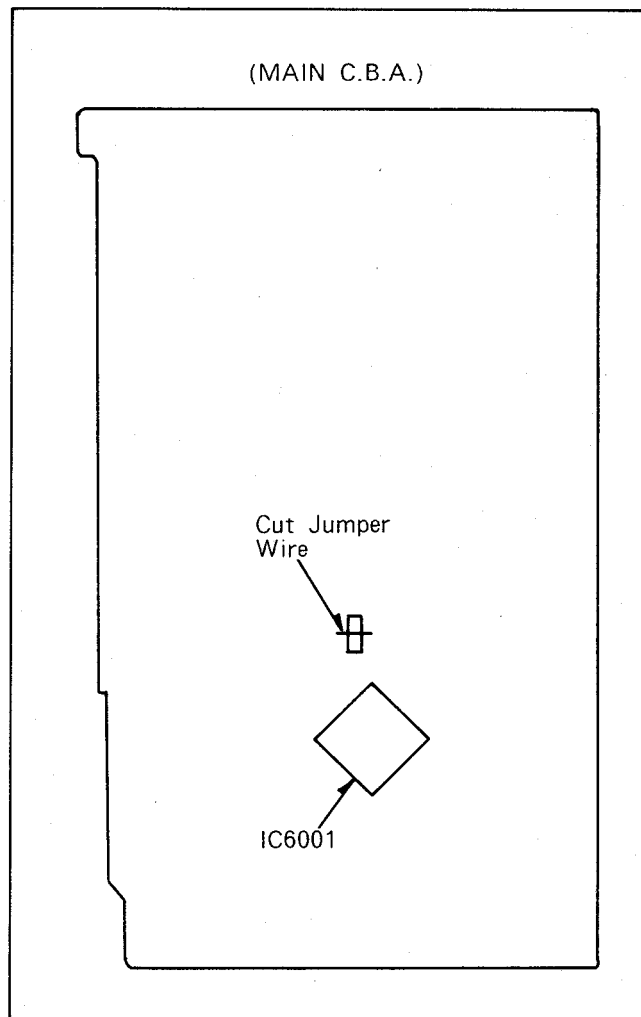


Fig. M6

(1) Adjustment of P2 and P3 Posts

(Equipment Required)
 Alignment Tape (PAL/SECAM: VFJ8125H3F,
 NTSC: VFM8080HQFP)
 Post Adjustment Screwdriver (VFK0329)

1. Set the tracking control into the fix position. (by pressing the tracking (+) and (-) button simultaneously on the Remote Controller)
 And connect the oscilloscope to the output of the Head Amp as shown in Fig.M7.

Note:
 To get a stable waveform of the Head Amp output on the oscilloscope, use the head switching pulse as a triggering signal as shown in Fig.M7.

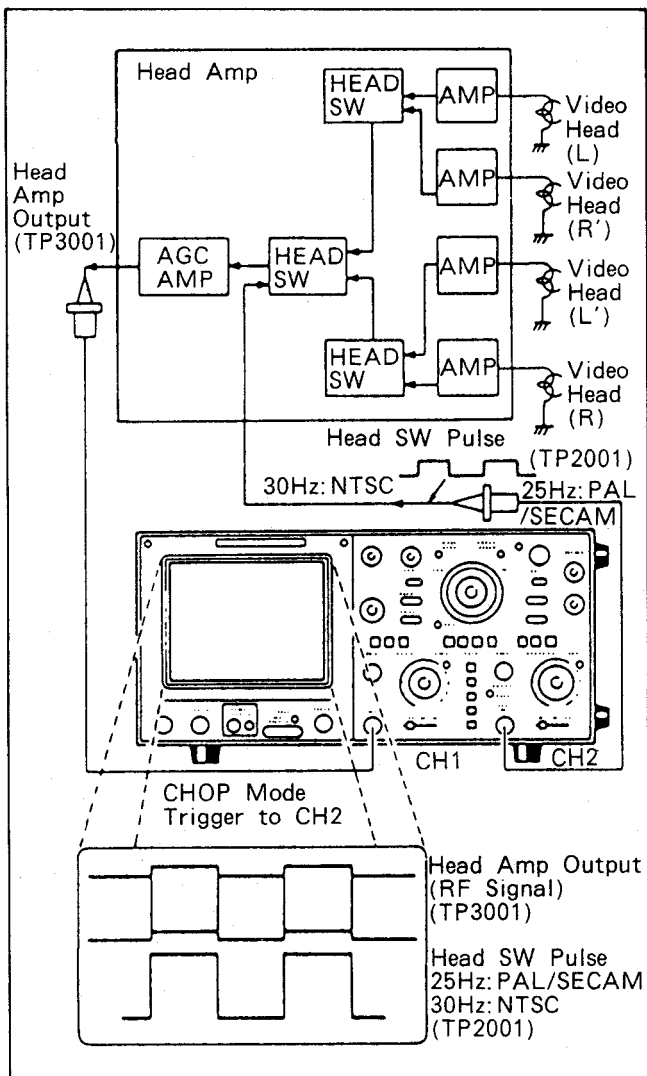


Fig. M7 Connect of Oscilloscope

2. Playback the alignment tape.
3. If the RF envelope appears like example "A" or "B" in Fig.M8 then adjustment of the tape guide post (P2: Entrance) is necessary.
4. Adjust the tape guide post (P2) with the post adjustment screwdriver so that the RF envelope waveform at the entrance portion becomes flat as shown in Fig.M8-"C".

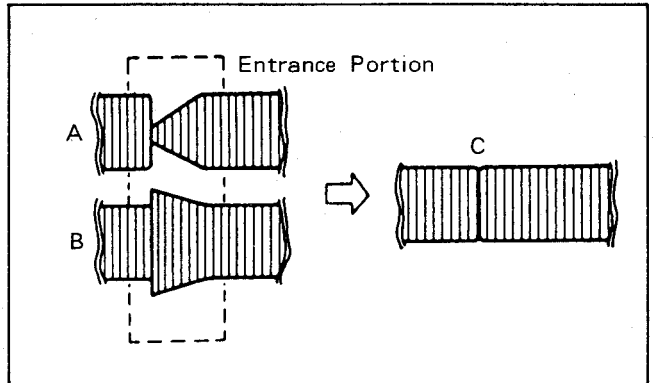


Fig. M8

5. If the RF envelope appears like example "D" or "E" in Fig.M9, then adjustment of the tape guide post (P3: Exit) is necessary.
6. Adjust the tape guide post (P3) in the same manner as the P2 post so that the exit portion becomes flat as shown in Fig.M9-"F".

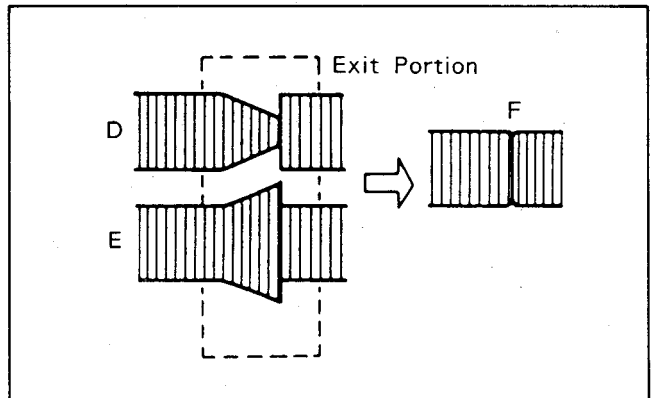


Fig. M9

7. Turn the Tracking VR fully clockwise and counter clockwise. (Keep pressing + button or - button on the Remote Controller) The output envelope should vary nearly parallel with other condition as shown in Fig.M10.
8. Set the tracking control into centre fix position and adjust for maximum RF envelope, whilst being as flat as possible.

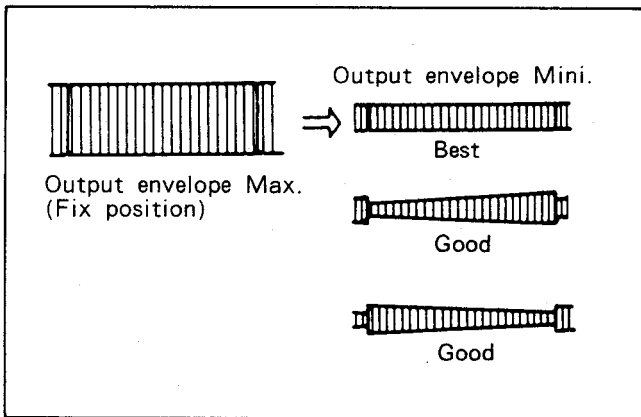


Fig. M10

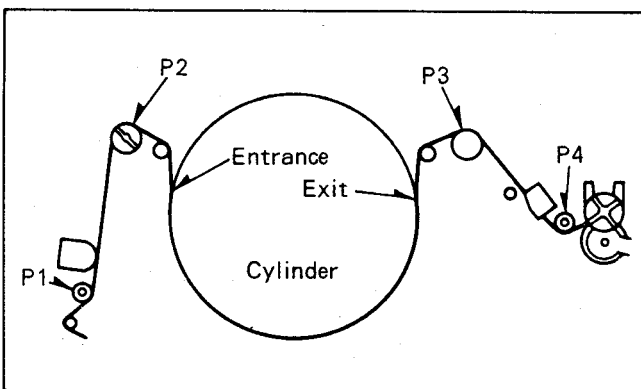


Fig. M11 Loading of Posts

(2) Height Adjustment of A/C Head (1)

- 1) Install the A/C HEAD on the A/C HEAD BASE(E) by 3 screws (A),(B) and (C) with springs.
- 2) Tighten the screw (A) until it touches chassis and then rotate the SCREW (A) counterclockwise for approx. 1.5 times.
- 3) Rotate the 2 screws(B) and (C) until A/C HEAD BASE(D) and (E) is separate.

CAUTION:

When adjusting the Screws (B) and (C) on the A/C HEAD BASE(E), do not touch the Screw Driver to the face of the A/C HEAD.

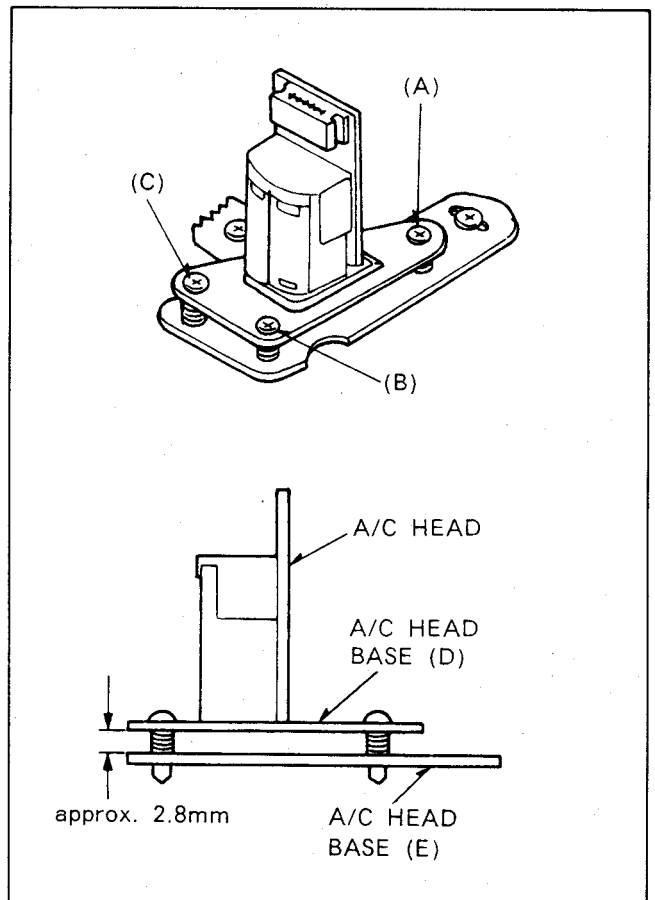


Fig. M12

(3) Height Adjustment of A/C Head (2)

- 1) Playback the alignment tape.
- 2) Rotate the screw (A) or (B) until the wrinkle appears on the lower edge of tape at P4 post.
- 3) Rotate the screw (A) or (B) until the wrinkle just disappears on the lower edge of tape at P4 post.
- 4) Connect the oscilloscope to audio output terminal.
- 5) Rotate the screw (C) until audio signal is maximized.

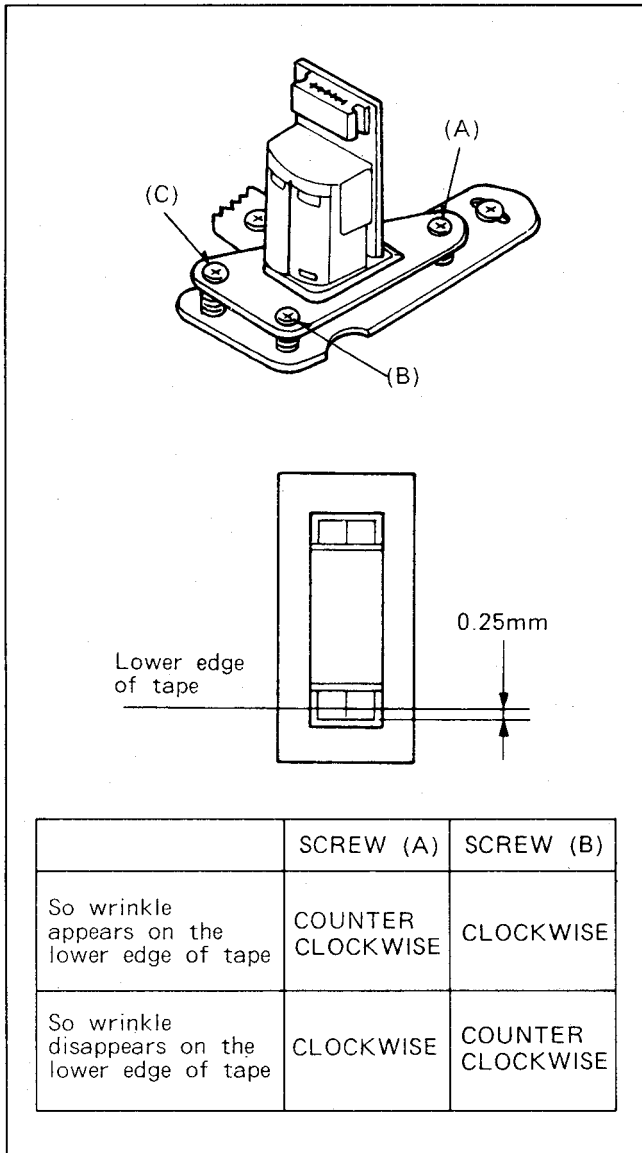


Fig. M13

(4) Fine-Adjustment of A/C HEAD

<When moving the A/C HEAD up>

- 1) Rotate the screw (A) counterclockwise until the wrinkle appears on the lower edge of tape at P4 post.
- 2) Rotate the screw (B) counterclockwise until the wrinkle just disappears on the lower edge of tape at P4 post.
- 3) Rotate the screw (C) counterclockwise until the audio signal is maximized.

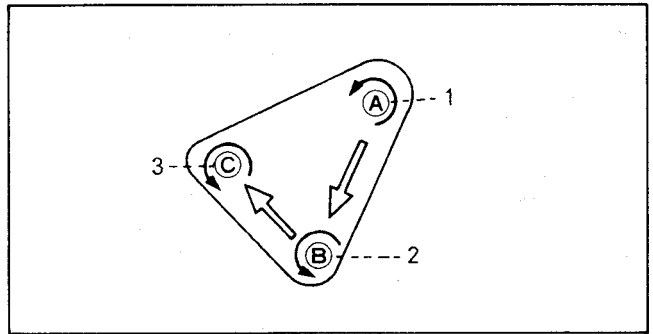


Fig. M14

<When moving the A/C HEAD down>

- 1) Rotate the screw (B) clockwise until the wrinkle appears on the lower edge of tape at P4 post.
- 2) Rotate the screw (A) clockwise until the wrinkle just disappears on the lower edge of tape at P4 post.
- 3) Rotate the screw (C) clockwise until the audio signal is maximized.

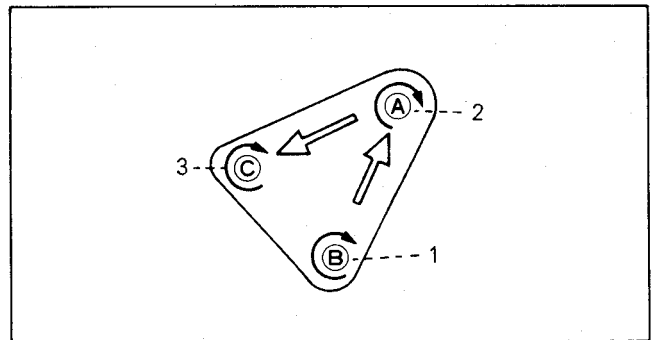


Fig. M15

(5) Horizontal Position Adjustment of A/C HEAD

- 1) Set the tracking control into the centre fix position. (by pressing the tracking (+) and (-) button simultaneously on the Remote Controller)
- 2) Connect the oscilloscope to the output of the Head Amp as shown in Fig.M7.
- 3) Playback the alignment tape.
- 4) Loosen the 2 screws (F) and (G).
- 5) Adjust the A/C HEAD BASE (E) until the RF envelope waveform is maximized.

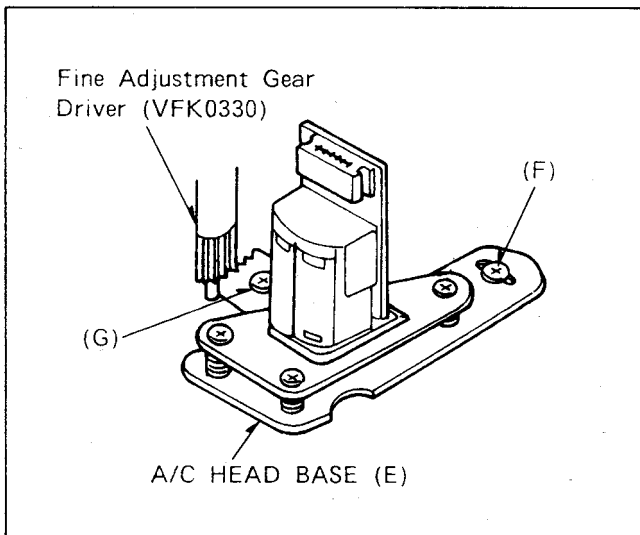


Fig. M16

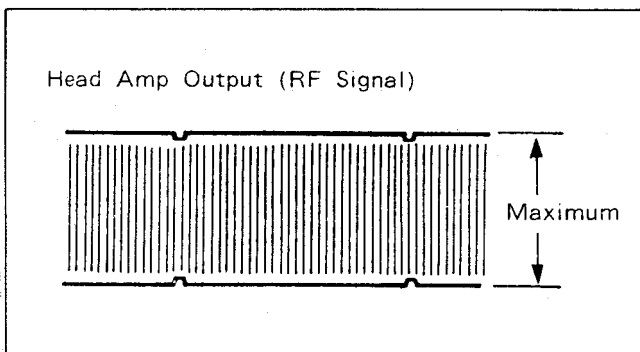
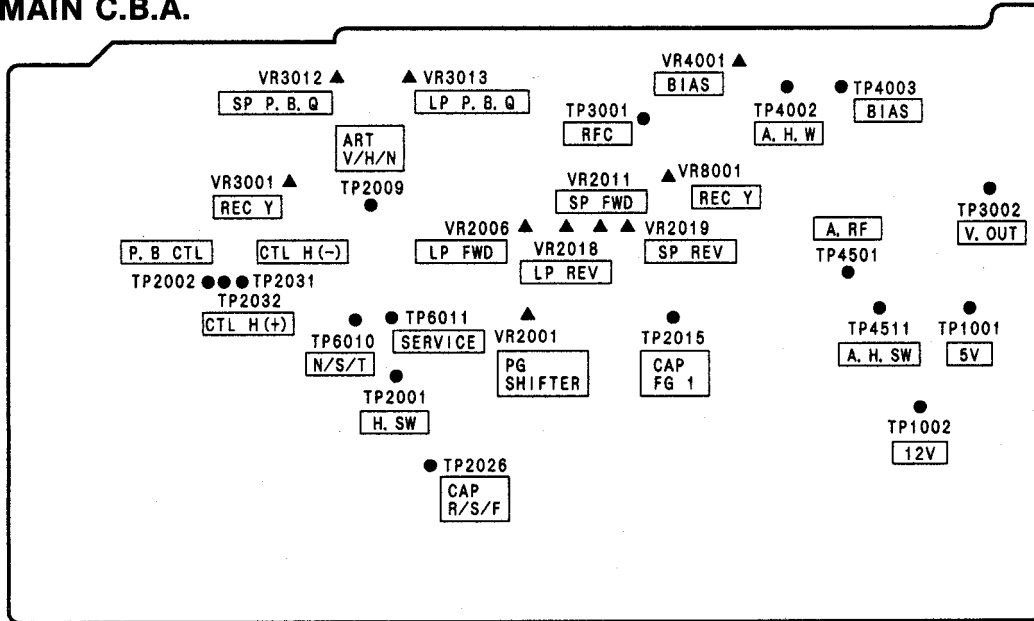


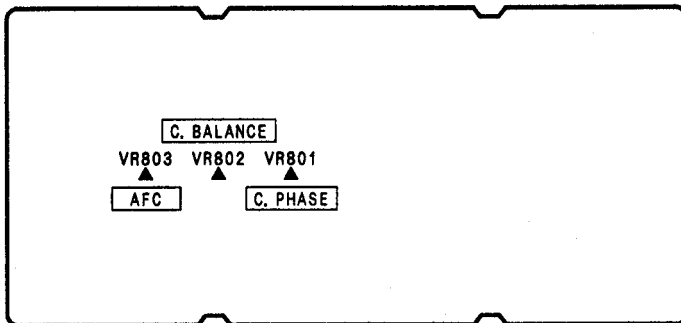
Fig. M17

LOCATION OF TEST POINTS & CONTROLS

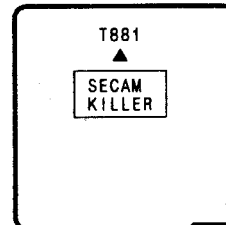
MAIN C.B.A.



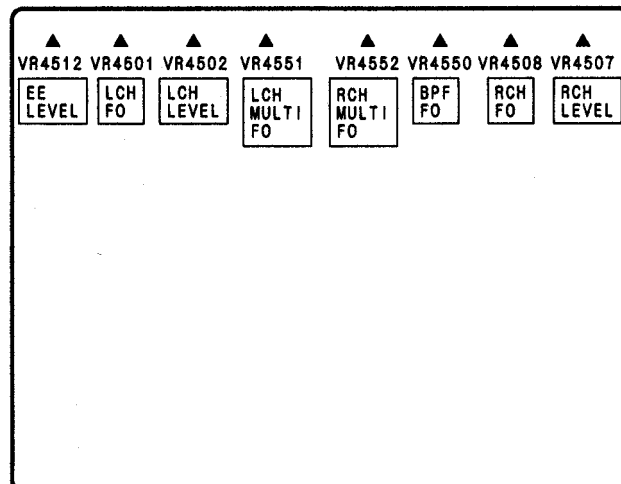
LUMINANCE & CHROMINANCE PACK C.B.A.



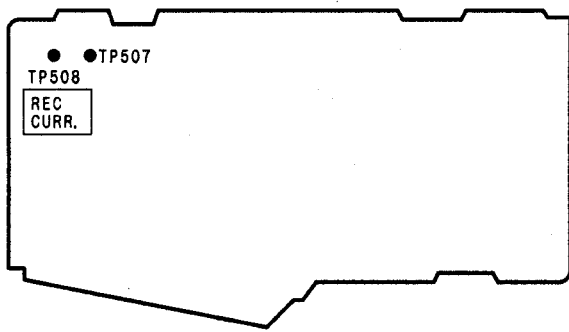
DDR SECAM PACK C.B.A.



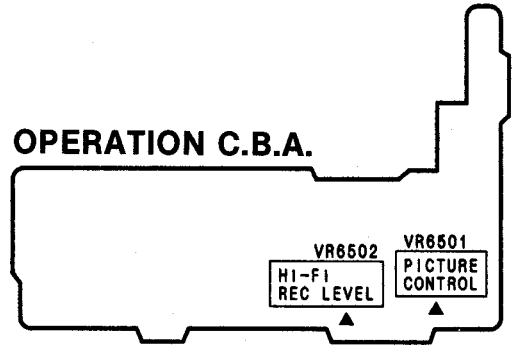
Hi-Fi AUDIO PACK C.B.A.



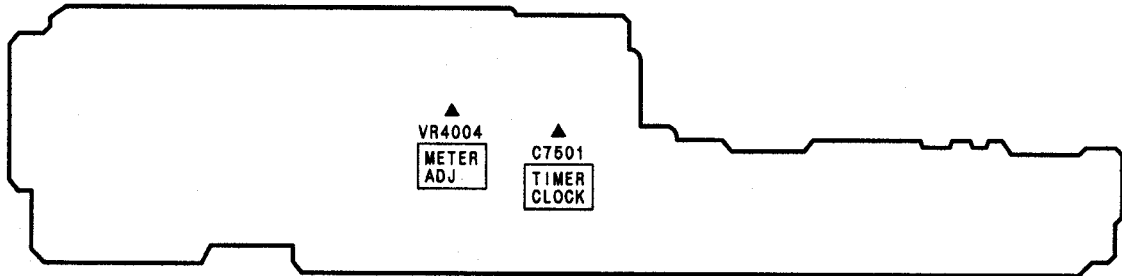
HEAD AMP C.B.A.



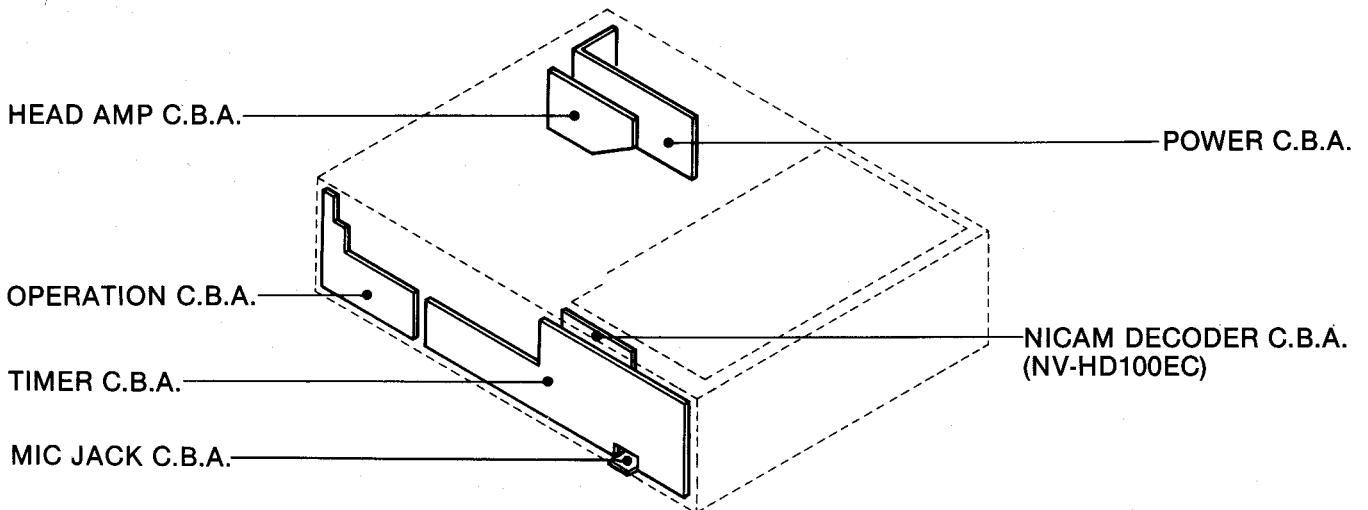
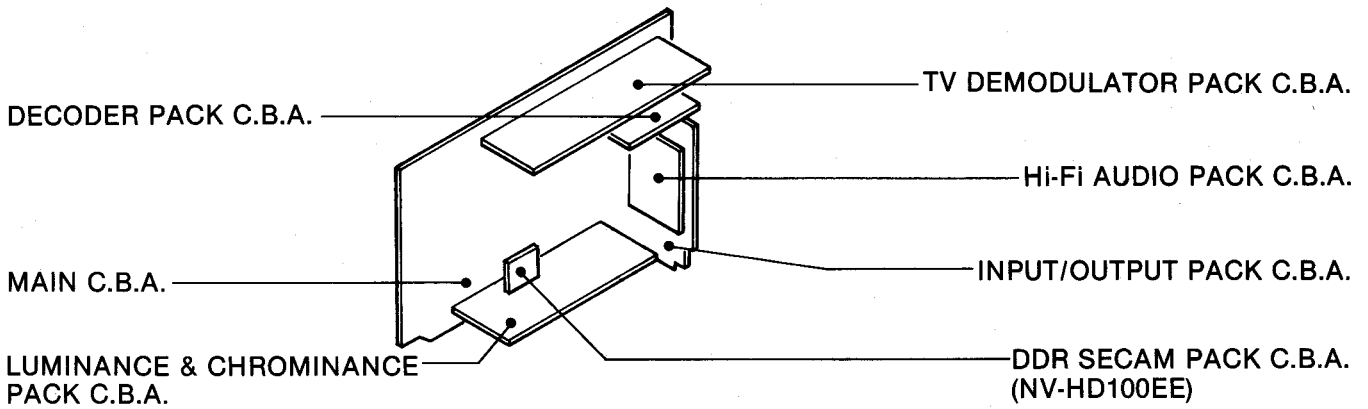
OPERATION C.B.A.



TIMER C.B.A.



CIRCUIT BOARD LAYOUT



2-5. ELECTRICAL ADJUSTMENT PROCEDURES

This section provides complete adjustment procedures required for electric circuits of VHS Video Cassette Recorders.

2-5-1. TEST EQUIPMENT

To perform electrical adjustments following equipment is required.

1. Dual-Trace Oscilloscope. (More than 35 MHz)
Voltage Range: 0.005-5V/div
Frequency Range: DC-35MHz
Probes: 10:1
2. Frequency Counter.
Frequency Range: 0-10MHz
Probes: 1:1
3. Universal Counter.
4. Vacuum Tube Volt Meter. (V.T.V.M.)
5. Video Sweep Generator.
6. Sine Wave Generator.
7. Video Pattern Generator.
8. VHS Alignment Tape. (VFJ8125H3F)
9. VHS Blank Tape.
10. Monitor.
11. Plastic Tip Driver.

2-5-2. PREPARATION

During adjustment, set each selector as follows: when no indication in the procedure.

HIFI/NORMAL MIX SW.....OFF
TAPE SPEED.....SP
TEST SIG SW (REAR).....OFF
PICTURE VR (NV-HD100EC).....FIX

2-5-3. HOW TO READ ADJUSTMENT PROCEDURES

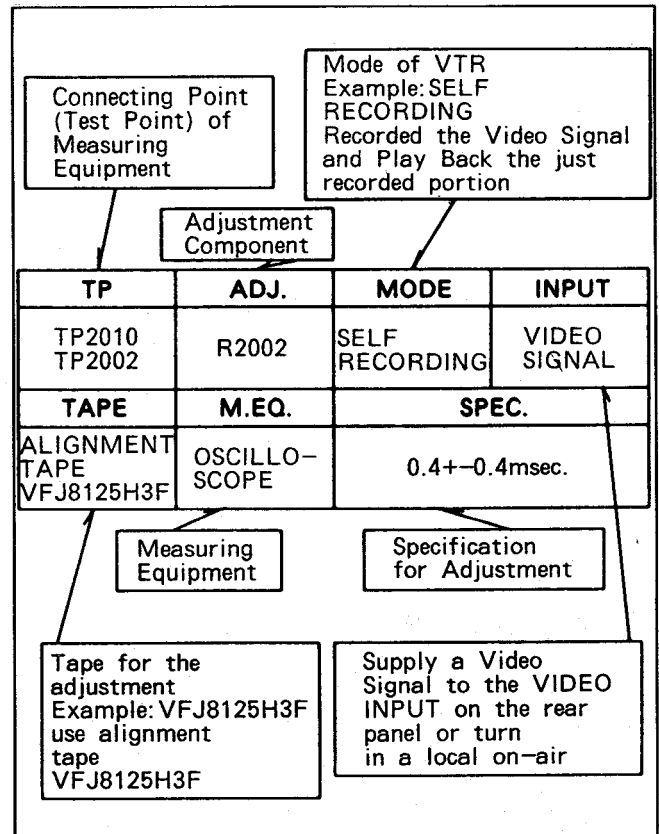


Fig. E1

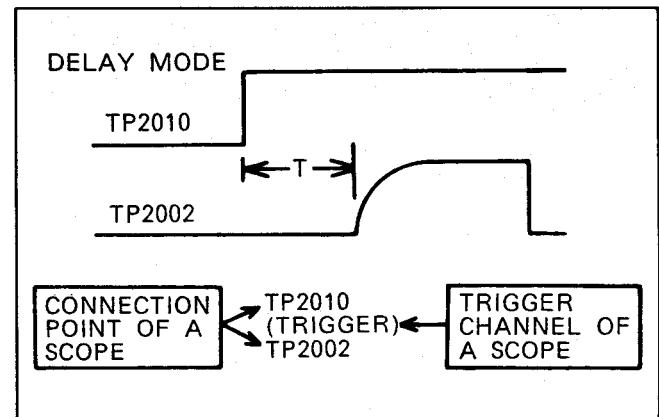


Fig. E2

SERVO SECTION

2-5-4. PG SHIFTER ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP2001 TP3002	VR2001	PLAYBACK	
TAPE	M. EQ.	SPEC.	
ALIGNMENT TAPE VFJ8125H3F	OSCILLO- SCOPE	7.0±0.5(H)	

1. Connect the oscilloscope to TP2001(H.SW) and TP3002(V.OUT)
2. Playback the alignment tape.
3. Adjust VR2001 until the phase difference between falling edge of Head SW pulse and V-Sync is 7.0±0.5(H)

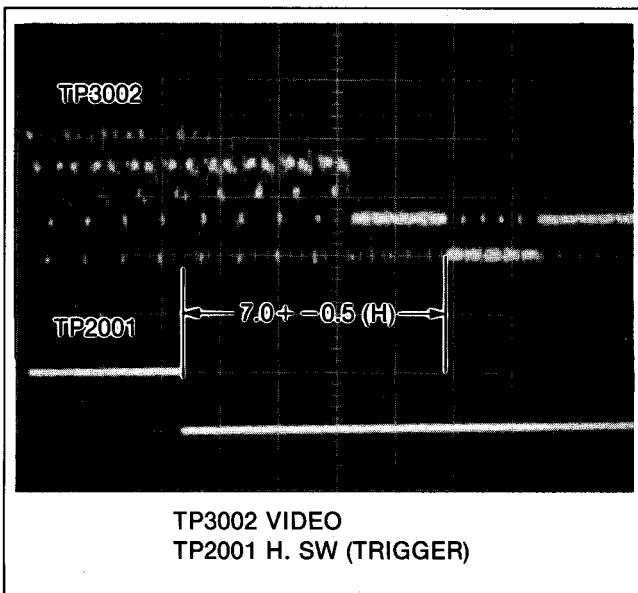


Fig. E3

2-5-5. SLOW TRACKING ADJUSTMENT

TP	ADJ.	MODE	INPUT
MONITOR SCREEN	VR2011(SP) VR2006(LP)	SP (SELF RECORDED) STILL	COLOUR BAR
TAPE	M. EQ.	SPEC.	
BLANK TAPE	MONITOR TV	A=B (A+B)/V < 1/6	

1. Connect a cut jumper wire as shown in Fig.E4.
2. Record the colour bar in SP(LP) mode for a few minutes and playback the just recorded portion.
3. Place the unit in SLOW mode by operating the Remote Controller Unit.

4. Adjust VR2011(SP)(VR2006(LP)) until noise bar on the monitor screen is minimized. (Detail specifications are shown in Fig.E5)
5. Disconnect a jumper wire.

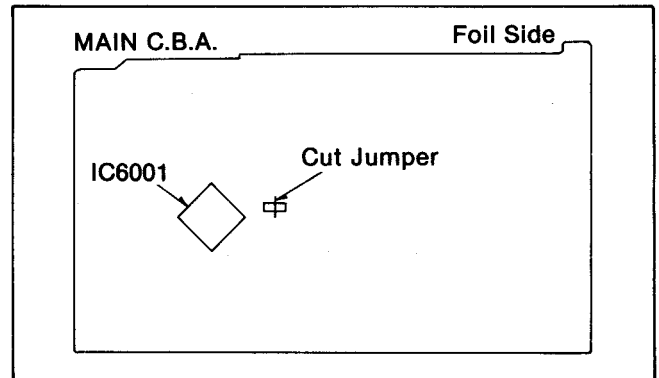


Fig. E4

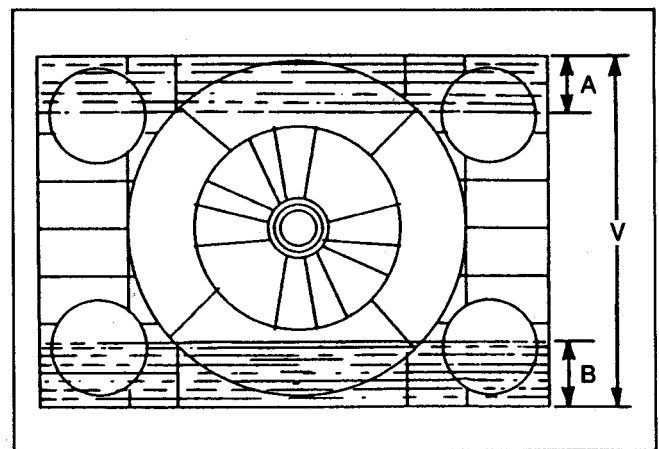


Fig. E5

2-5-6. REVERSE SLOW TRACKING ADJUSTMENT

TP	ADJ.	MODE	INPUT
MONITOR SCREEN	VR2019(SP) VR2018(LP)	REVERSE SLOW	COLOUR BAR
TAPE	M. EQ.	SPEC.	
BLANK TAPE	MONITOR	SP: A=B (A+B)/V < 1/6 LP: B=0 A/V < 1/12	

1. Connect a cut jumper wire as shown in Fig.E4.
2. Record the colour bar in SP(LP) mode for a few minutes and playback the just recorded portion.
3. Place the unit in SLOW mode by operating the Remote Controller Unit.
4. Adjust VR2019(SP)(VR2018(LP)) until noise bar on the monitor screen is minimized. (Detail specifications are shown in Fig.E5)
5. Disconnect the jumper wire.

LUMINANCE & CHROMINANCE SECTION

2-5-7. ARTIFICIAL NTSC AFC FREE RUN ADJUSTMENT

TP	ADJ.	MODE	INPUT
PIN (9) of IC802	VR803	STOP	SINEWAVE 8KHz -10dB (316mV)
TAPE	M. EQ.	SPEC.	
	FREQUENCY COUNTER SINEWAVE GENERATOR	15735±100(Hz)	

Note: Supply +5V DC to Pin 27 of IC802.

1. Supply a sinewave (8KHz/-10dB) to Line In. (Video In)
2. Connect the frequency counter to Pin 9 of IC802.
3. Turn VR803 to maximum frequency.
4. Adjust VR803 until frequency is 15735±100(Hz).

2-5-8. RECORDING CURRENT ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP507(HOT) TP508(GND)	VR3001(Y) VR8001(C)	RECORDING	COLOUR BAR
TAPE	M. EQ.	SPEC.	
BLANK TAPE	OSCILLOSCOPE	Y: 130±5(mVp-p) C: 32±2(mVp-p)	

1. Record the colour bar.
2. Connect the oscilloscope to TP507(HOT) and TP508(GND).
3. Adjust VR3001 so the amplitude of sync tip portion is 130±5mVp-p.
4. Supply +5V DC to PP3001-6 to reduce luminance component.
5. Adjust VR8001 until the amplitude of Cyan is 32±2mVp-p.

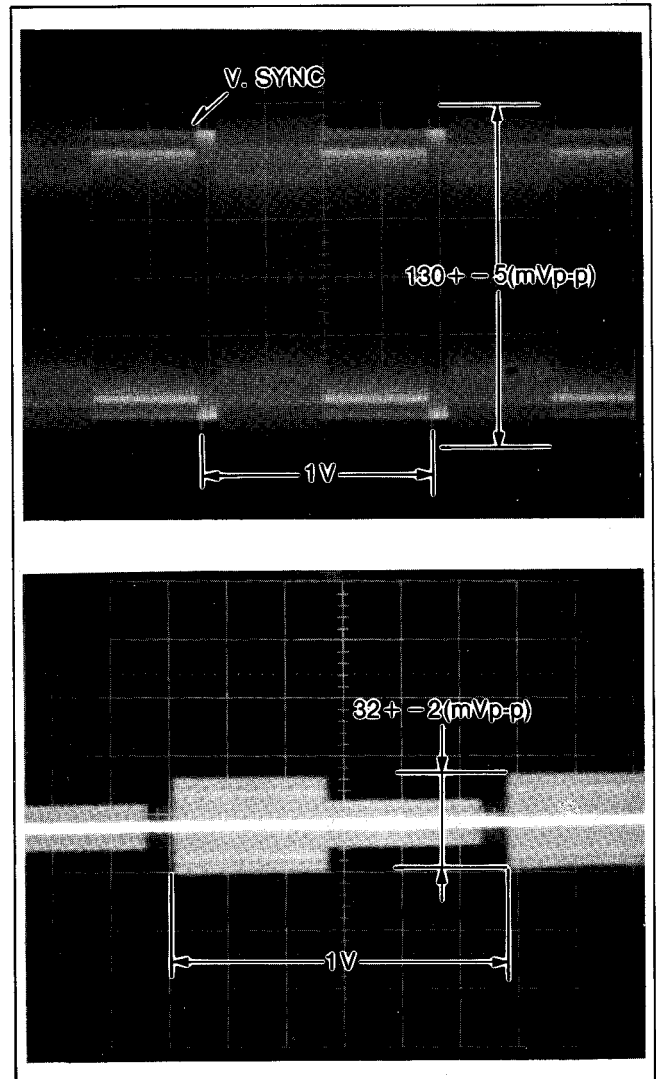


Fig. E6

2-5-9. VIDEO FREQUENCY RESPONSE ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP3002	VR3012(SP) VR3013(LP)	(SELF RECORDED) PLAYBACK (SP/LP)	VIDEO SWEEP SIGNAL
TAPE	M. EQ.	SPEC.	
BLANK TAPE	OSCILLOSCOPE VIDEO SWEEP GENERATOR	SP: 0±1(dB) (90 - 110%) LP: 0±1(dB) (90 - 110%)	

Note:

- (1) Set the Video Sweep Signal as shown in Fig.E7.

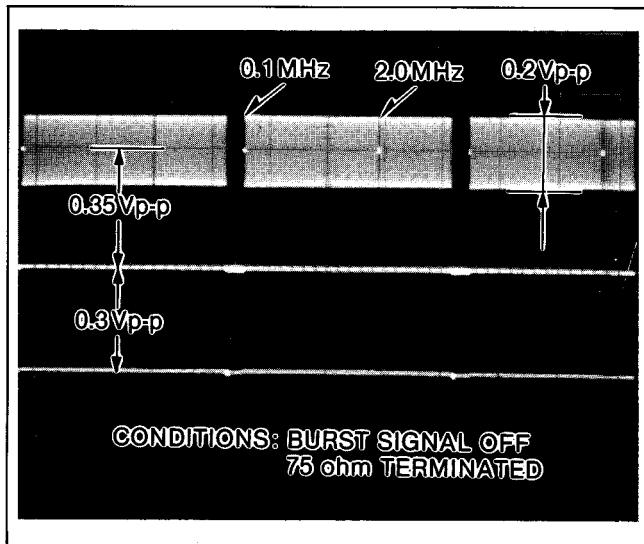


Fig. E7

1. Record the Video Sweep Signal in SP/(LP) mode for a few minutes and playback the just recorded signal.
2. Connect the oscilloscope to TP3002.
3. Adjust VR3012(SP)(VR3013(LP)) until the frequency response level is 0+-1dB at 2MHz portion by comparing with 0.1MHz portion.

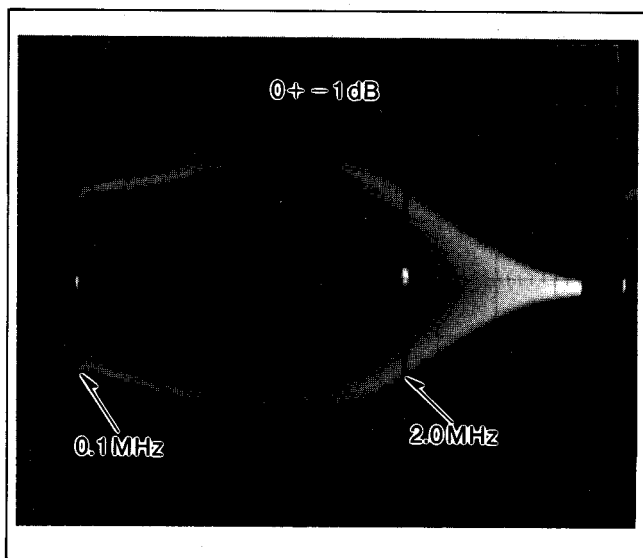


Fig. E8

2-5-10. SECAM KILLER ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC881-11	T881	SP RECORDING	SECAM COLOUR BAR
TAPE	M. EQ.	SPEC.	
BLANK TAPE	OSCILLOSCOPE	MAXIMIZE AMPLITUDE ("A" PORTION: NEGATIVE PEAK)	

1. Record SECAM color bar.
2. Adjust T881 until the amplitude of the signal at the Pin 11 of IC881 is maximum. (To make "A" portion negative peak)

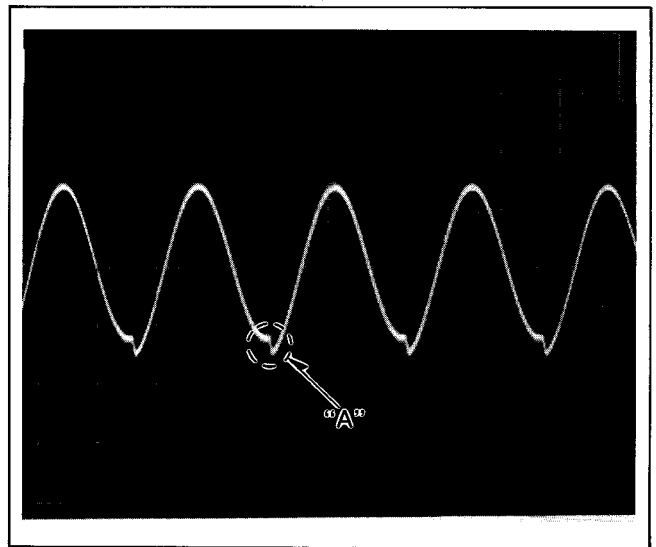


Fig. E9

2-5-11. CHROMINANCE RECURSIVE ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC301-17	VR801 VR802	SELF REC&PB	COLOUR BAR
TAPE	M. EQ.	SPEC.	
BLANK TAPE	OSCILLOSCOPE	MINIMIZE AMPLITUDE	

1. Record the color bar and play back the just recorded portion.
2. Adjust VR801 and VR802 until the amplitude of the signal at the Pin 17 of IC301 is minimum.

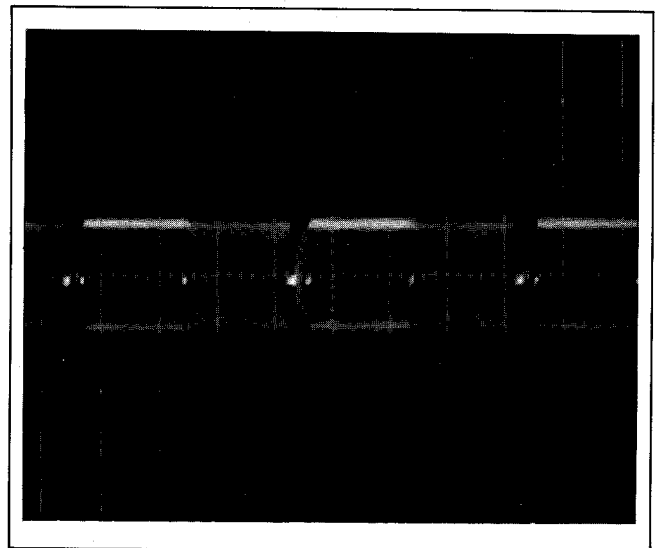


Fig.E10 Before adjustment.

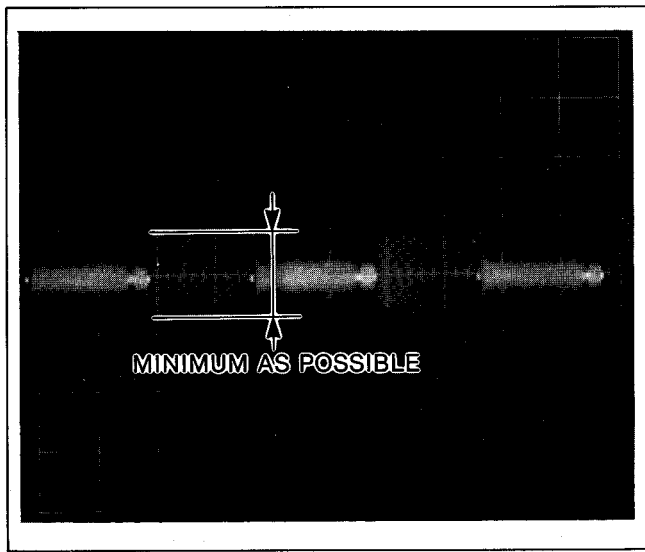


Fig. E11 After adjustment.

AUDIO SECTION

2-5-12. BIAS CURRENT ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP4002 (HOT) TP4003 (GND)	VR4001	RECORDING	X
TAPE	M. EQ.	SPEC.	
BLANK TAPE	V.T.V.M.	3.0+/-0.1(mVrms)	

Note:

Connect the Audio input and GND.

1. Place the unit in SP recording mode.
2. Connect the V.T.V.M. to TP4002(HOT) and TP4003(GND).
3. Adjust VR4001 so reading of V.T.V.M. is 3.0+/-0.1mVrms.

2-5-13. Hi-Fi E-E LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
LINE OUT	VR4512	STOP	1kHz, -10dB AUDIO SIG.
TAPE	M. EQ.	SPEC.	
BLANK TAPE	SINEWAVE GENERATOR / V.T.V.M.	380-420(mVrms)	

1. Select the STEREO mode by Remote Controller. (Both Left and Right indicators on the FIP are lit)
2. Supply the sinewave (1kHz/-10dB) to Audio Input (L) terminal.
3. Connect the V.T.V.M. to Audio Output (L) terminal.
4. Adjust VR4512 so that the level becomes 380 - 420 mVrms.

2-5-14. CARRIER FREQUENCY ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC4501-34 (L) IC4501-47 (R)	VR4551 VR4552	SP RECORDING	X
TAPE	M. EQ.	SPEC.	
BLANK TAPE	FREQUENCY COUNTER	PAL-L: 1.4+/-0.003 (MHz) PAL-R: 1.8+/-0.003 (MHz)	

1. Place the unit in SP recording mode.
2. Connect the frequency counter to IC4501-34.
3. Adjust VR4551 until the frequency is 1.4+/-0.003MHz.
4. Connect the frequency counter to IC4501-47.
5. Adjust VR4552 until the frequency is 1.8+/-0.003MHz.

2-5-15. DEVIATION ADJUSTMENT

TP	ADJ.	MODE	INPUT
BETWEEN VR4502 and R4511 (L) BETWEEN VR4507 and R4561 (R)	VR4502 (L) VR4507 (R)	SP RECORDING	1kHz, -10dB AUDIO SIGNAL
TAPE	M. EQ.	SPEC.	
BLANK TAPE	VTVM/ SINEWAVE GENERATOR	120 (mVrms)	

Note:

For NV-HD100EE, there is no Hi-Fi Rec Level VR. therefore, adjust the input signal level so that the output signal level is 400 mVrms.

1. Set the output level of the Signal Generator to 1kHz/-10db and supply it to both audio input terminals (L) and (R).
2. Adjust the recording level (Line output) with Hi-Fi Rec Level VR on the front panel until both audio outputs (L) and (R) are 400mVrms (VTVM).
3. Connect the VTVM between VR4502 and R4511.
4. Adjust VR4502 until the level is 120mVrms.
5. Connect the VTVM between VR4507 until the level is 120mVrms.

2-5-16. FM B.P.F. ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC4501 -33(L) IC4501 -48(R)	VR4550	PLAYBACK	1.608 MHz 400mVp-p SINEWAVE SIGNAL
TAPE	M. EQ.	SPEC.	
NTSC RECORDED TAPE	OSCILLOSCOPE/ SINEWAVE GENERATOR	L ch= R ch	

1. Disconnect P501(from Main C.B.A. to Head Amp Pack)
2. Set the output of the Signal Generator to 1.608 MHz/400mVp-p and supply it to PS4003-8.
3. Playback a NTSC recorded tape.
4. Connect the oscilloscope to IC4501-33 and 48. (Connect the GND terminal for the oscilloscope to GND of FM Pack to reduce the noise.)
5. Adjust VR4550 until the L ch (pin 33) and R ch (pin 48) are the same level.
6. After this adjustment, connect P501.

TIMER SECTION

2-5-17. TIMER REFERENCE CLOCK ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC7501-28	C7501	STOP	
TAPE	M. EQ.	SPEC.	
	UNIVERSAL COUNTER	7812.5+-0.015(usec)	

1. Connect the universal counter to IC7501-28.
2. Adjust C7501 so the reading of universal counter is 7812.5+-0.015usec.

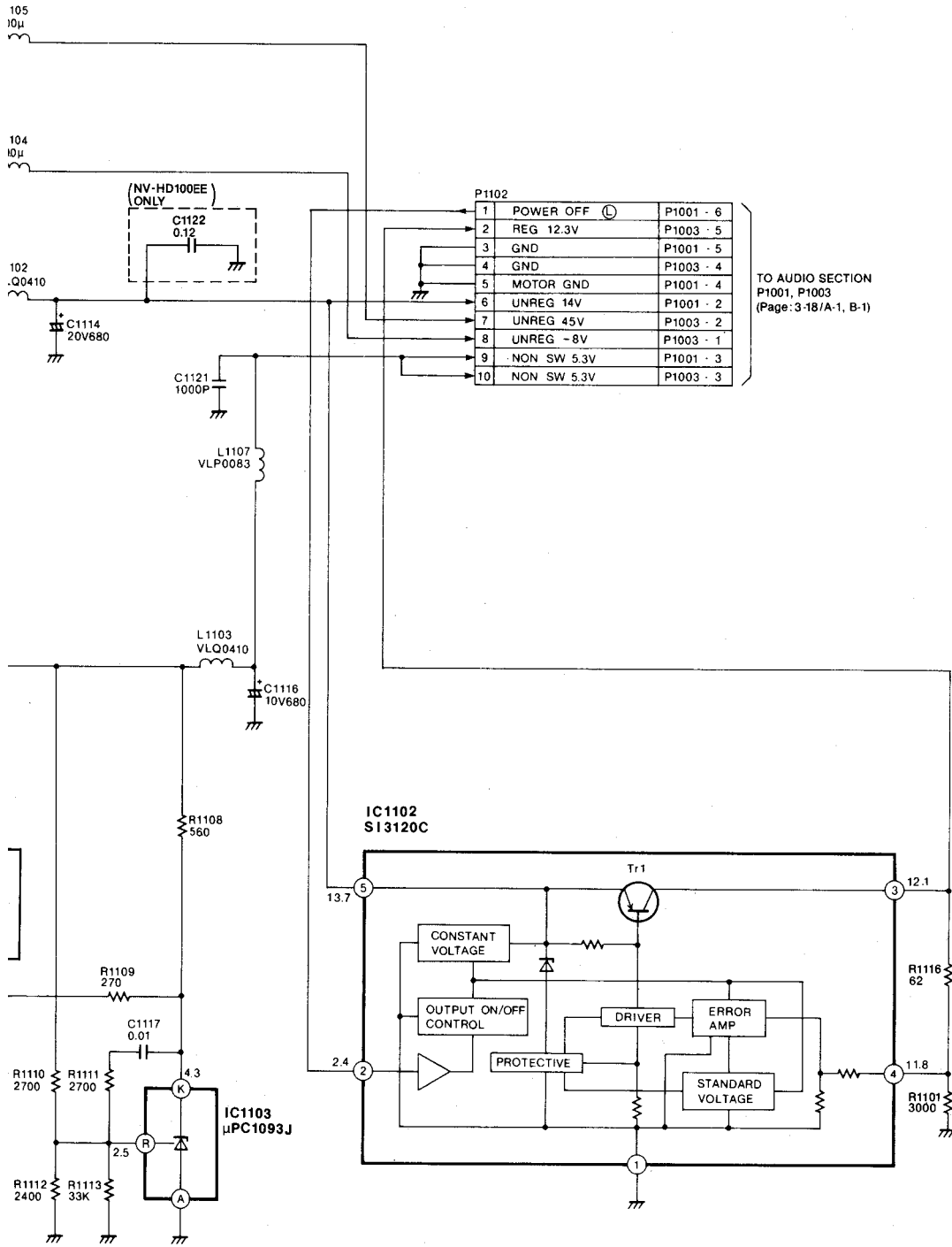
2-5-18. LEVEL METER SENSITIVITY ADJUSTMENT

TP	ADJ.	MODE	INPUT
LEVEL METER ON THE FRONT PANEL	VR4004	STOP	1kHz, -10dB AUDIO SIGNAL
TAPE	M. EQ.	SPEC.	
		0(dB) INDICATOR ON THE AUDIO LEVEL METER JUST LIGHTS UP	

Note:

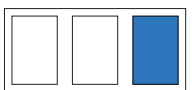
For NV-HD100EE, there is no Hi-Fi Rec Level VR. therefore, adjust the input signal level so that the output signal level is 400 mVrms.

1. Select the STEREO mode by Remote Controller. (Both Left and Right indicators on the FIP are lit.)
2. Set the output level of the Signal Generator to 1kHz/-10dB and supply it to both Audio input terminals (L) and (R).
3. Adjust the recording level (Line output) with Hi-Fi Rec Level VR on the Front Panel so that the both audio outputs (L) and (R) are 400mVrms (V.T.V.M.).
4. Adjust VR4004 so that the 0dB of the Level Meter on the FIP just lights up.

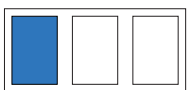
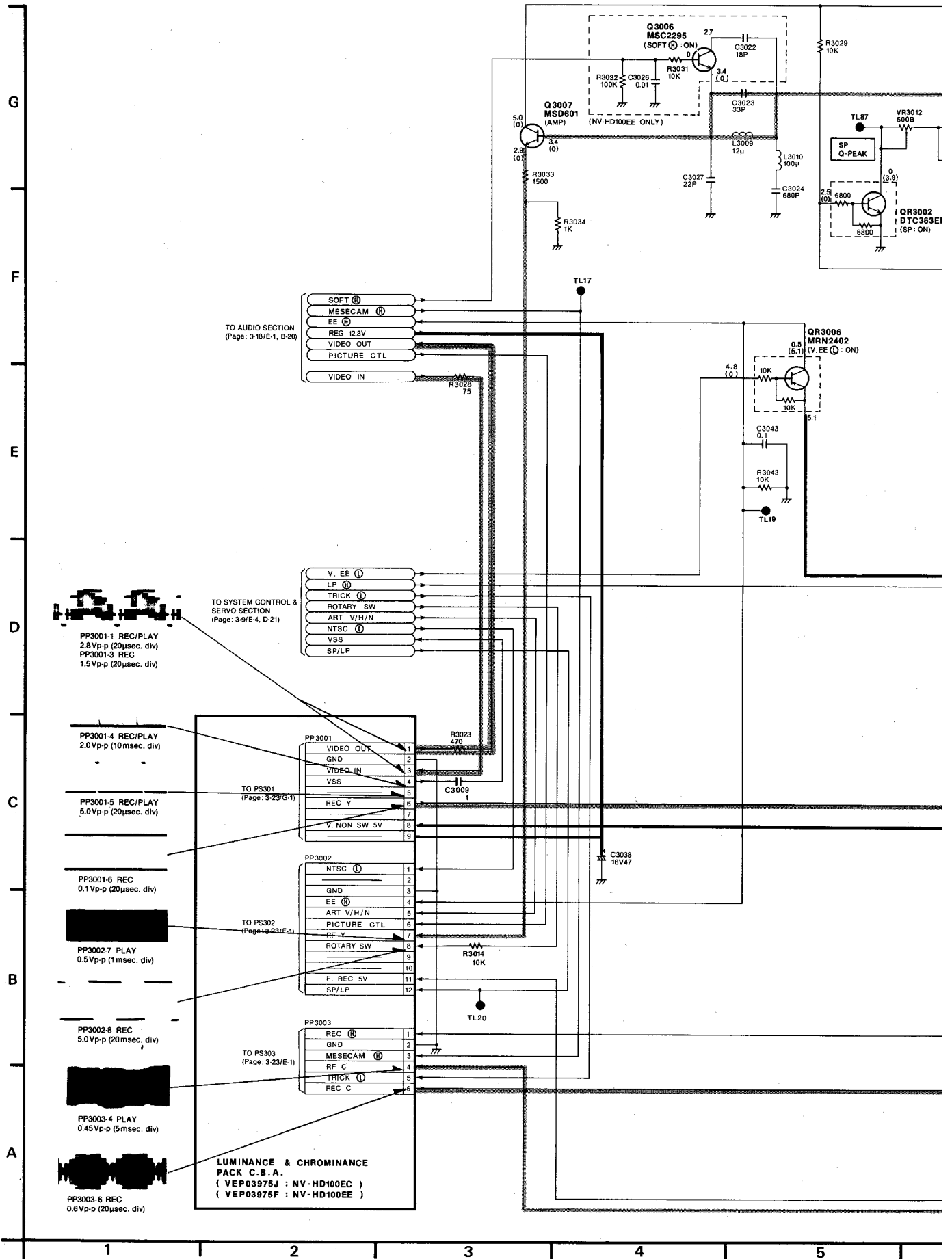


VOLTAGE OR WAVEFORM ON THE POWER TRANSFORMER
 D TERMINAL OF MEASURING POINT AS FOLLOWS.
 ... IC1101-(3)
 ... TP GND OF MAIN C.B.A
 ICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WHEN

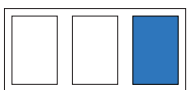
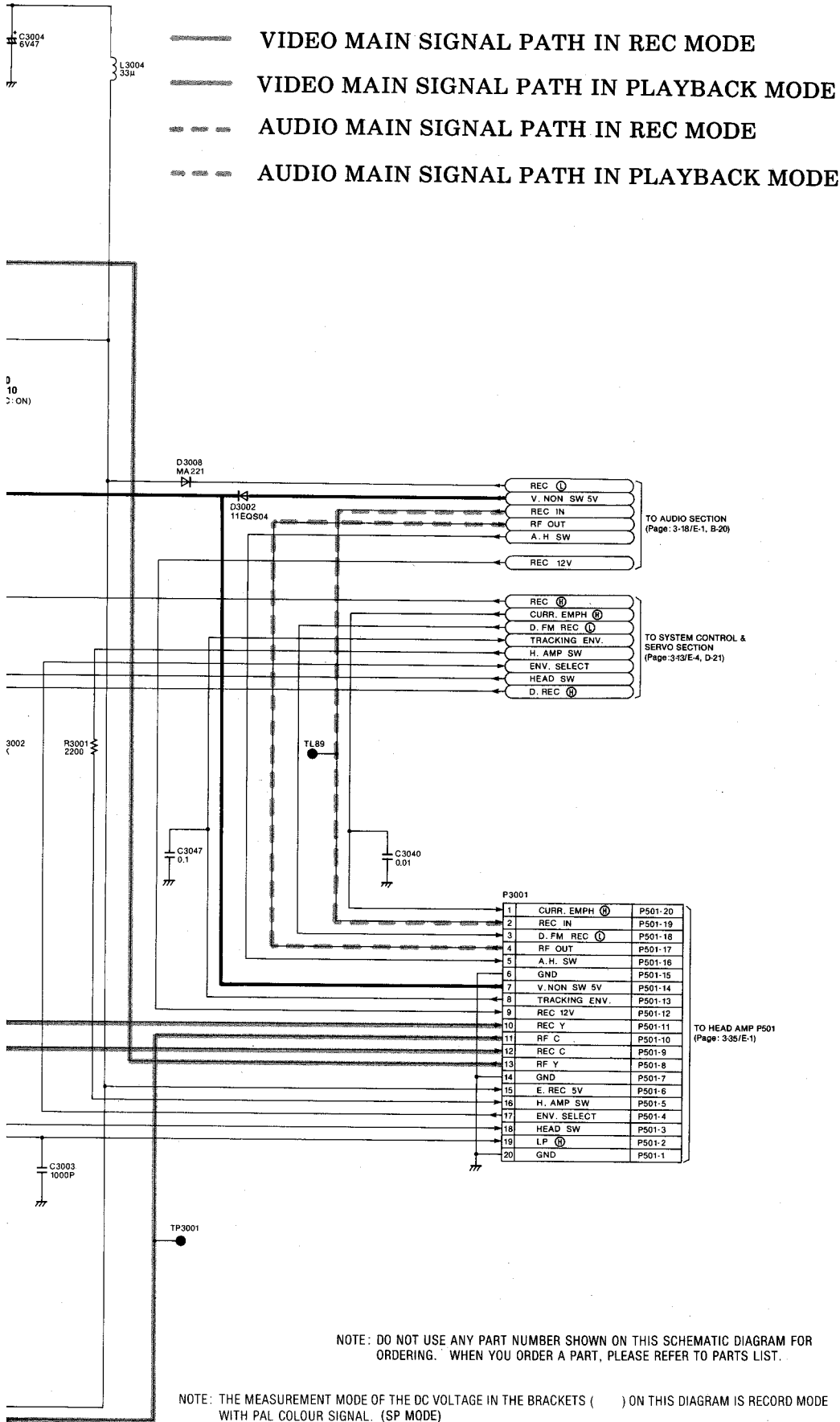
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS
 SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU
 ORDER A PART, PLEASE REFER TO PARTS LIST.



3-3. LUMINANCE & CHROMINANCE SECTION IN MAIN SCHEMATIC I



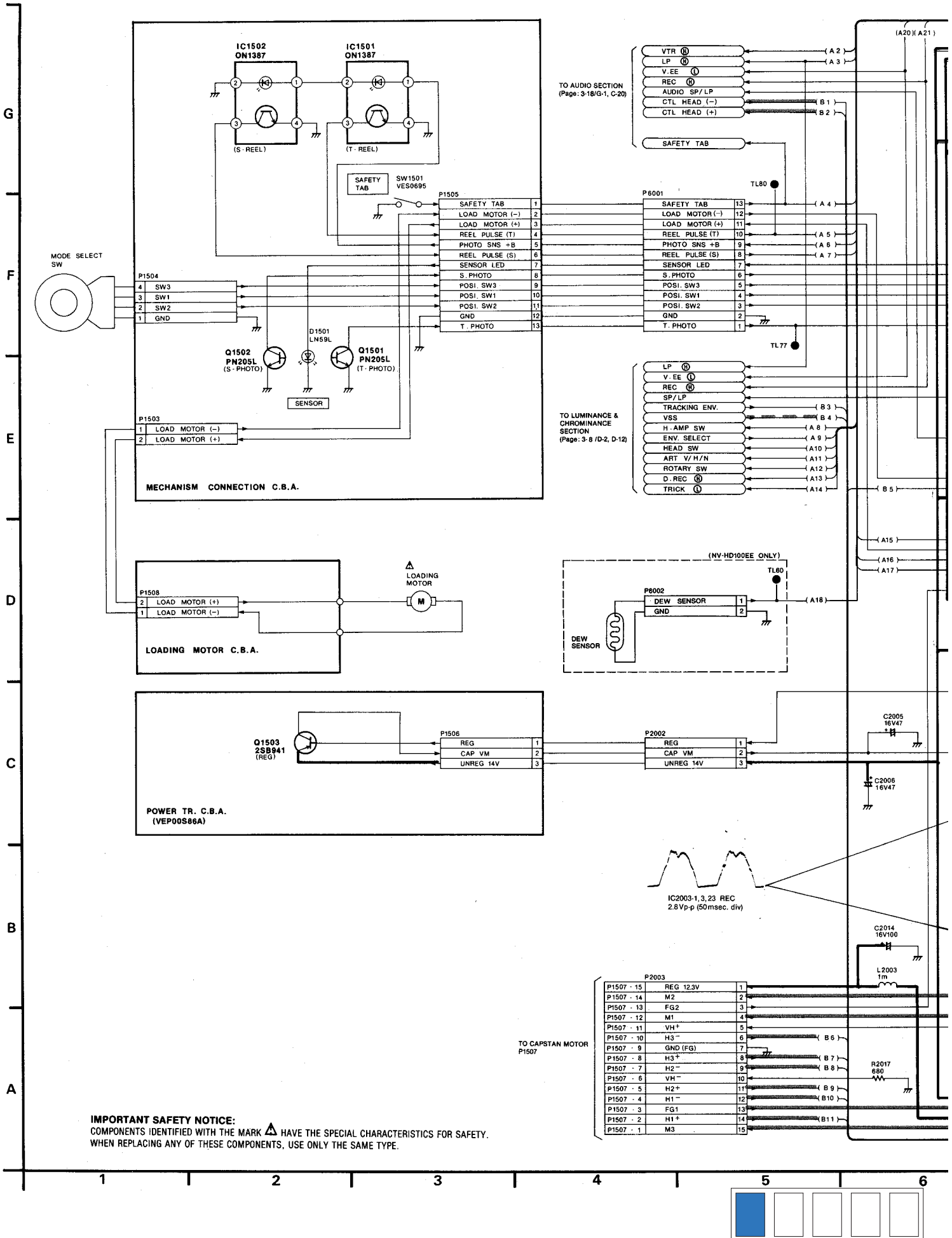
Q: NV-HD100EE) [Page: 3-57]



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

REF. NO.	Q1503			Q2001			Q6001			Q6002			Q6003			Q6004		
	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
MODE																		
STOP	14.7	4.5	14.1	5.1	4.8	5.1	5.0	5.1	5.6	5.2	14.6	5.7	5.2	-1.3	5.1	5.1	10.4	5.7
PLAY	14.3	4.7	13.8	5.1	4.8	5.1	5.0	5.1	5.6	5.0	14.5	5.7	5.0	5.0	4.3	5.1	10.2	5.7
REC	14.4	4.7	13.8	5.1	4.8	5.1	5.0	5.1	5.6	5.0	14.4	5.7	5.0	5.0	4.3	5.1	10.2	5.7
F.F	14.4	14.4	13.7	5.1	4.8	5.1	5.0	5.1	5.7	5.1	14.5	5.7	5.1	5.0	4.3	5.1	10.2	5.7
REW	14.4	14.4	13.7	5.1	4.9	5.1	5.0	5.1	5.7	5.0	14.5	5.7	5.1	5.0	4.3	5.1	10.0	5.7
REF. NO.	Q6005			Q6006														
MODE	E	C	B	E	C	B												
STOP	0.3	5.1	0	0	0	0												
PLAY	0.3	5.1	0	0	0	0												
REC	0.3	5.1	0	0	0	0												
F.F	0.3	5.1	0	0	0	0												
REW	0.3	5.1	0	0	0	0												
REF. NO.	QR2001					QR2002			QR6003					QR6004				
MODE	1	2	3	4	5	E	C	B	1	2	3	4	5	E	C	B		
STOP	0	0	5.0	0	5.0	5.1	0	5.1	0	0	5.1	0	5.0	5.1	0.1	5.1		
PLAY	0	0	5.0	0	0	5.1	0	5.1	0	0.1	5.1	0	5.0	5.1	0.1	5.1		
REC	0	0	5.0	0	5.0	5.1	0	5.1	0	0	5.1	0	5.0	5.1	0	5.1		
F.F	0	0.9	0	0	0	5.1	0	5.1	14.4	14.4	0	0	0	5.1	0.1	5.1		
REW	0	0.8	0	0	0	5.1	0	5.1	14.4	14.4	0	0	0	5.1	0.1	5.1		
REF. NO.	QR6005			QR6007					QR6010			QR6011						
MODE	E	C	B	1	2	3	4	5	E	C	B	E	C	B				
STOP	0	1.5	4.2	5.1	0	0	0	0	0	0	5.1	0	4.9	0				
PLAY	0	1.5	4.1	5.1	0	0	0	0	0	0	5.1	0	4.9	0				
REC	0	1.3	4.1	5.1	0	0	0	0	0	0	0.1	0	0	5.1				
F.F	0	1.4	4.2	5.1	0	0	0	0	0	0	5.1	0	4.9	0				
REW	0	1.3	4.0	5.1	0	0	0	0	0	0	5.1	0	4.9	0				

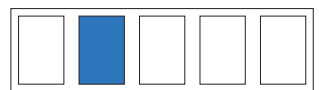
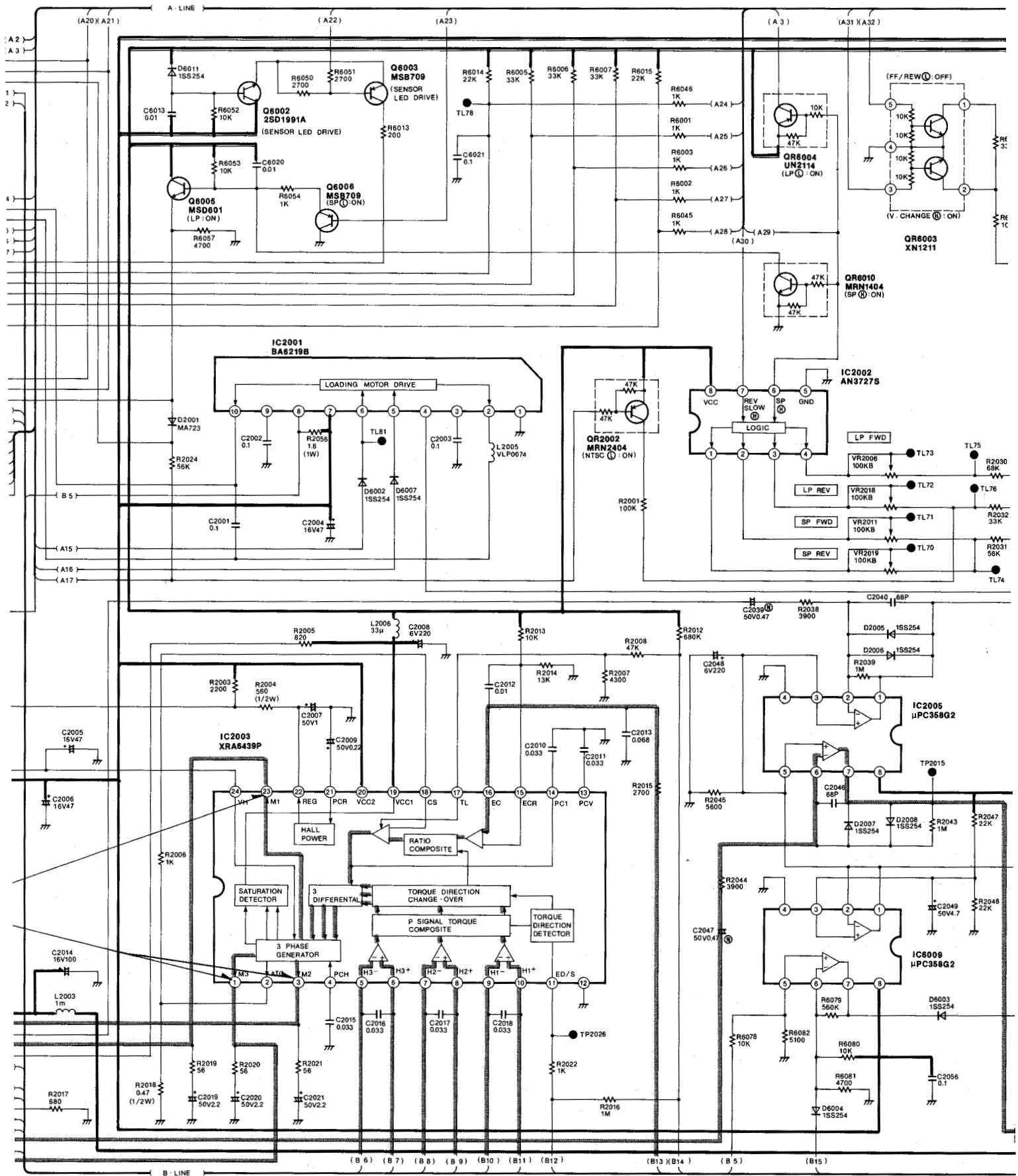
3-4. SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM

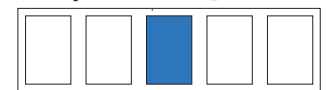
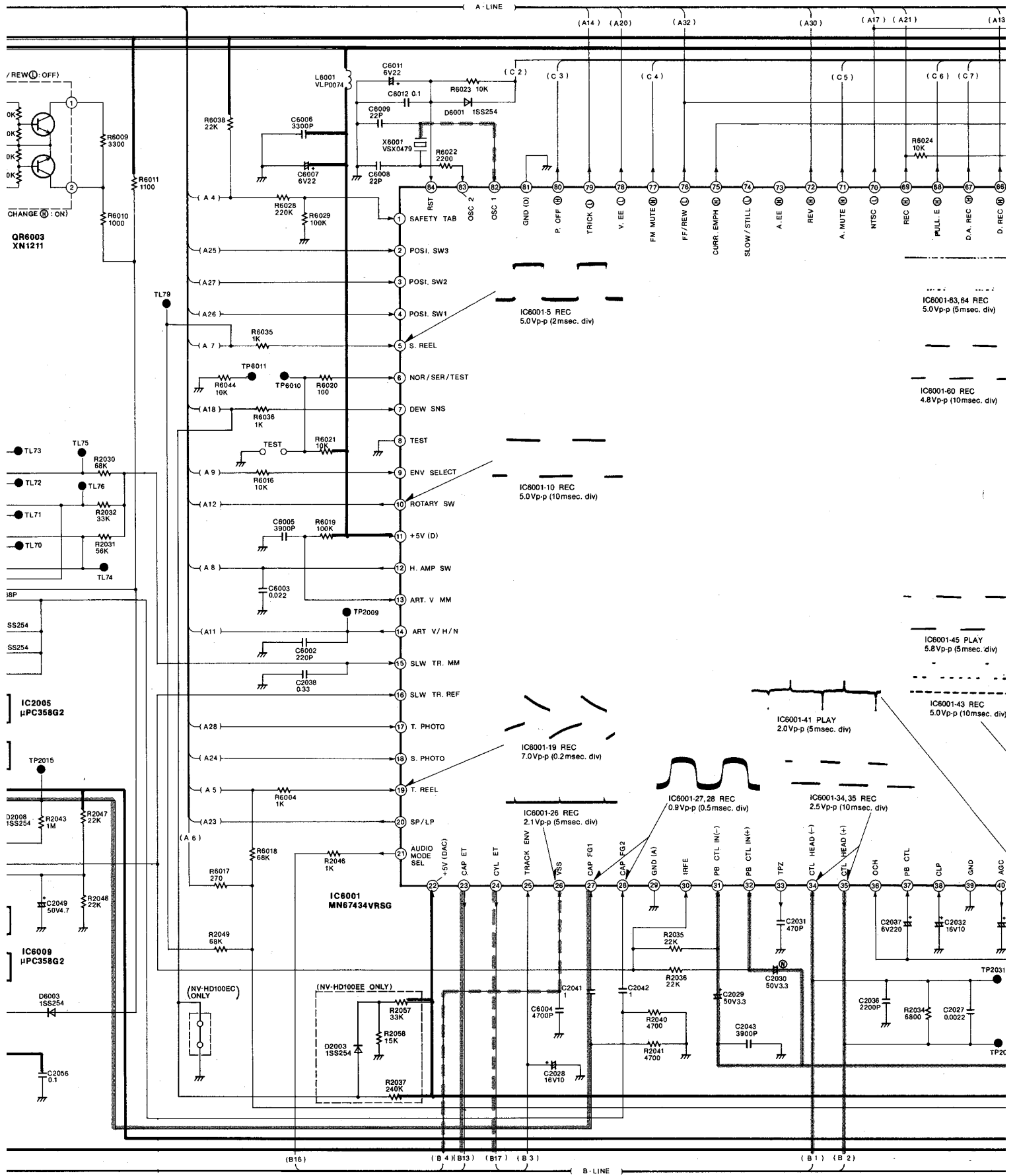


IMPORTANT SAFETY NOTICE:
 COMPONENTS IDENTIFIED WITH THE MARK Δ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
 WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

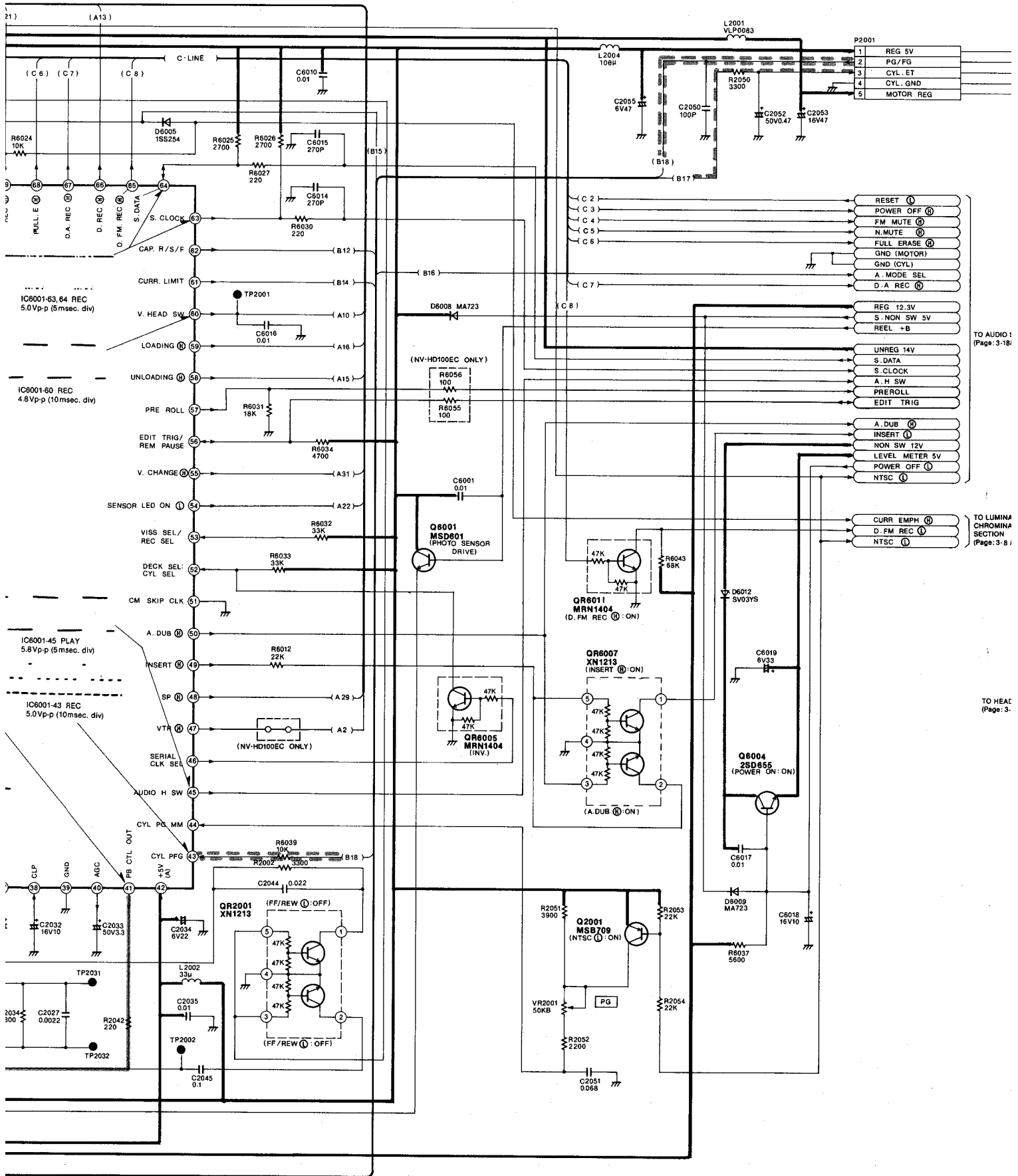
CAPSTAN SERVO SPEED LOOP

CAPSTAN SI





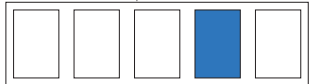
CYLINDER SERVO PHASE LOOP

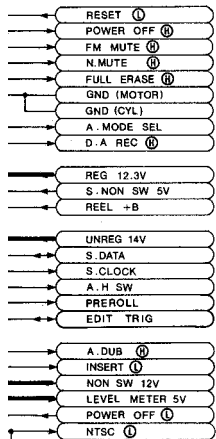
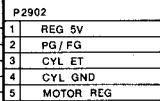
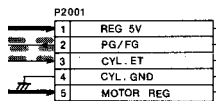


TO AUDIO 3 (Page: 3-18)

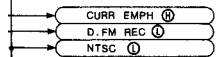
TO LUMINA CHROMINA SECTION (Page: 3-8)

TO HEAD (Page: 3-)



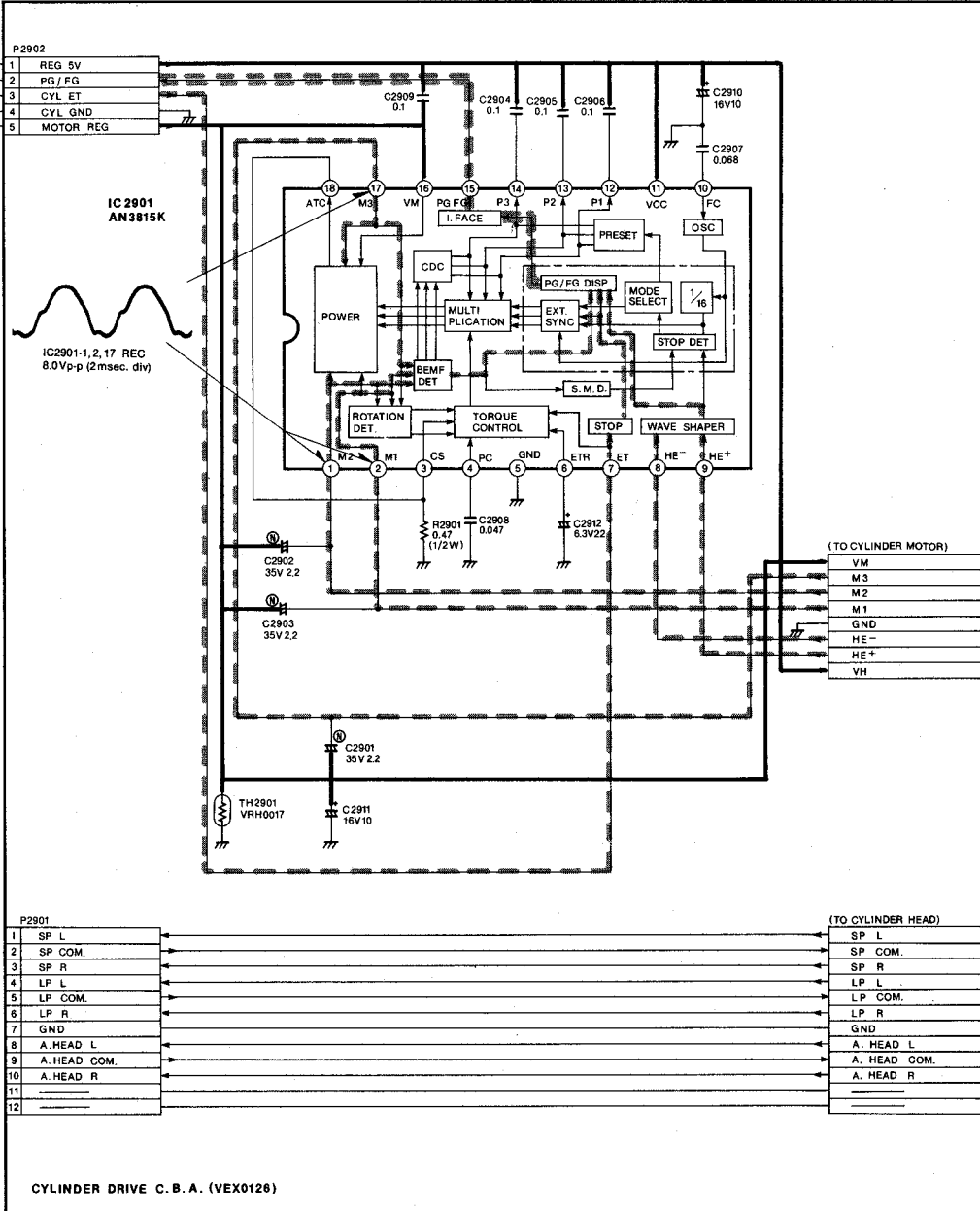


TO AUDIO SECTION
(Page: 3-18/G-1, C-20)



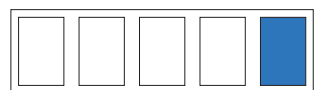
TO LUMINANCE & CHROMINANCE SECTION
(Page: 3-8 /D-2, D-12)

TO HEAD AMP P502
(Page: 3-35/A-1)

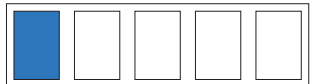
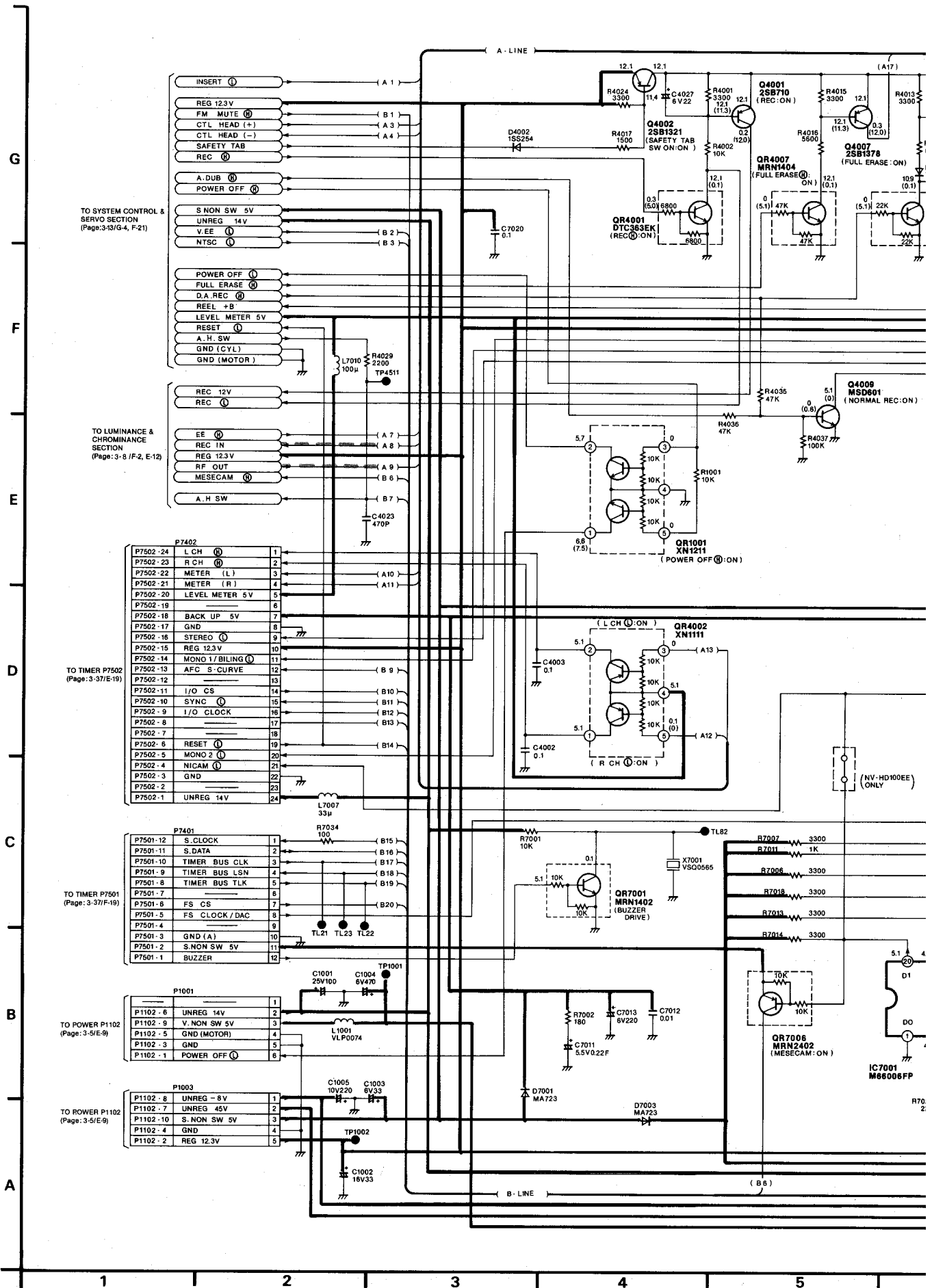


CYLINDER DRIVE C. B. A. (VEX0126)

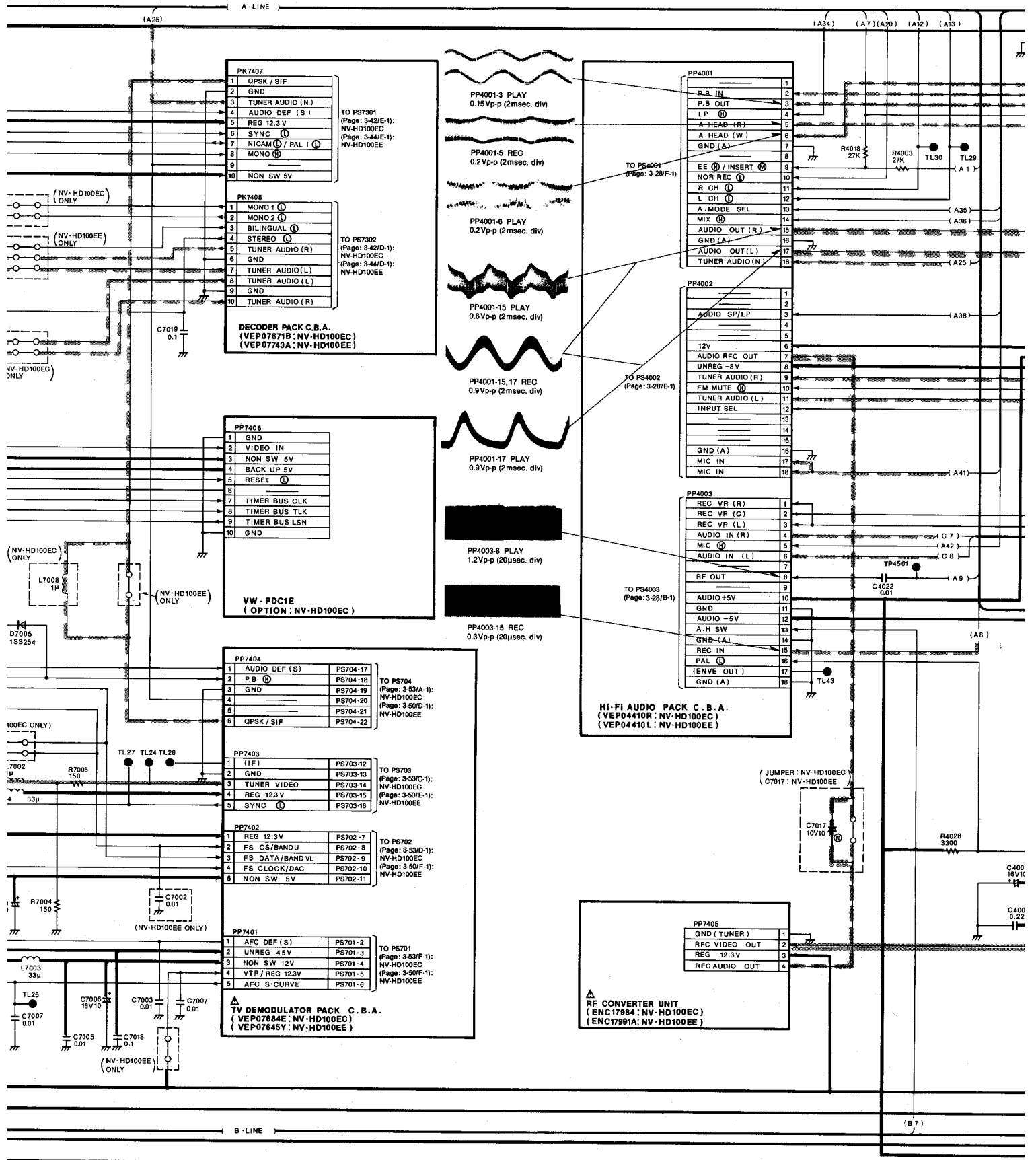
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.



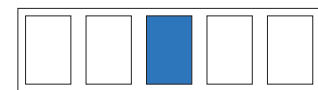
3-5. AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM (VEP03977K:



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

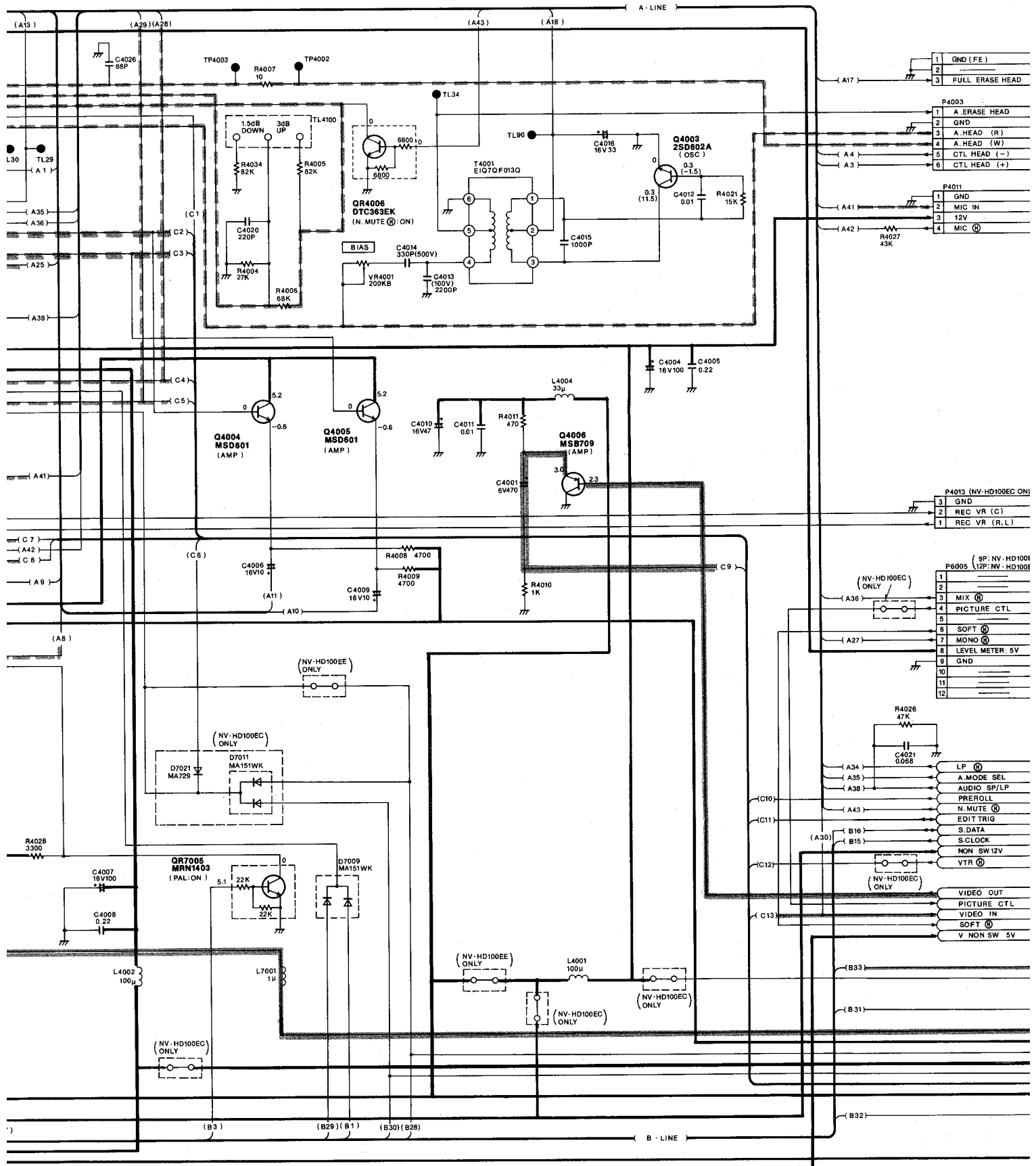


IMPORTANT SAFETY NOTICE:
 COMPONENTS IDENTIFIED WITH THE MARK Δ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
 WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.



AL PATH IN REC MODE

AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



ISTICS FOR SAFETY.

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

THE MEASUREMENT MODE OF THE WITH PAL COLOUR SIGNAL. (SP M

15

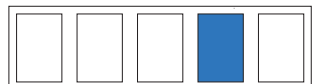
16

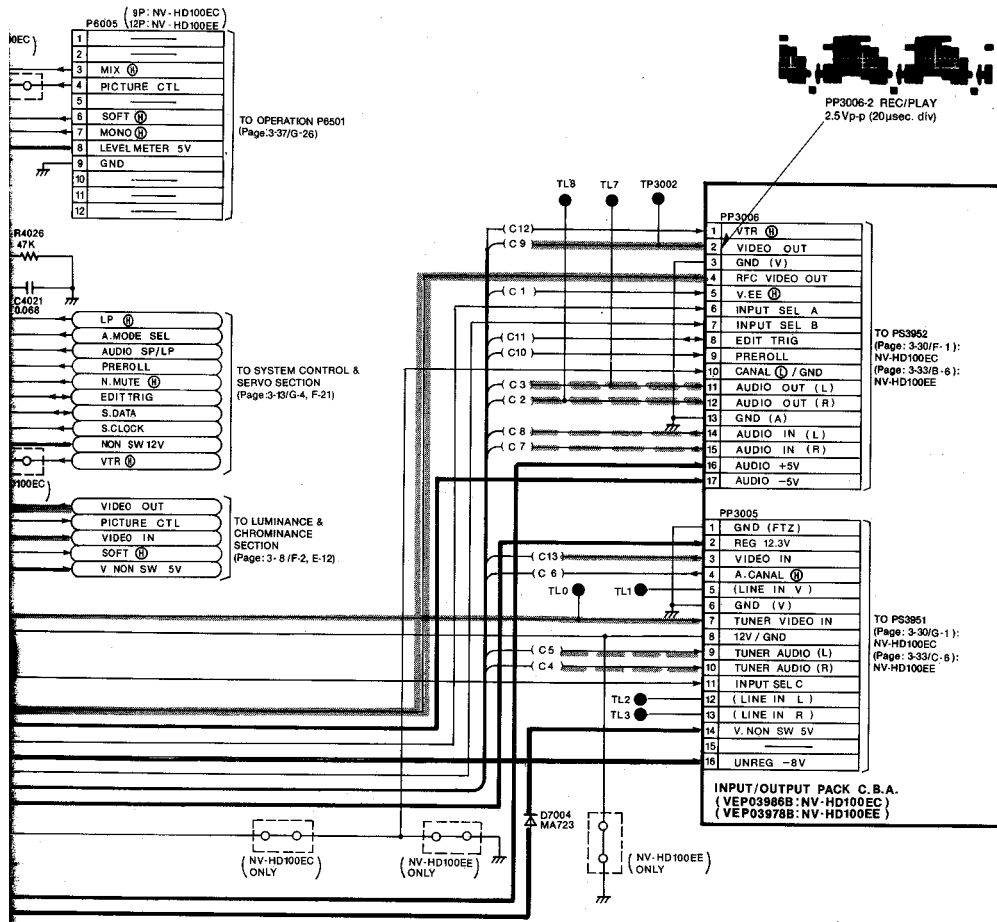
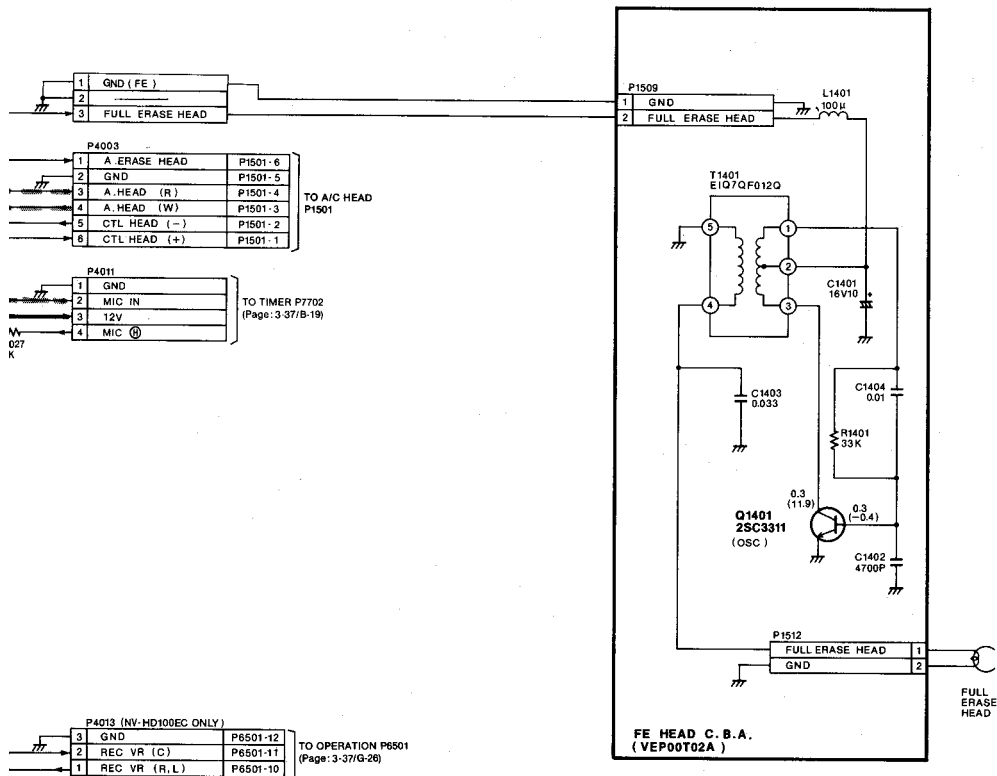
17

18

19

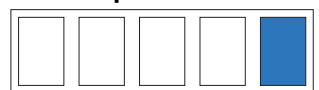
20



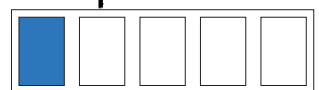
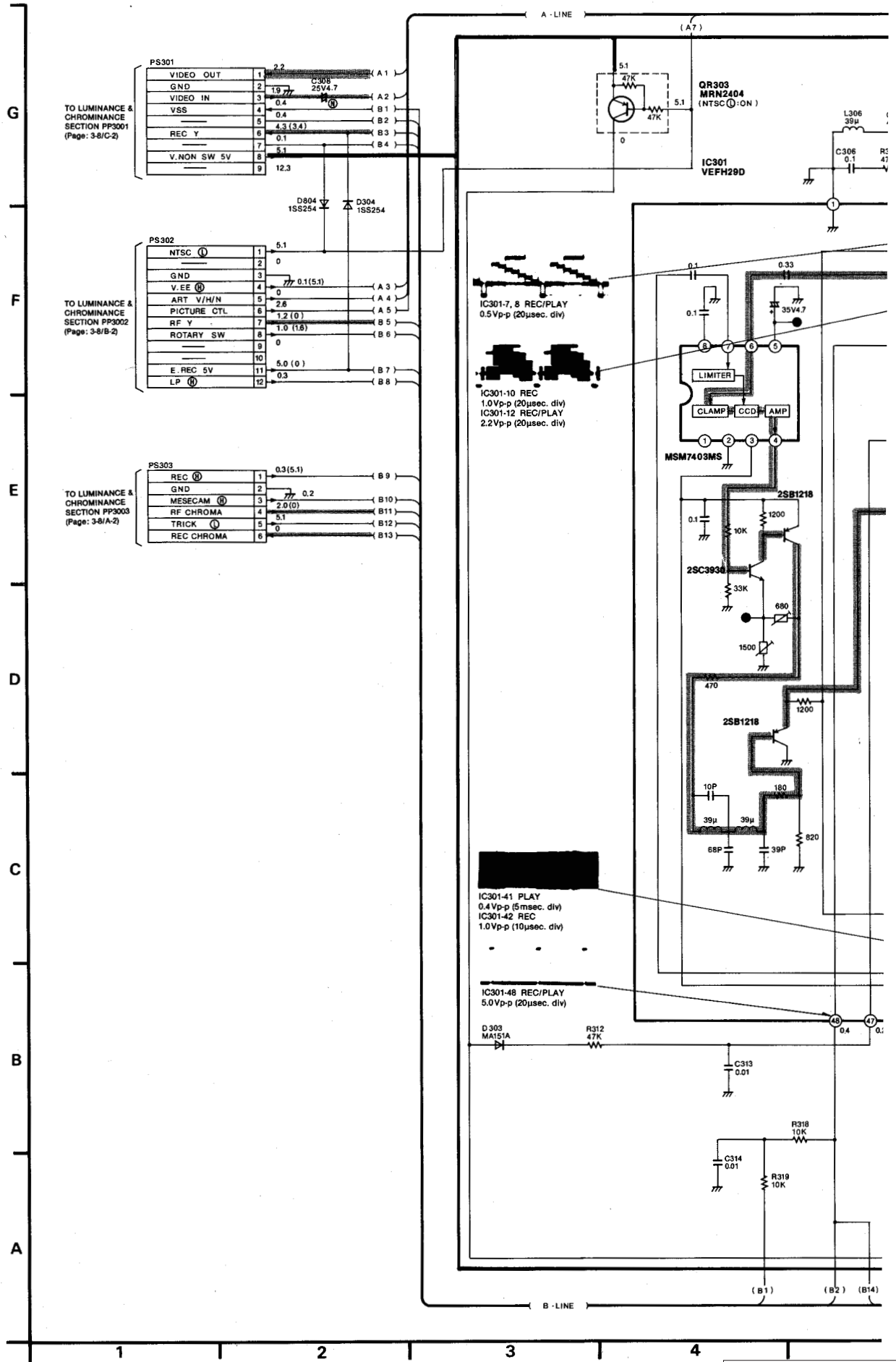


MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE PAL COLOUR SIGNAL. (SP MODE)

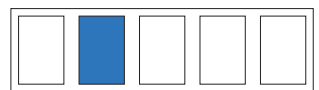
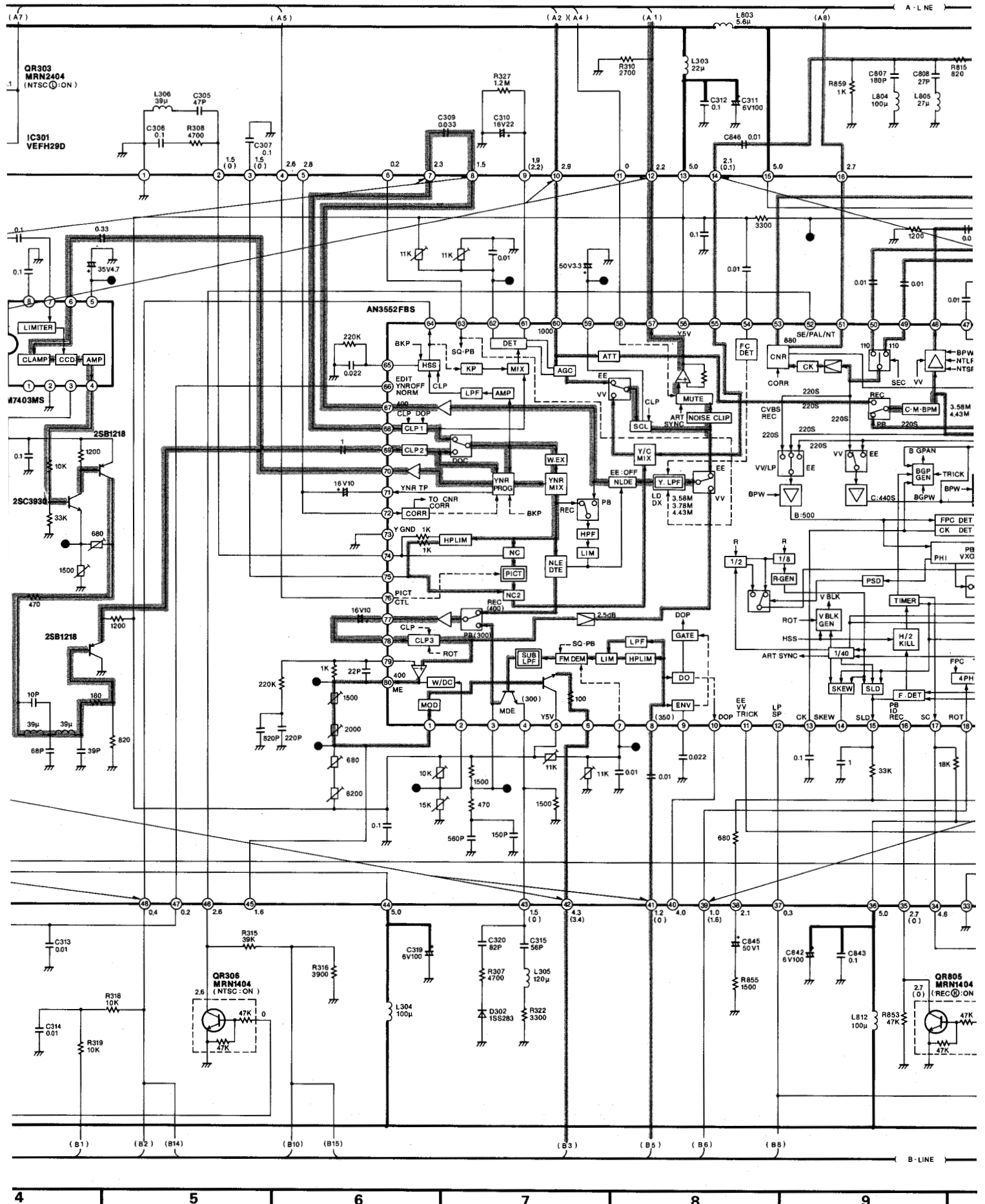
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

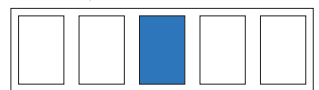
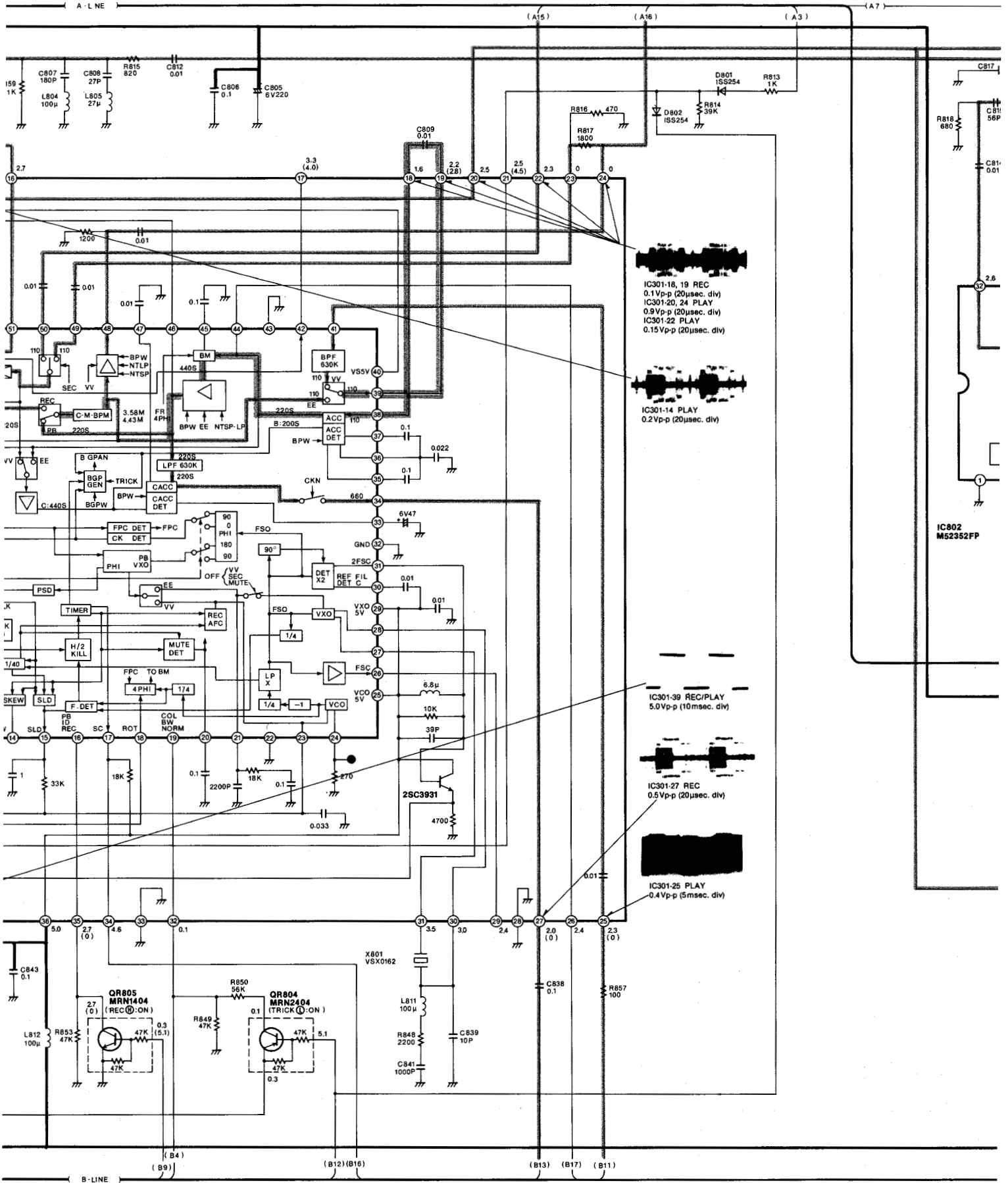


3-6. LUMINANCE & CHROMINANCE PACK SCHEMATIC DIAG

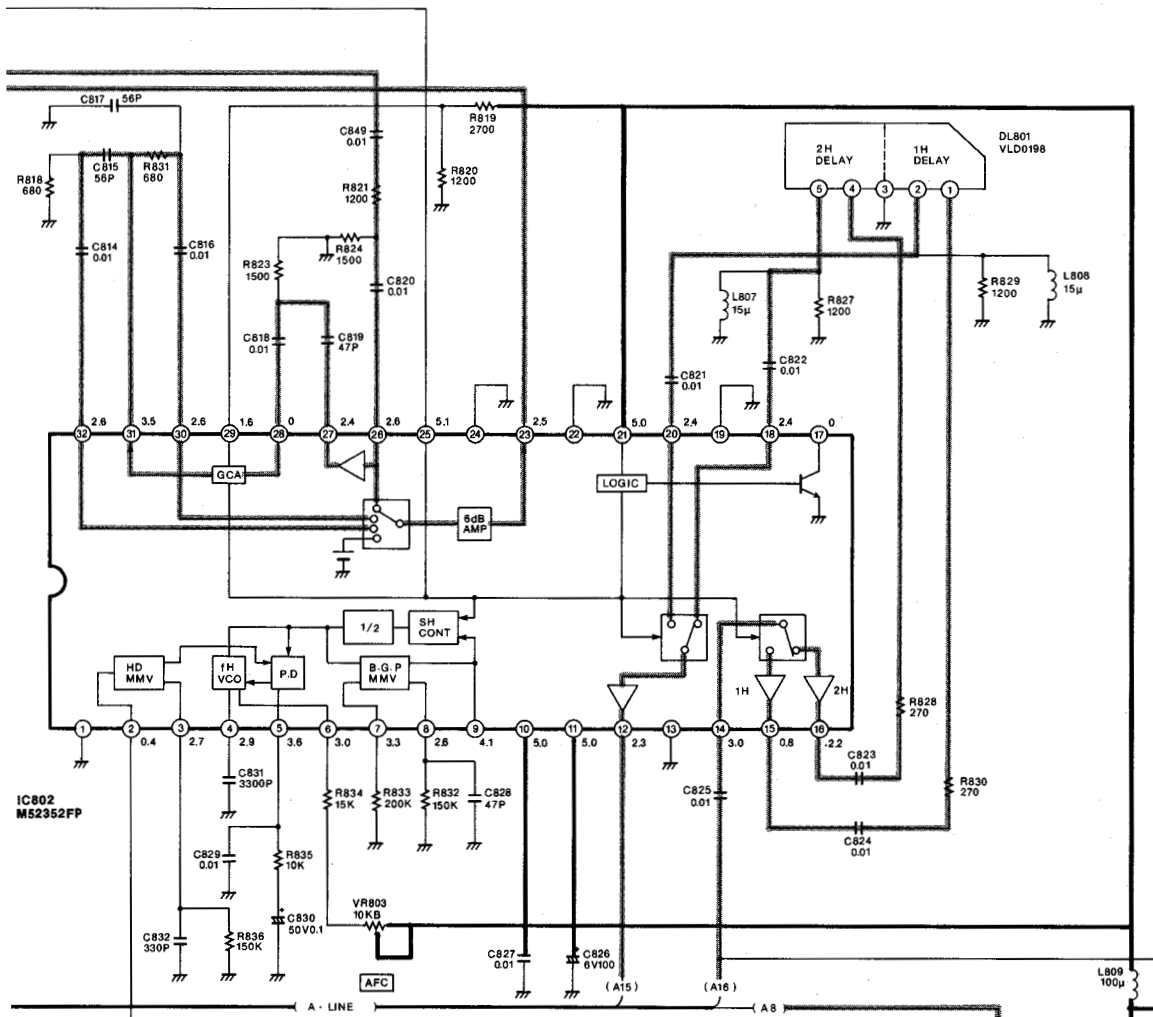


EMATIC DIAGRAM (VEP03975J: NV-HD100EC) (VEP03975F: NV-HD100EE) [Page 4]

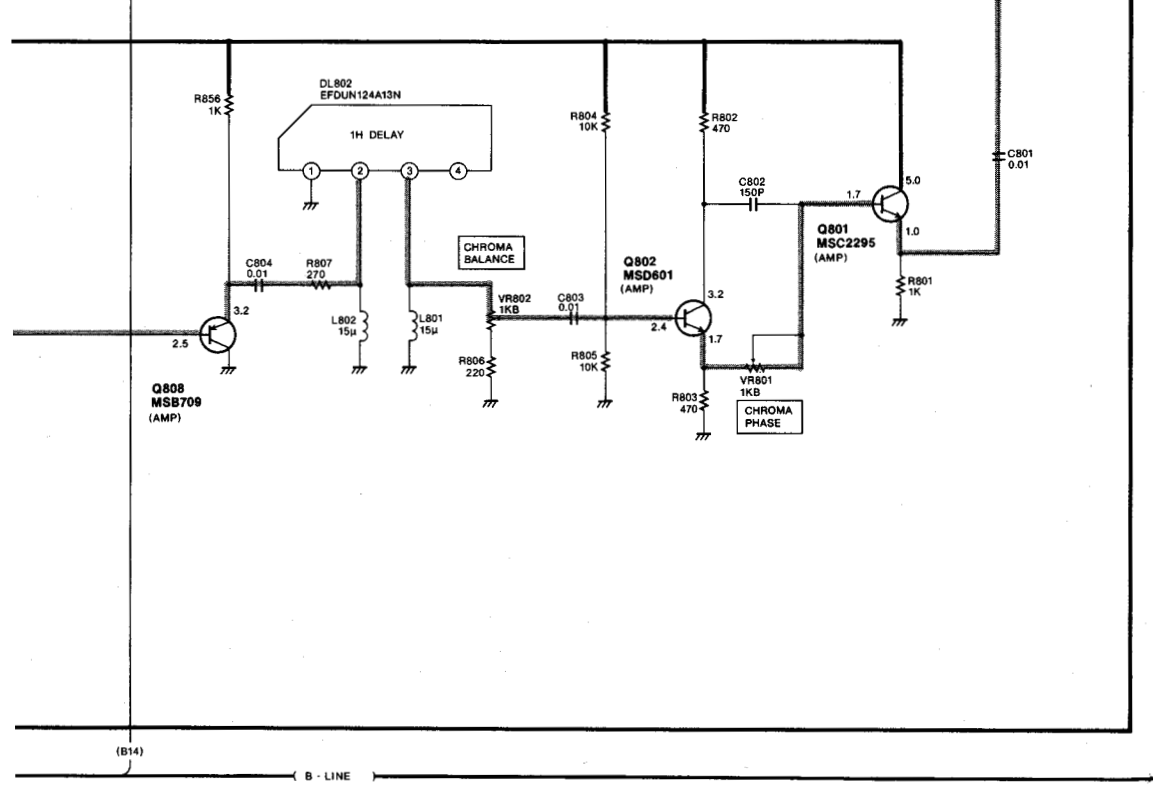




IN PLAYBACK MODE



PK881	
(B16)	4.6
(B17)	2.4
(B7)	5.0(0)
	0
(B15)	0.2
	5.0
	7



DDR SECAM PACK C.E
(VEP03A02A:NV-HD10)

NOTE: THE MEA
WITH PAI
THE MEA
WITH PAI

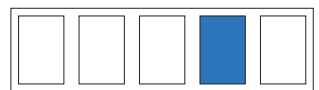
15

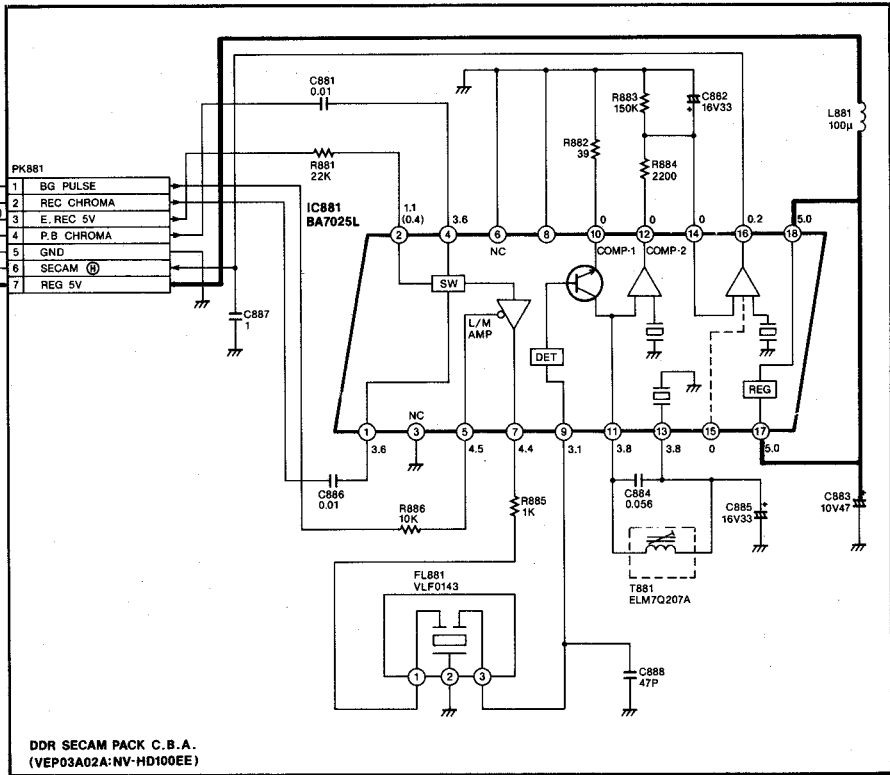
16

17

18

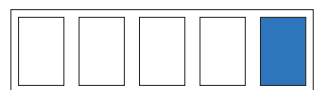
19





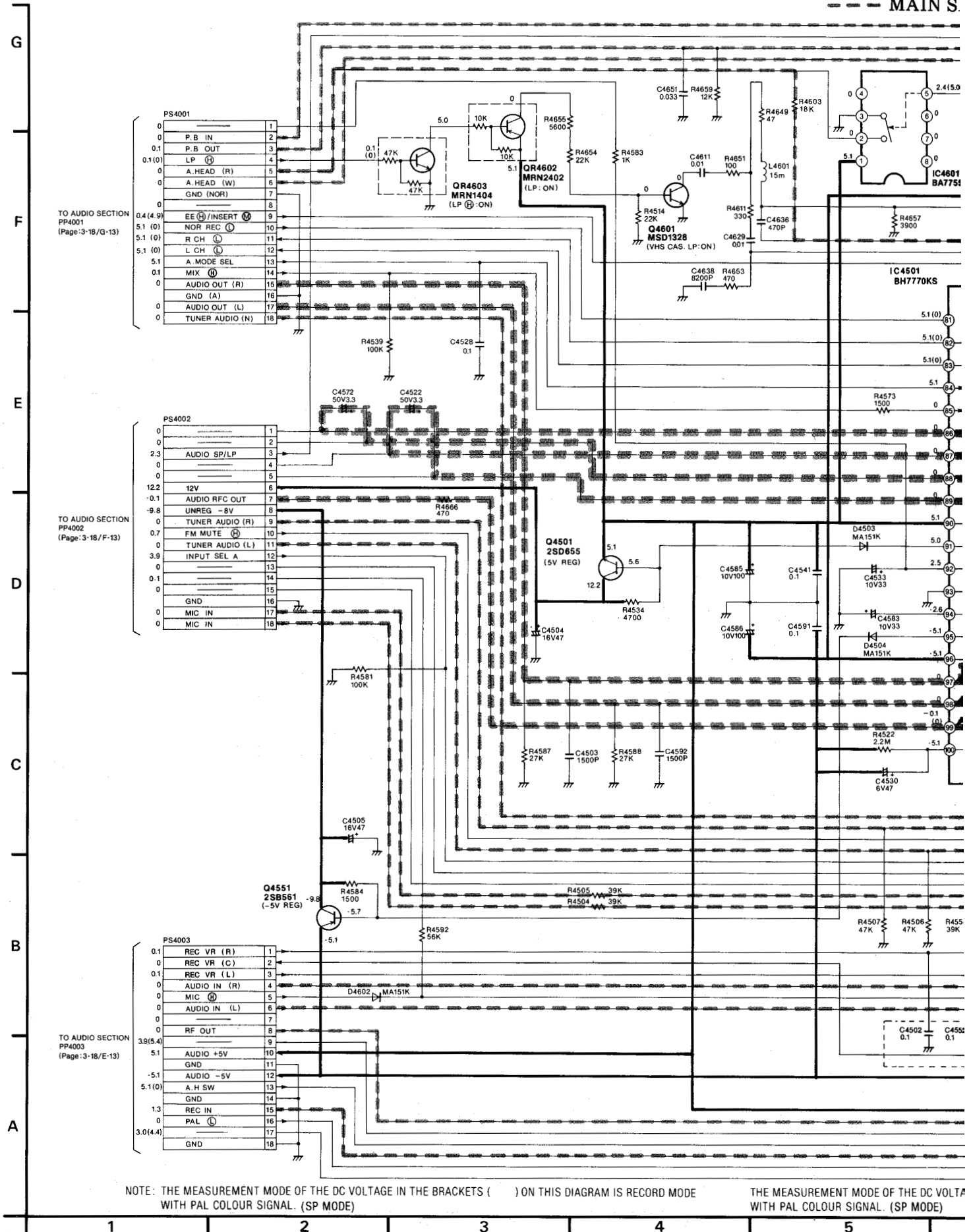
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

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



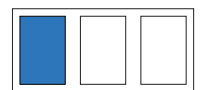
3-7. HI-FI AUDIO PACK SCHEMATIC DIAGRAM (VEP04410R: NV-HD100EC)

--- MAIN S.



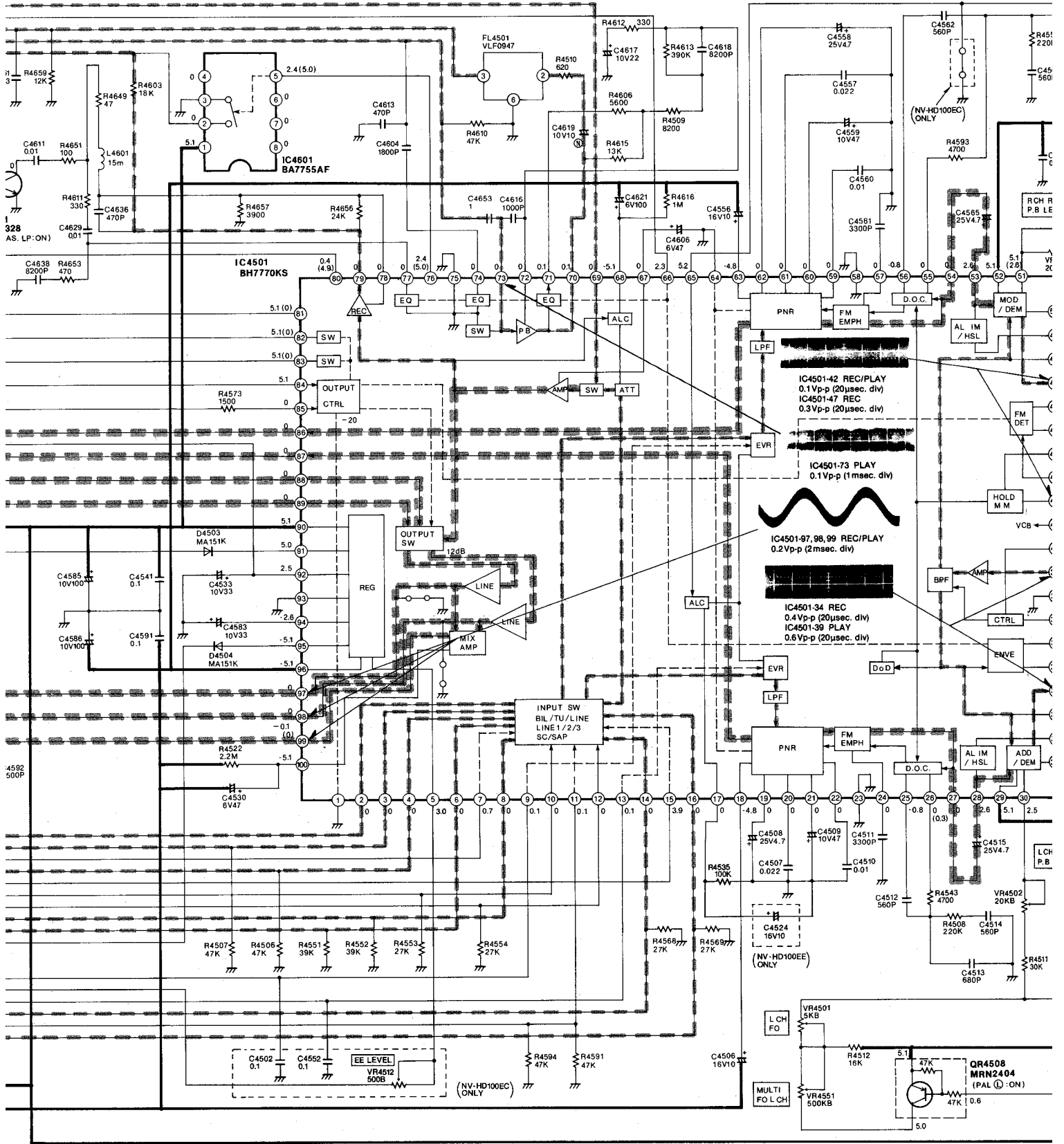
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS () ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)

THE MEASUREMENT MODE OF THE DC VOLTAGE WITH PAL COLOUR SIGNAL. (SP MODE)



MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL PATH IN PLAY



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

• LINE IN SIGNAL LEVEL... -10dB 1kHz

NOTE: DO NOT US ORDERING.

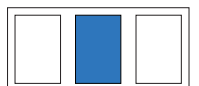
5

6

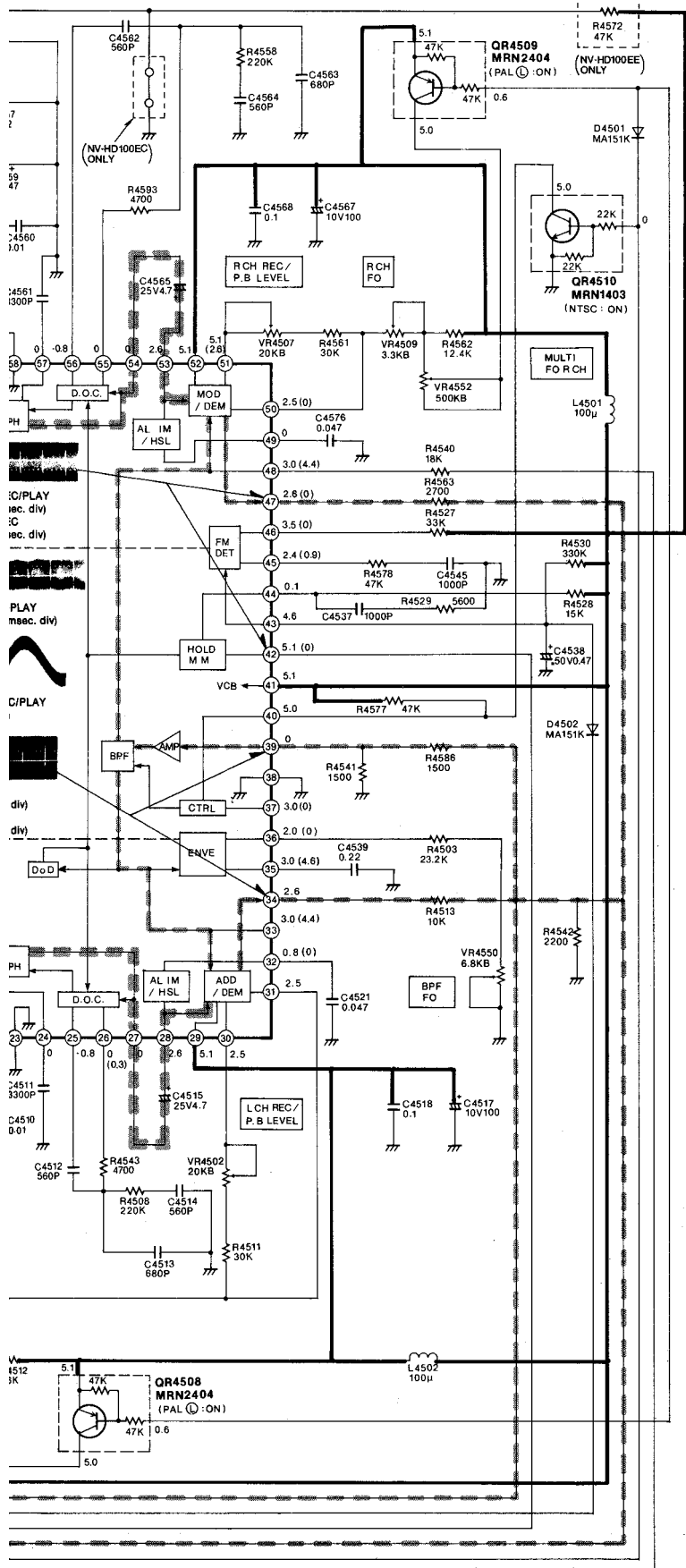
7

8

9



NAL PATH IN PLAYBACK MODE



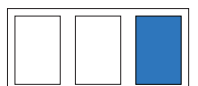
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

0dB 1kHz

9

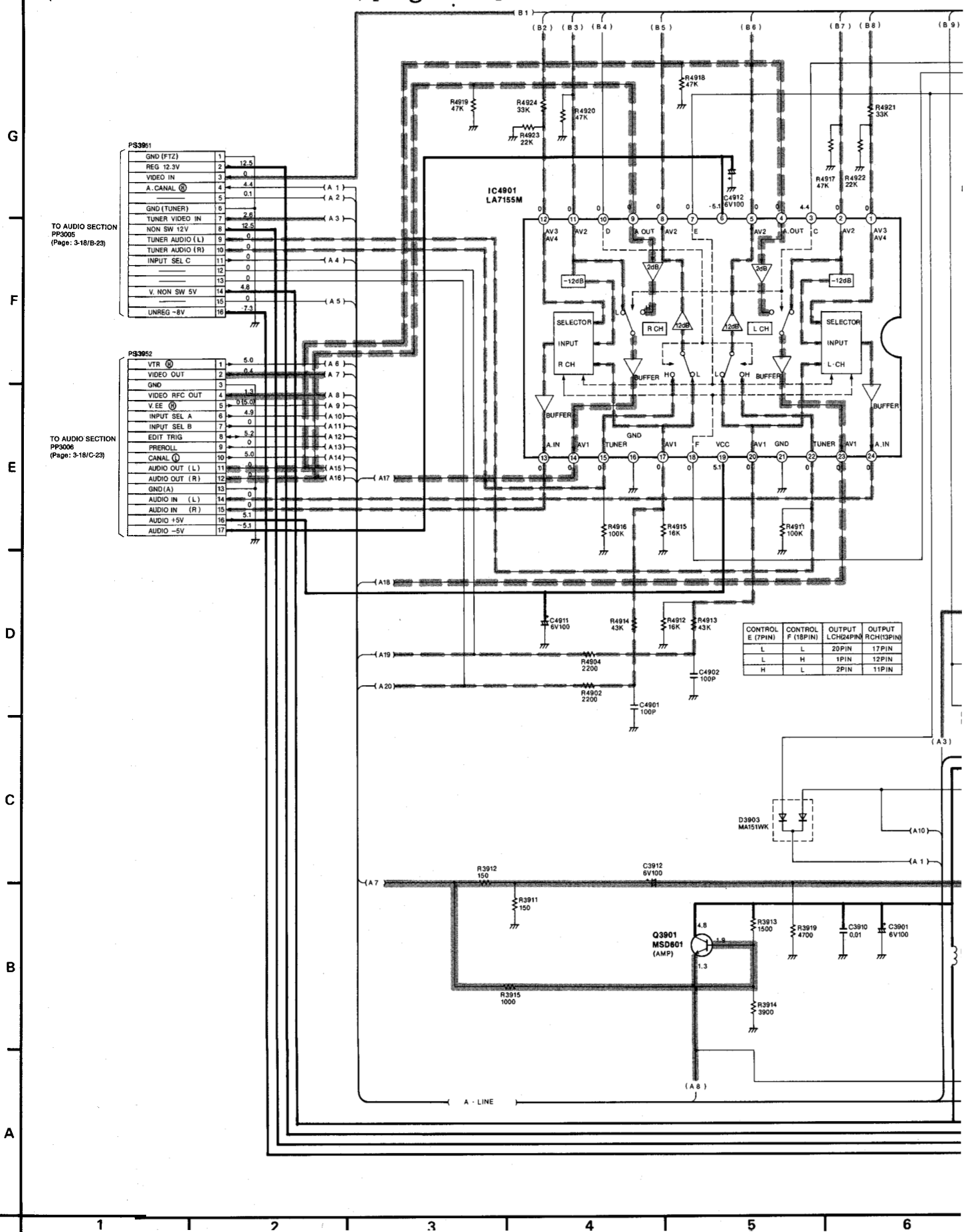
10

11



3-8. INPUT/OUTPUT PACK SCHEMATIC DIAGRAM (VEP03986B: NV-HD100EC) [Page: 3-67]

VIDEO MA
VIDEO MA



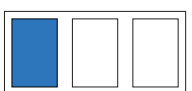
PS3961

GND (FT2)	1	12.5	
REG 12.3V	2	0	
VIDEO IN	3	0	
A. CANAL (A)	4	4.4	(A 1)
	5	0.1	(A 2)
GND (TUNER)	6	2.8	
TUNER VIDEO IN	7	12.5	(A 3)
NON SW 12V	8	0	
TUNER AUDIO (L)	9	0	
TUNER AUDIO (R)	10	0	
INPUT SEL C	11	0	(A 4)
	12	0	
	13	4.8	
V. NON SW 5V	14	0	(A 5)
UNREG -8V	15	7.3	
	16		

PS3952

VTR (A)	1	5.0	(A 6)
VIDEO OUT	2	0.4	(A 7)
GND	3		
VIDEO RFC OUT	4	1.3	(A 8)
V.EE (A)	5	0.15	(A 9)
INPUT SEL A	6	4.9	(A 10)
INPUT SEL B	7	0	(A 11)
EDIT TRIG	8	5.2	(A 12)
PREROLL	9	0	(A 13)
CANAL (A)	10	5.0	(A 14)
AUDIO OUT (L)	11	0	(A 15)
AUDIO OUT (R)	12	0	(A 16)
GND (A)	13		(A 17)
AUDIO IN (L)	14	0	
AUDIO IN (R)	15	0	
AUDIO +5V	16	5.1	
AUDIO -5V	17	-5.1	

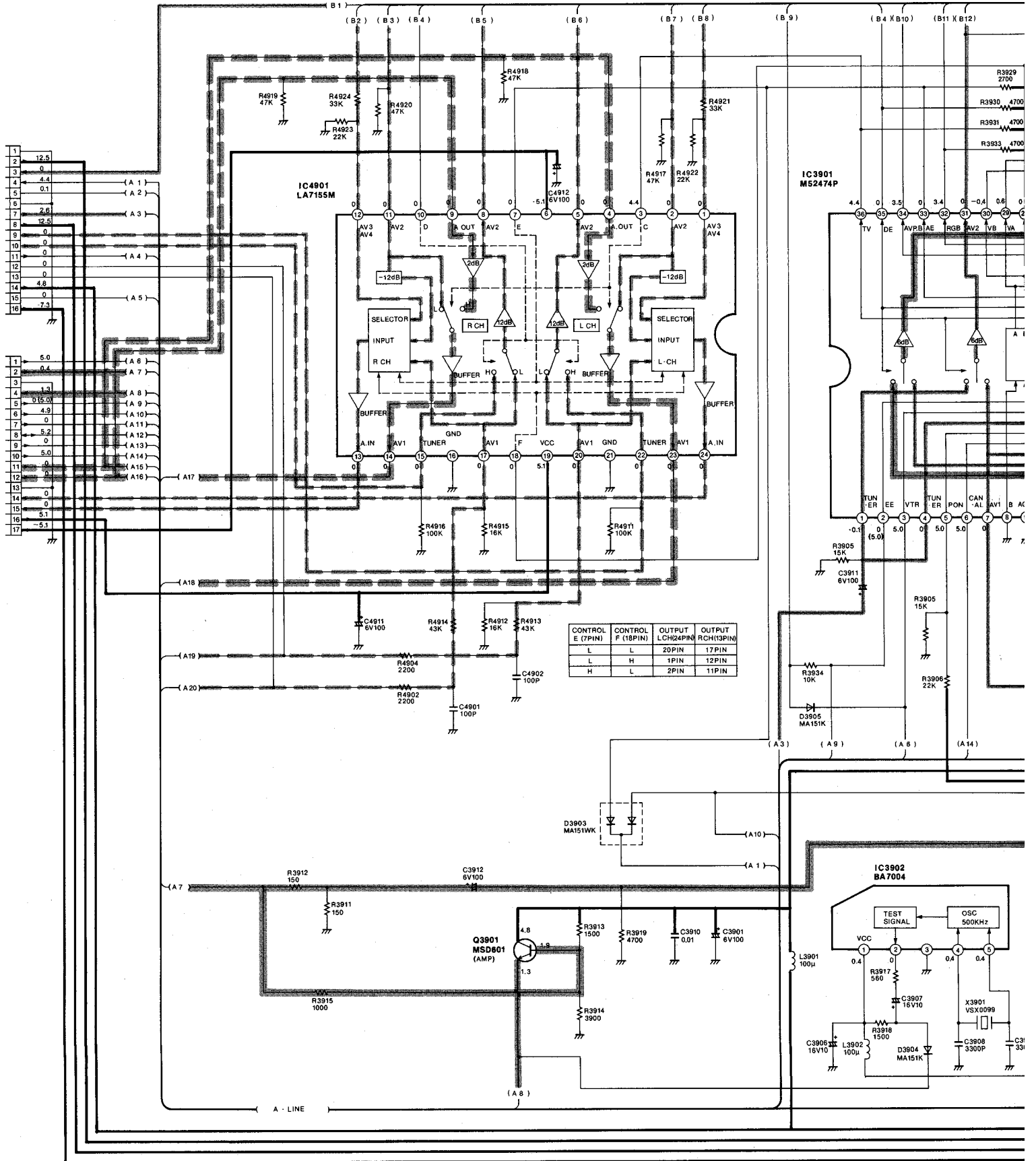
CONTROL E (7PIN)	CONTROL F (18PIN)	OUTPUT LCH(24PIN)	OUTPUT RCH(13PIN)
L	L	20PIN	17PIN
L	H	1PIN	12PIN
H	L	2PIN	11PIN



UT PACK SCHEMATIC DIAGRAM

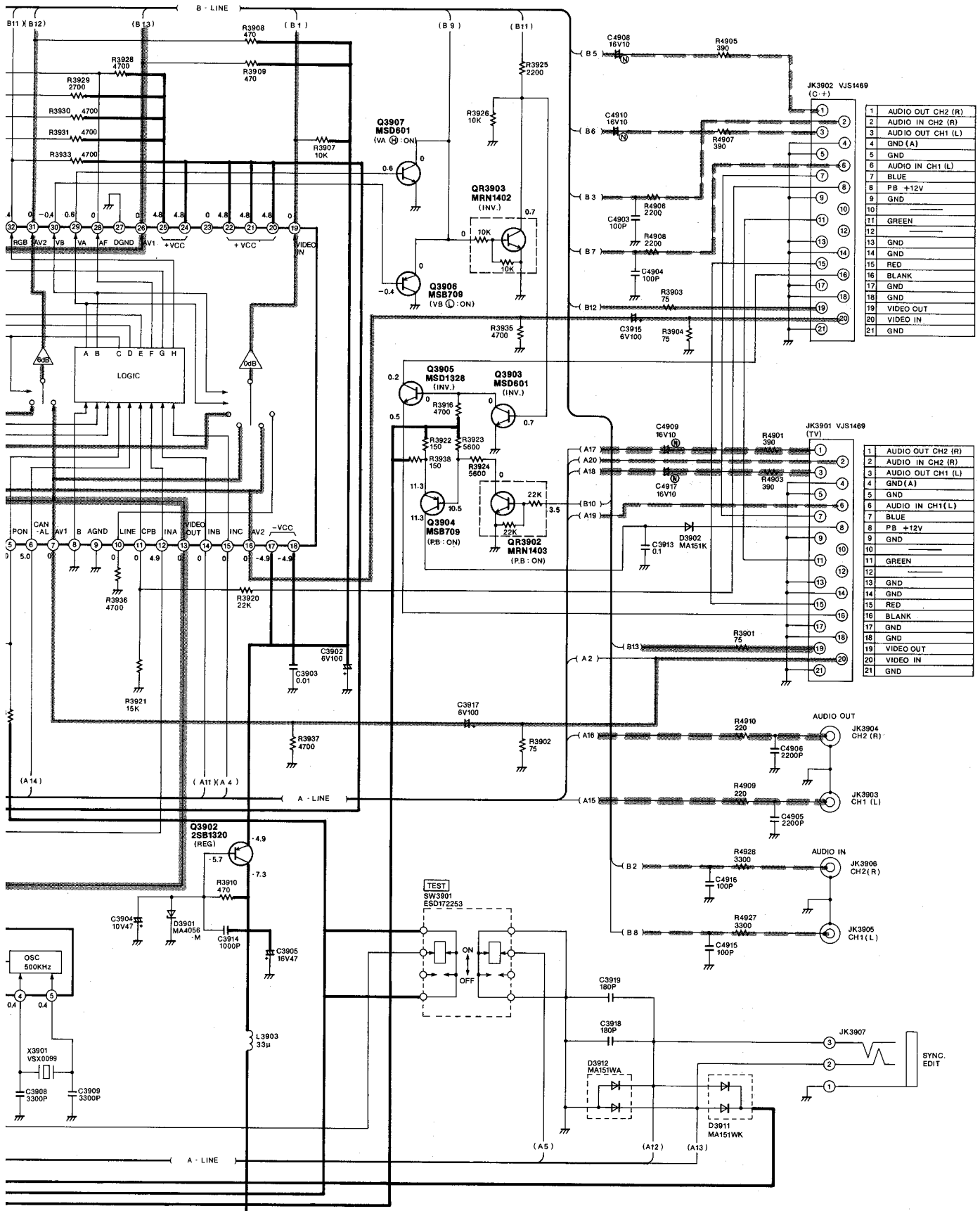
TV-HD100EC) [Page: 3-67]

===== VIDEO MAIN SIGNAL PATH IN RE
 ===== VIDEO MAIN SIGNAL PATH IN PL



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

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

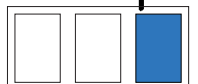
8

9

10

11

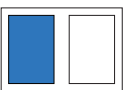
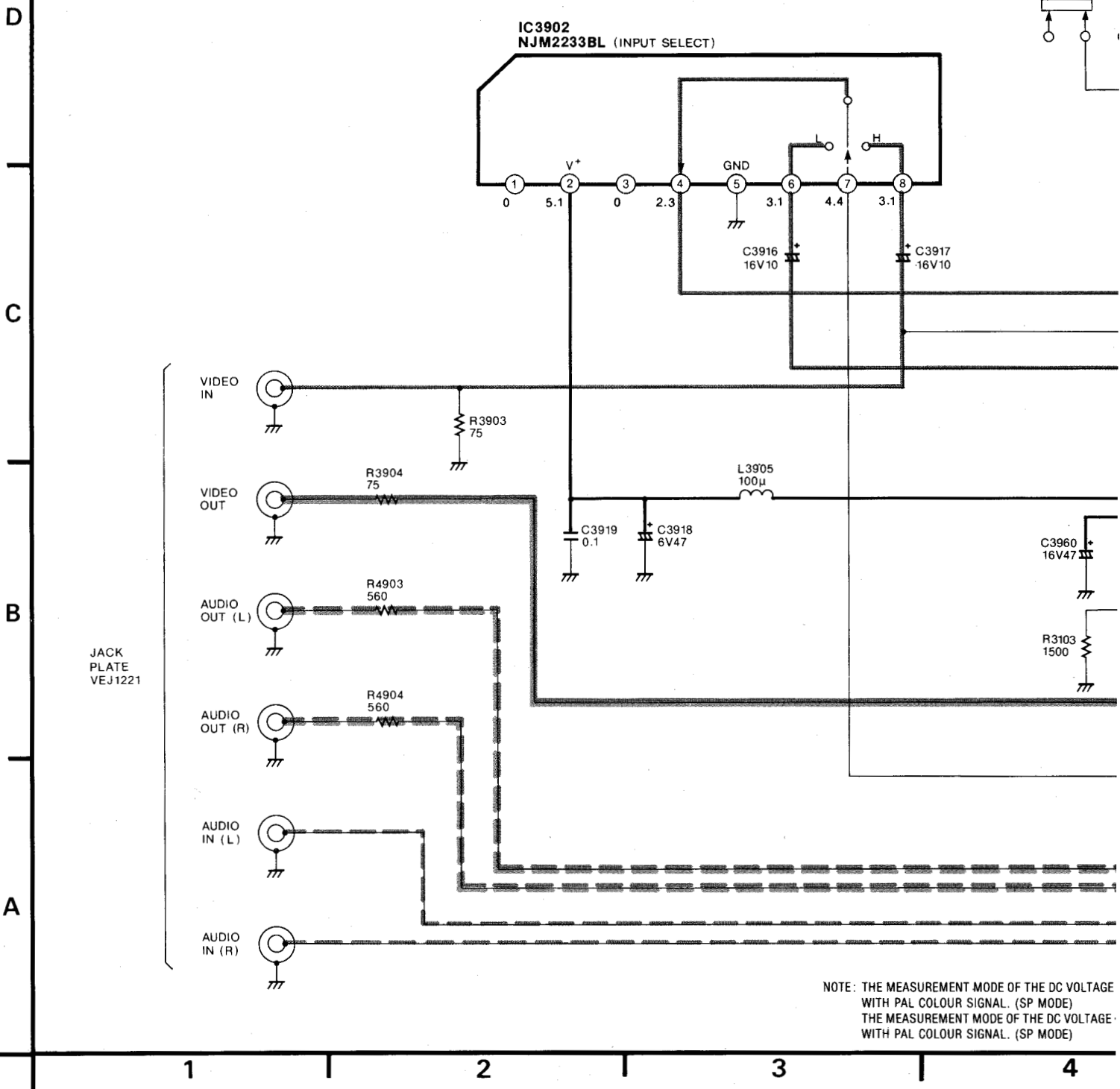
12

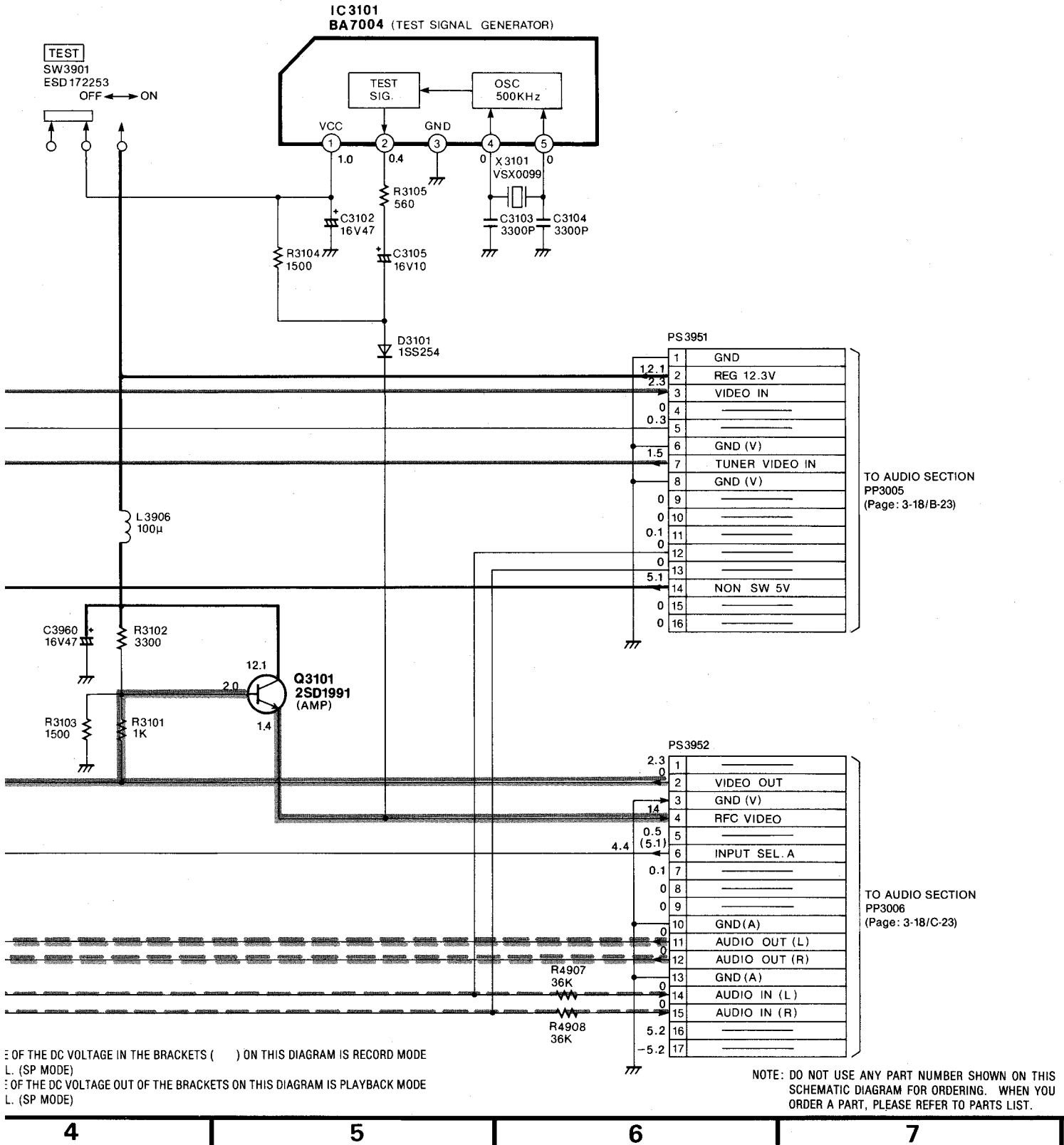


3-9. INPUT/OUTPUT PACK SCHEMATIC DIAGRAM (VEP03978B: NV-HD100EI)

- 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

TEST
SW3901
ESD 172253
OFF ←





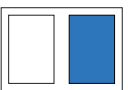
OF THE DC VOLTAGE IN THE BRACKETS () ON THIS DIAGRAM IS RECORD MODE
L. (SP MODE)
OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE
L. (SP MODE)

4

5

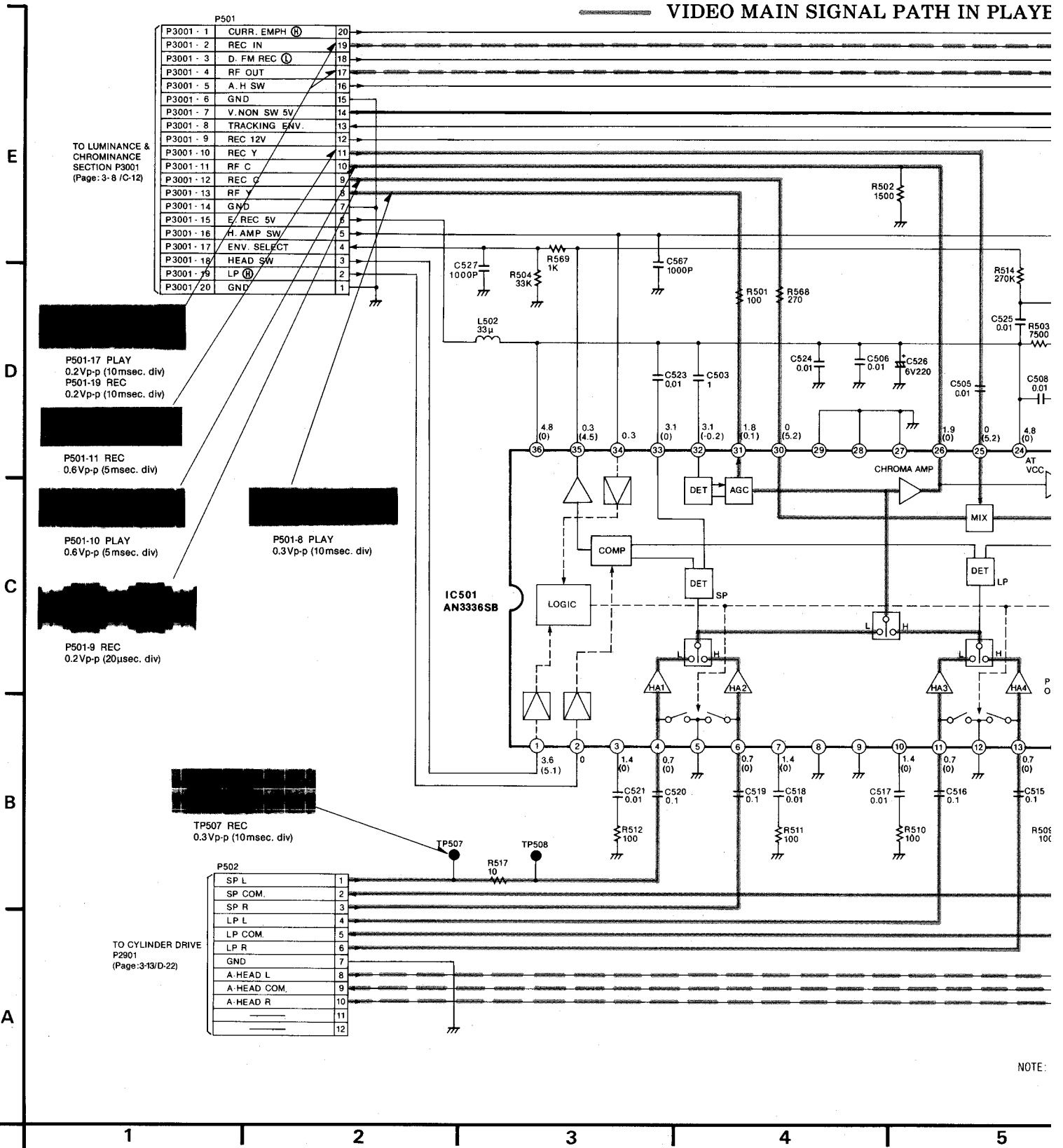
6

7

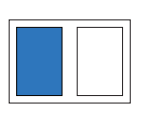


3-10. HEAD AMP SCHEMATIC DIAGRAM (VEP05176C) [Page: 3-71]

----- VIDEO MAIN SIGNAL PATH IN REC M
 ----- VIDEO MAIN SIGNAL PATH IN PLAYE

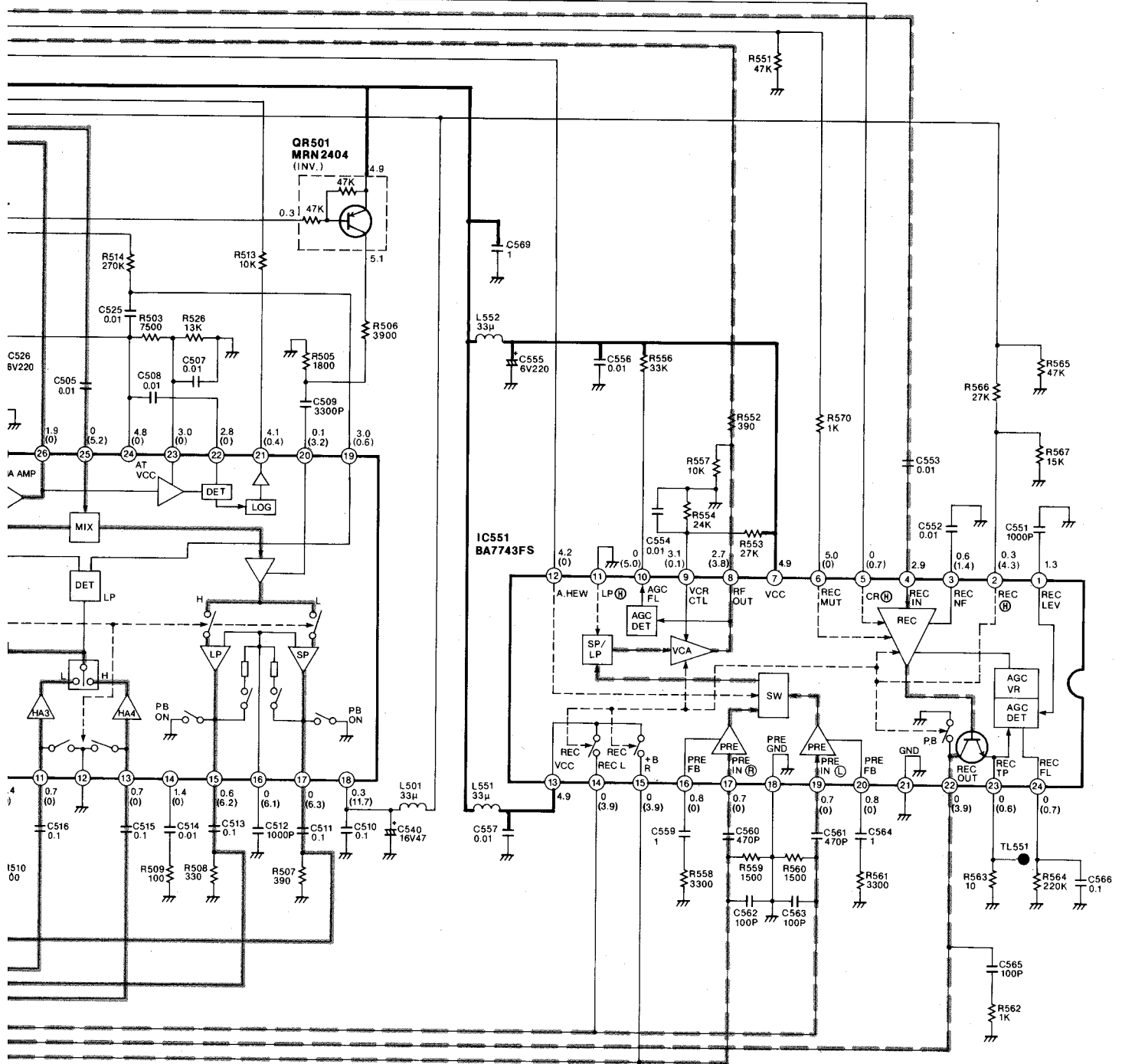


NOTE:



PATH IN REC MODE
 PATH IN PLAYBACK MODE

Hi-Fi AUDIO MAIN SIGNAL PATH IN REC MODE
 Hi-Fi 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. (SP MODE)
 THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

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

5

6

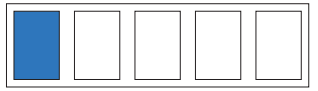
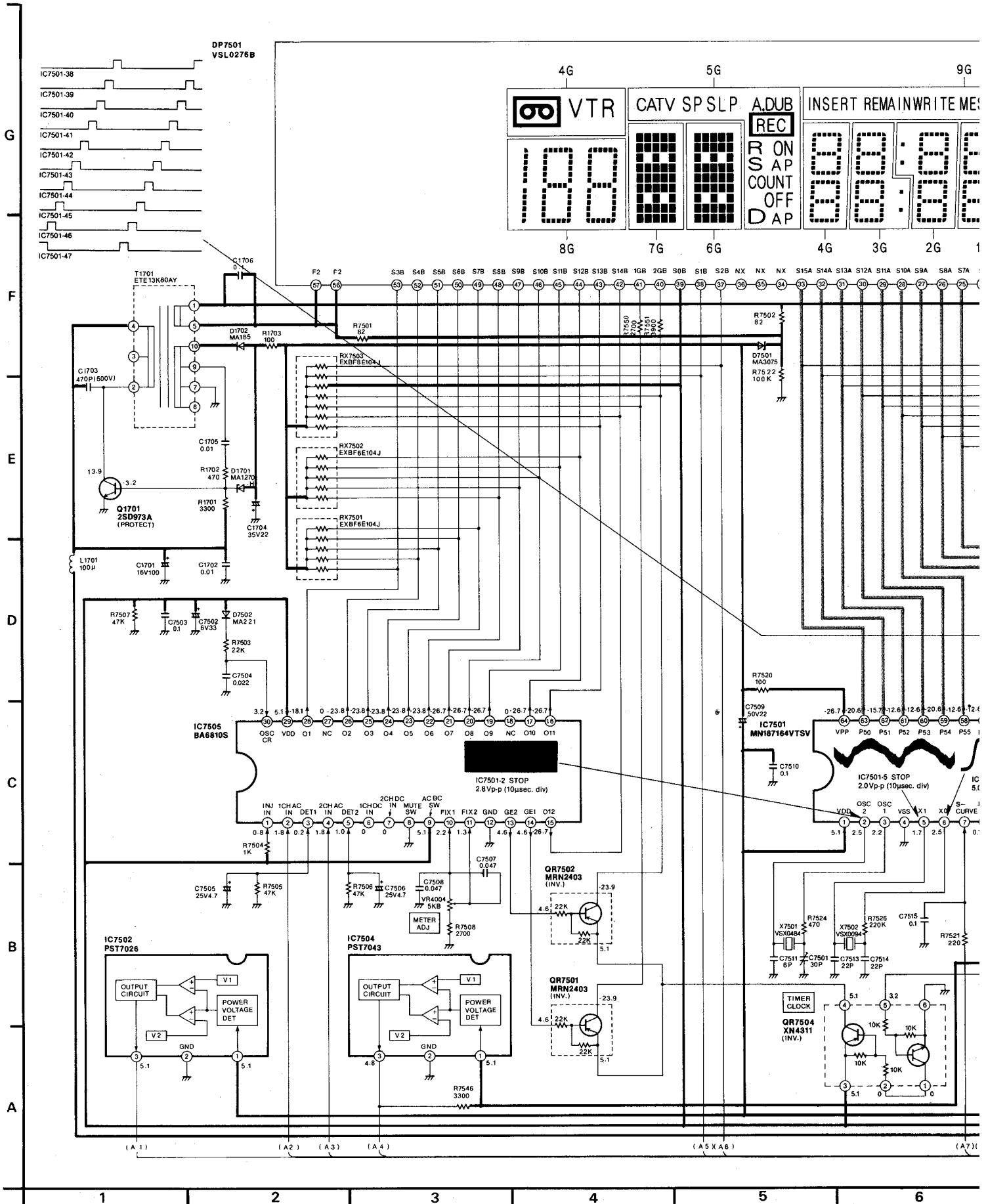
7

8

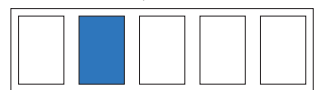
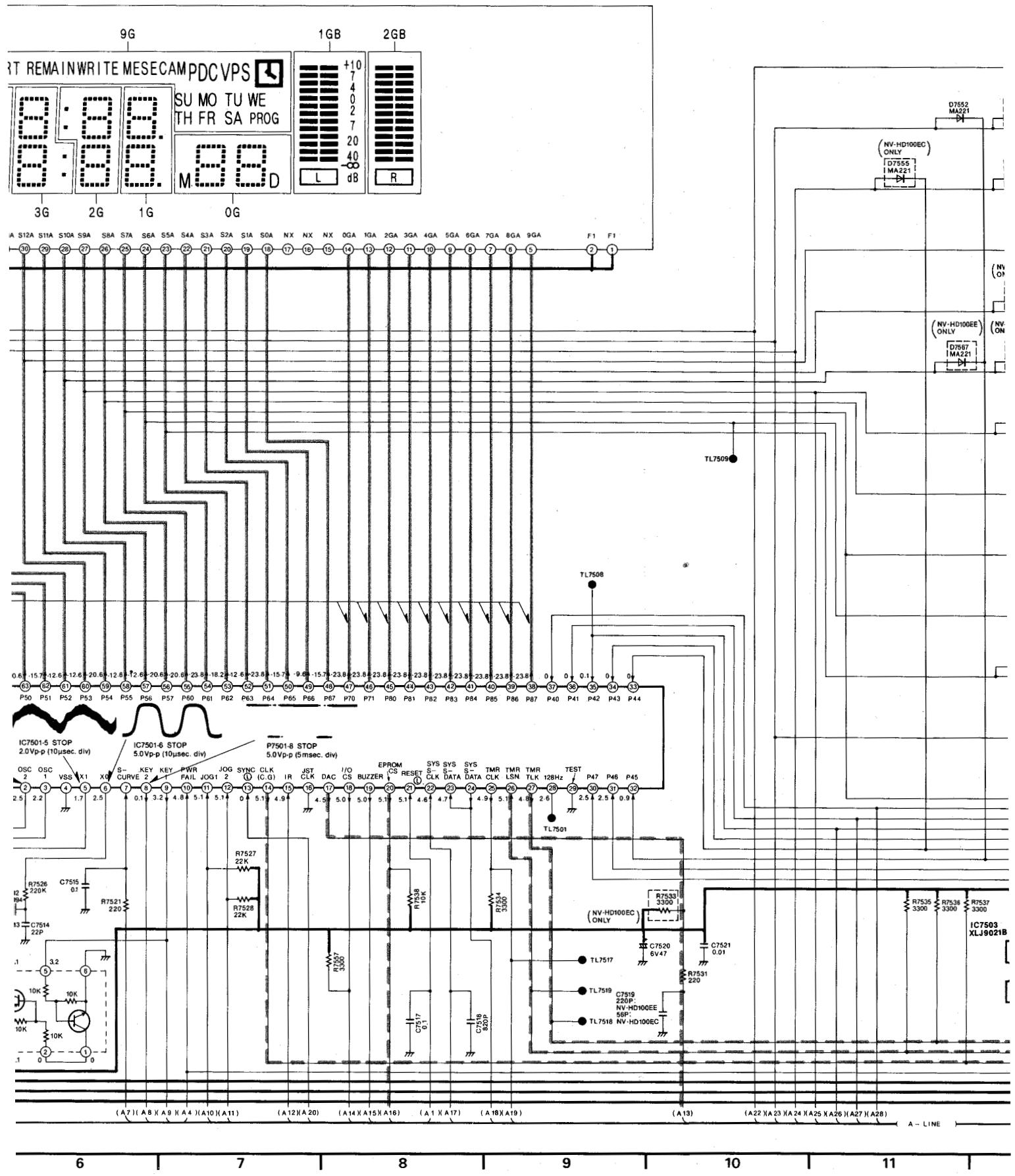
9

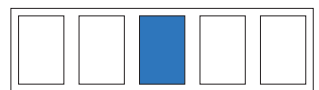
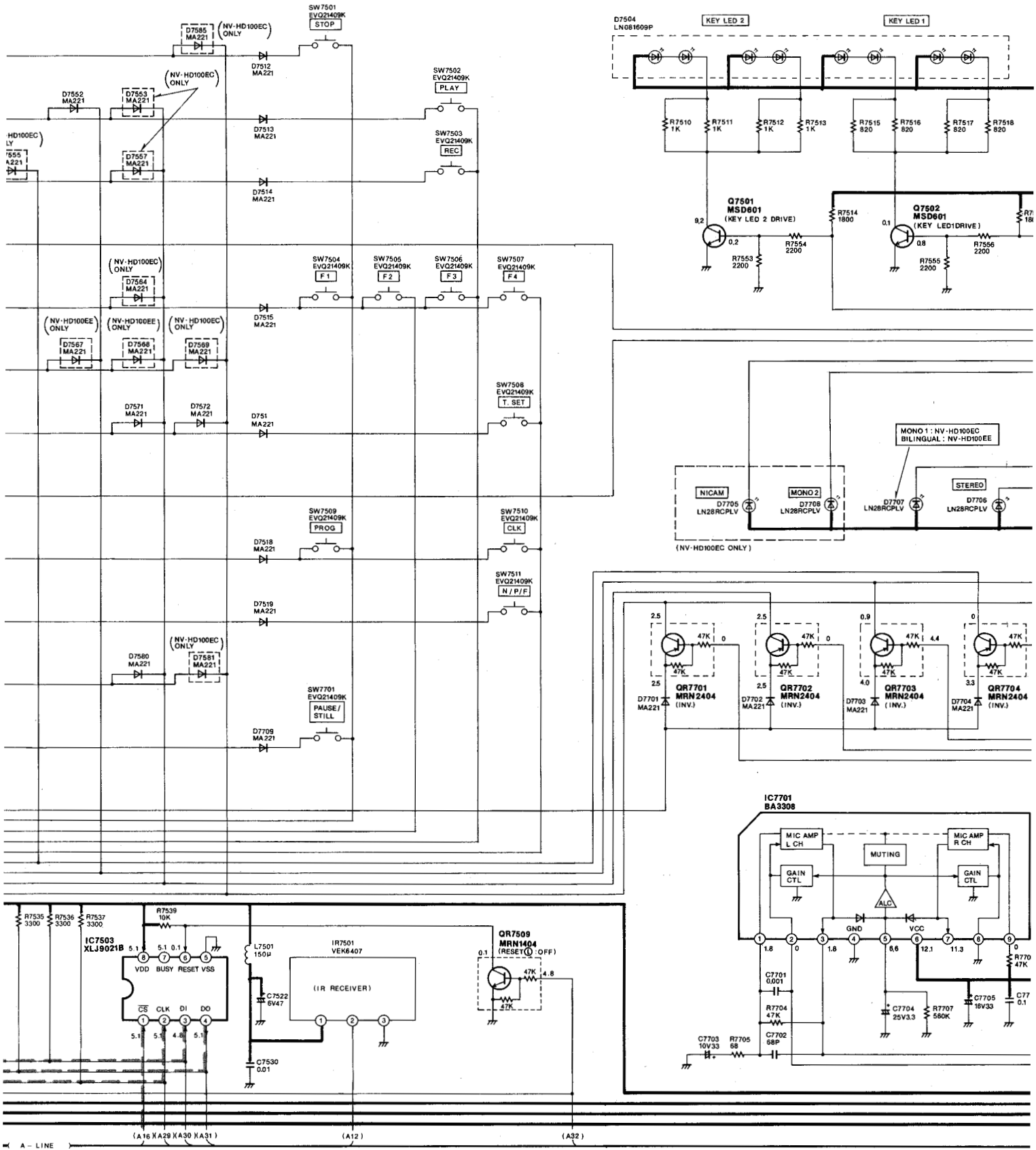


3-11. TIMER (VEP07703G: NV-HD100EC) (VEP07703N: NV-HD100EE) & OPERATI



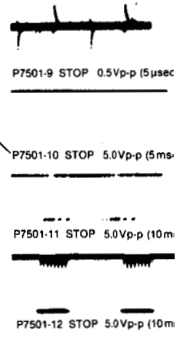
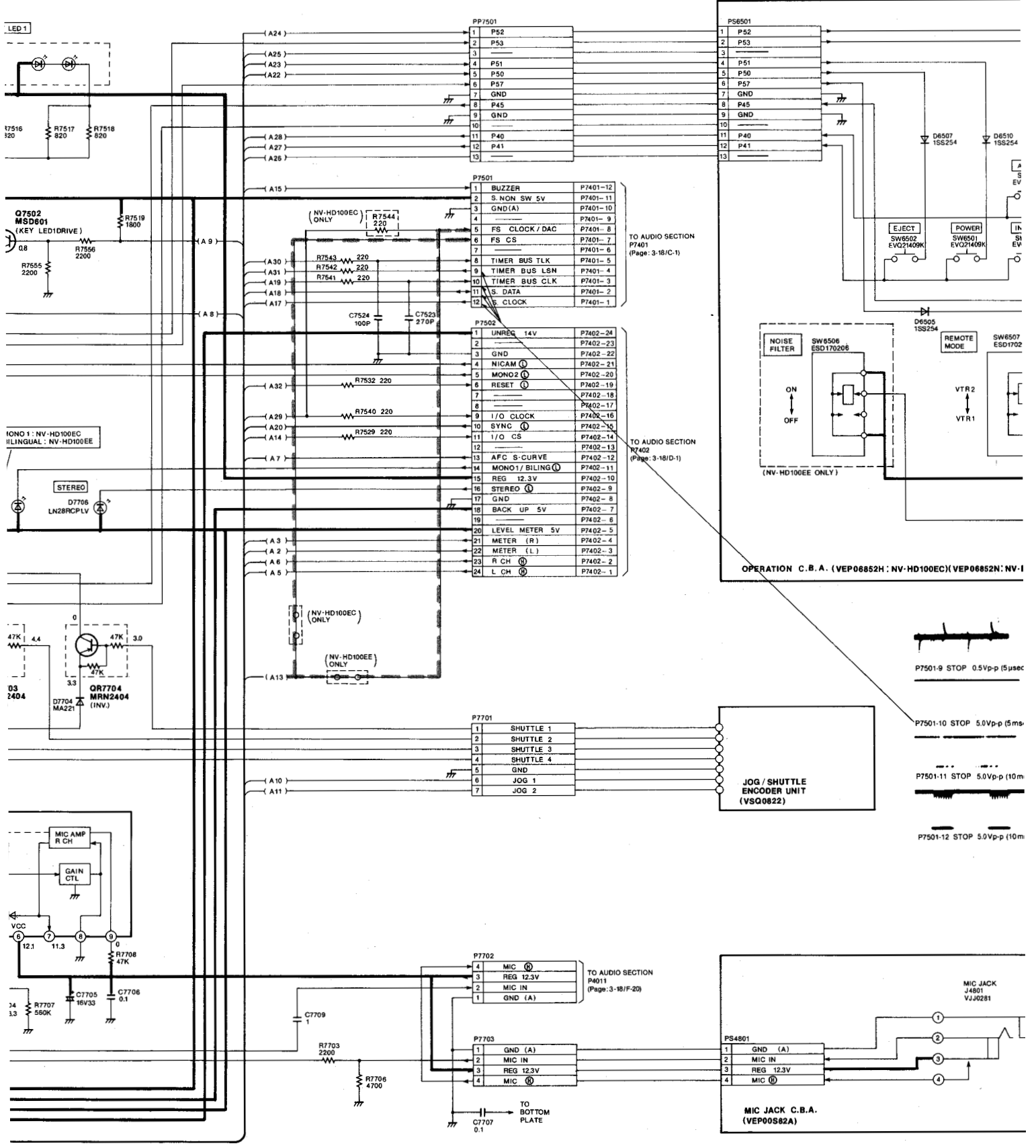
OPERATION (VEP06852H: NV-HD100EC) (VEP06852N: NV-HD100EE) SCHEMATIC





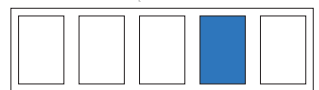
SEGMENT CONTROL SIGNAL

GRID CONTROL S



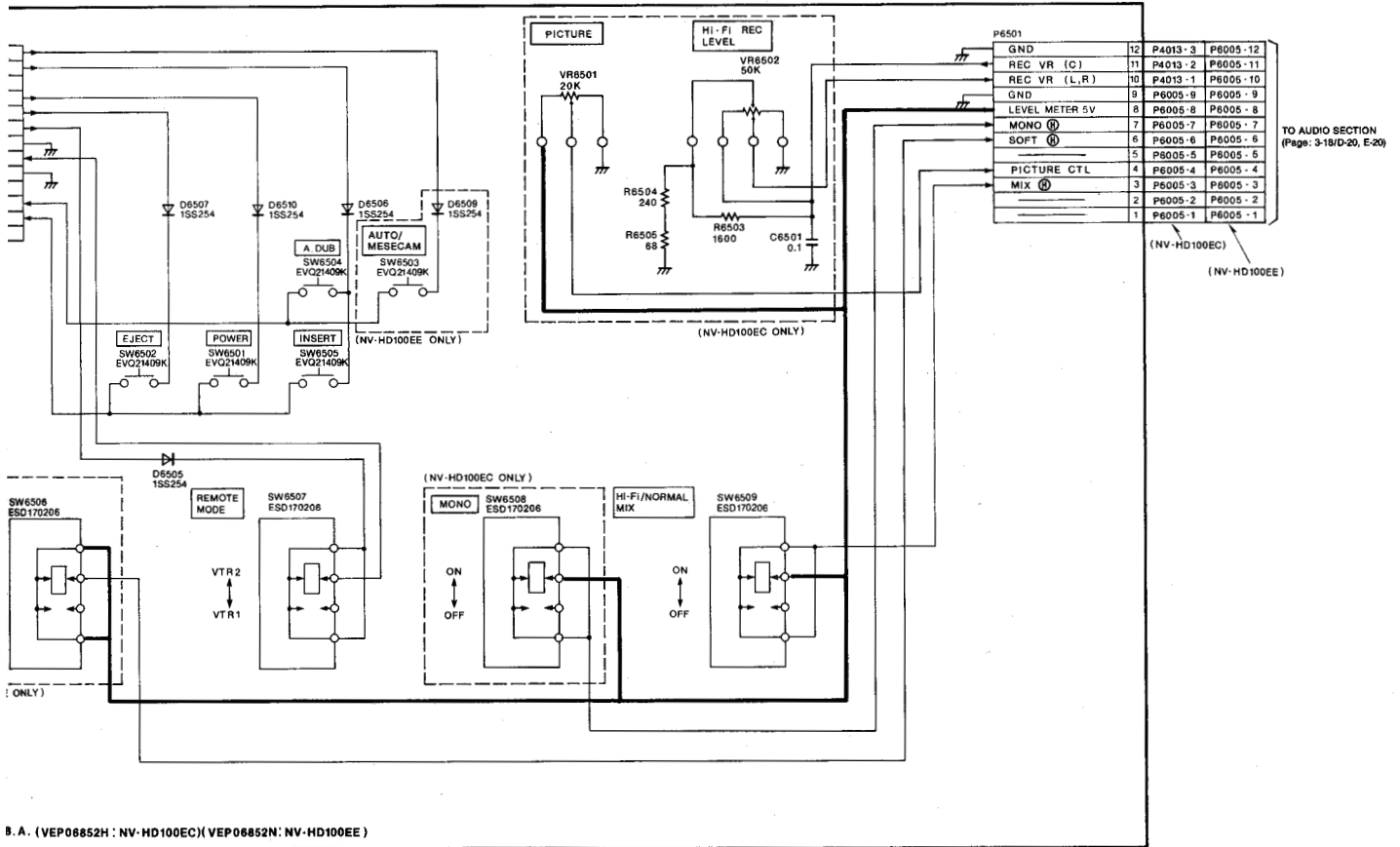
OPERATION C.B.A. (VEP06852H; NV-HD100EC) (VEP06852N; NV-I)

NOTE: THE MEASL

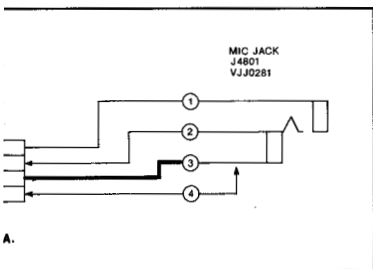
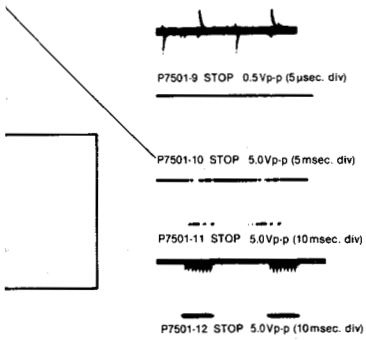


GRID CONTROL SIGNAL

TUNE CONTROL SIGNAL



B. A. (VEP06852H: NV-HD100EC)(VEP06852N: NV-HD100EE)

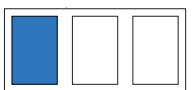
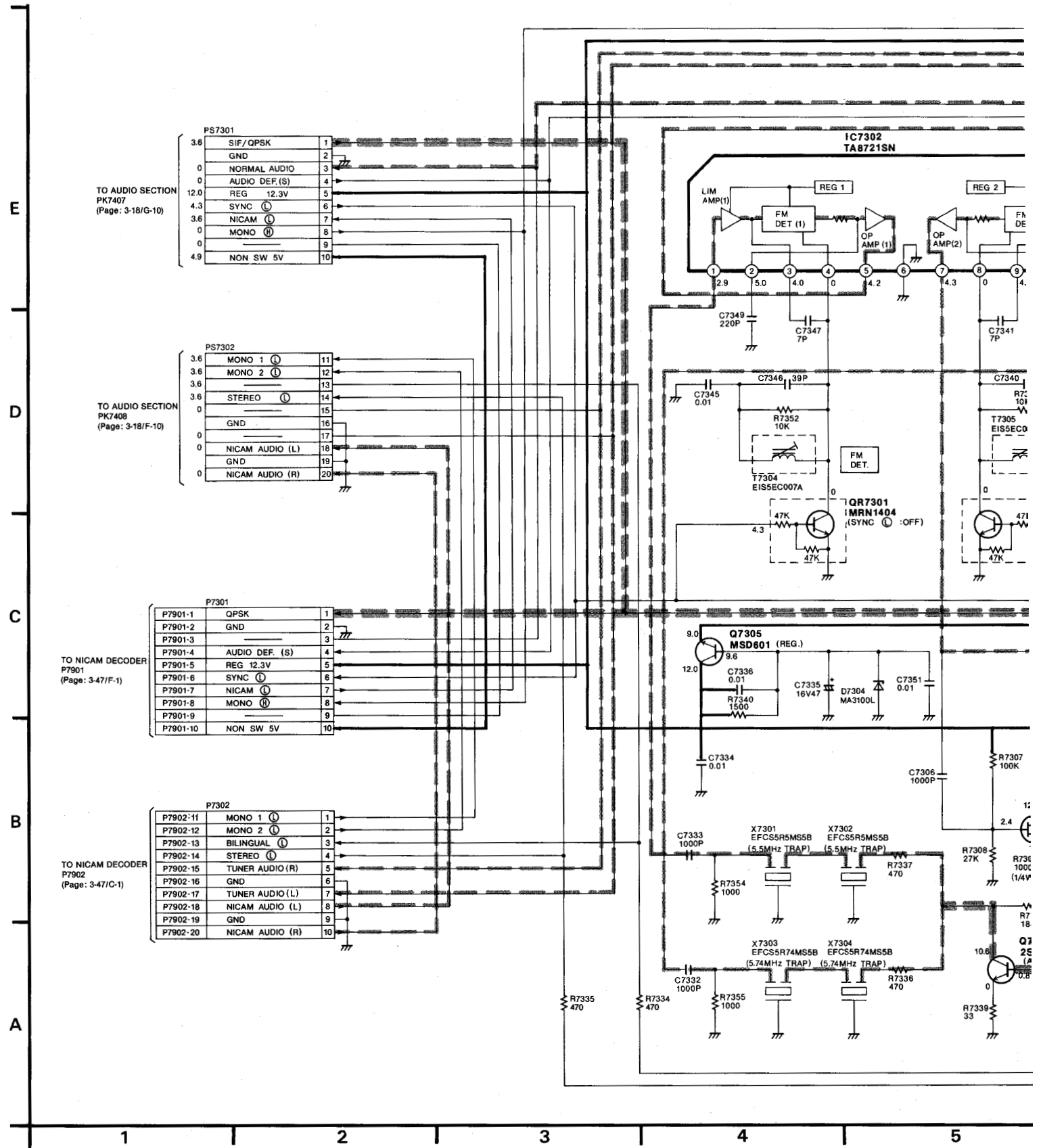


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

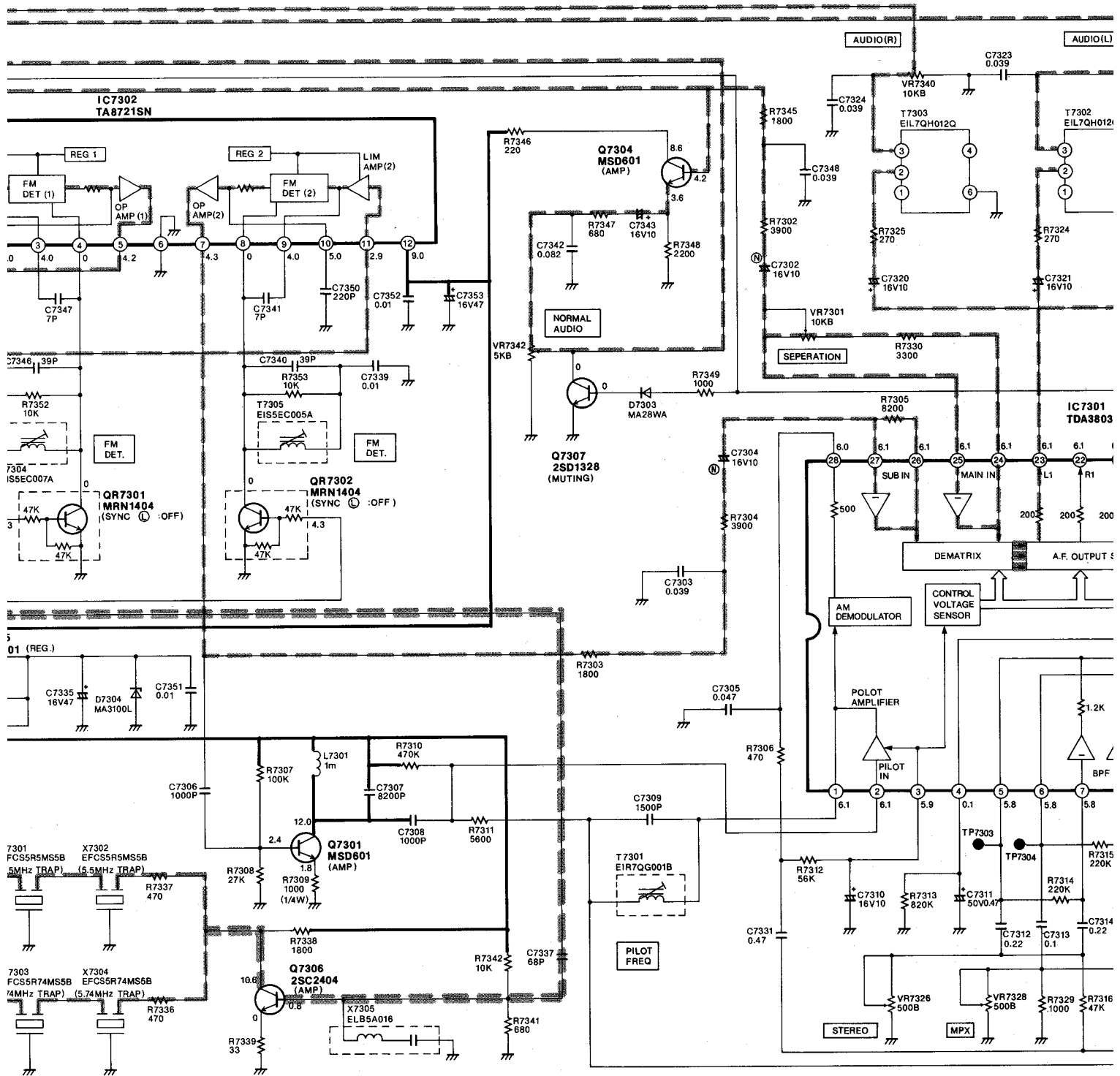
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.



3-12. DECODER PACK SCHEMATIC DIAGRAM (VEP07671B: NV-HD100EC) [Page 10 of 10]



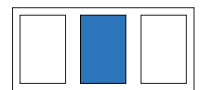
AUDIO MAIN SIGNAL PATH



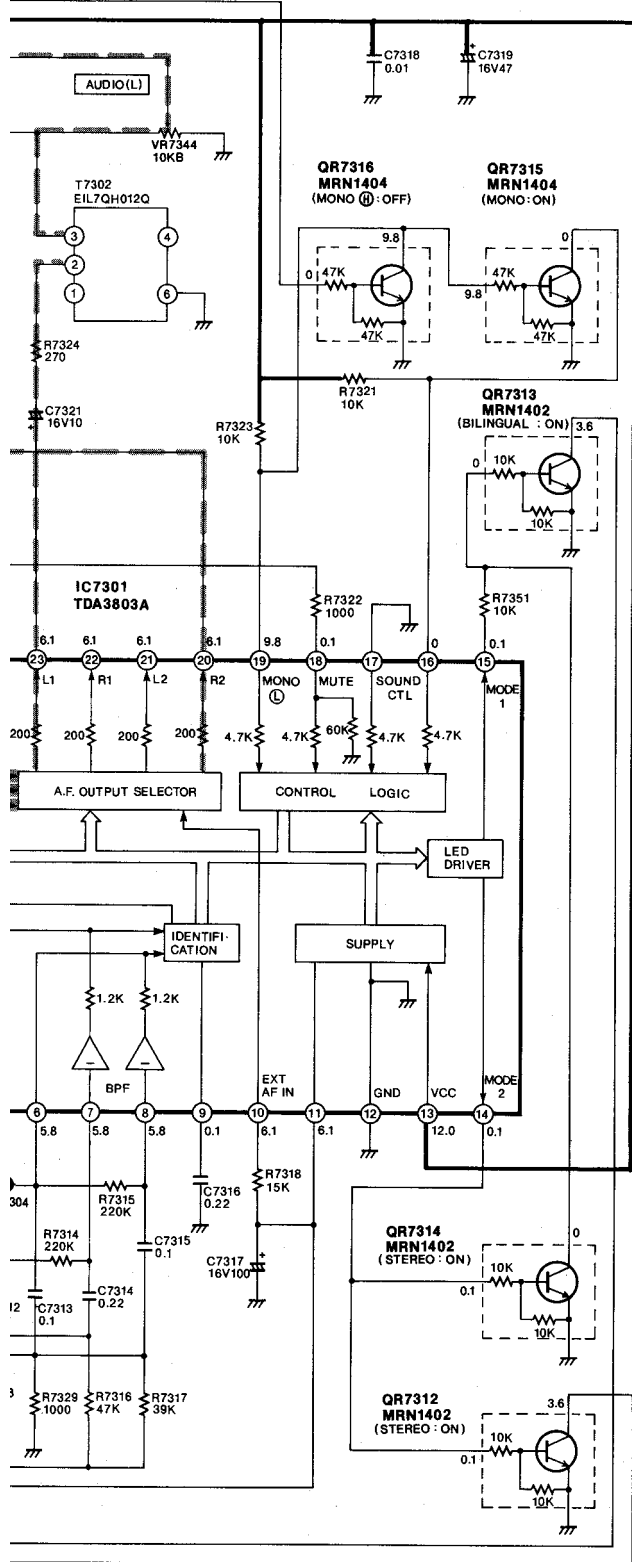
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOT

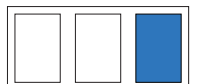
5 | 6 | 7 | 8 | 9



AUDIO SUB SIGNAL PATH

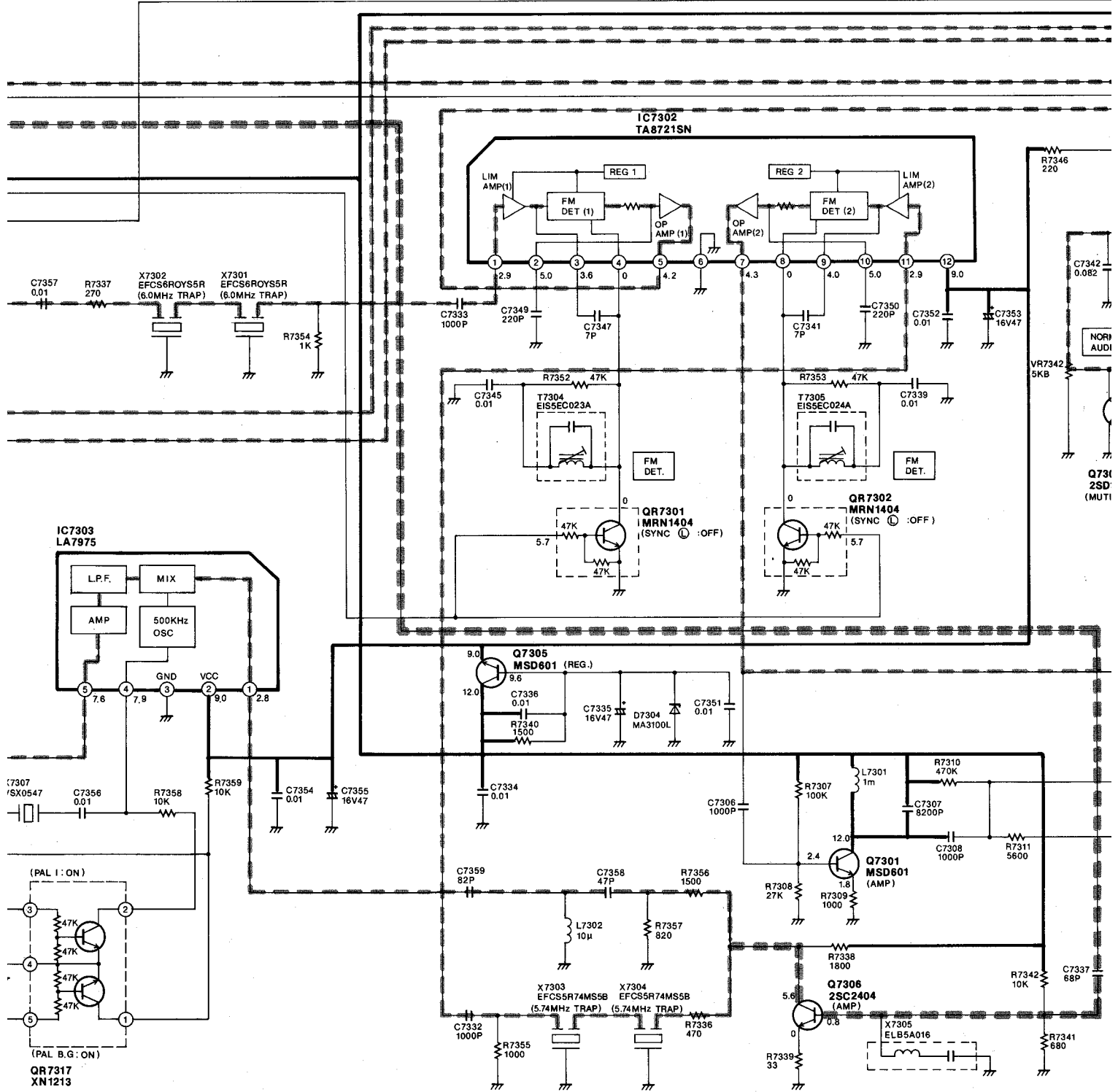


NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.



AUDIO MAIN SIGNAL PATH

AU



NOTE

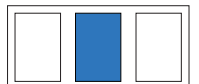
3

4

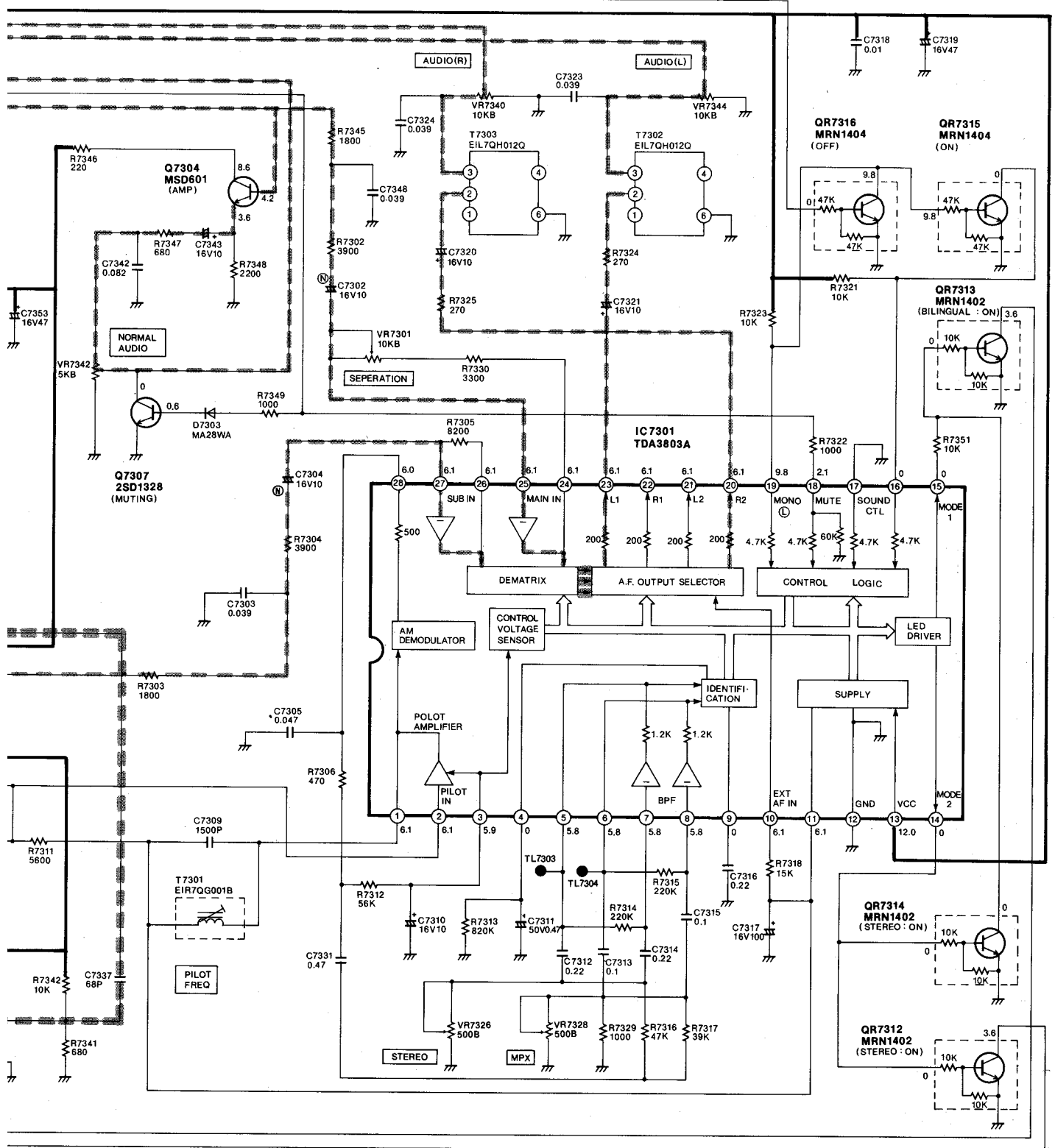
5

6

7

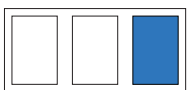


AUDIO SUB SIGNAL PATH

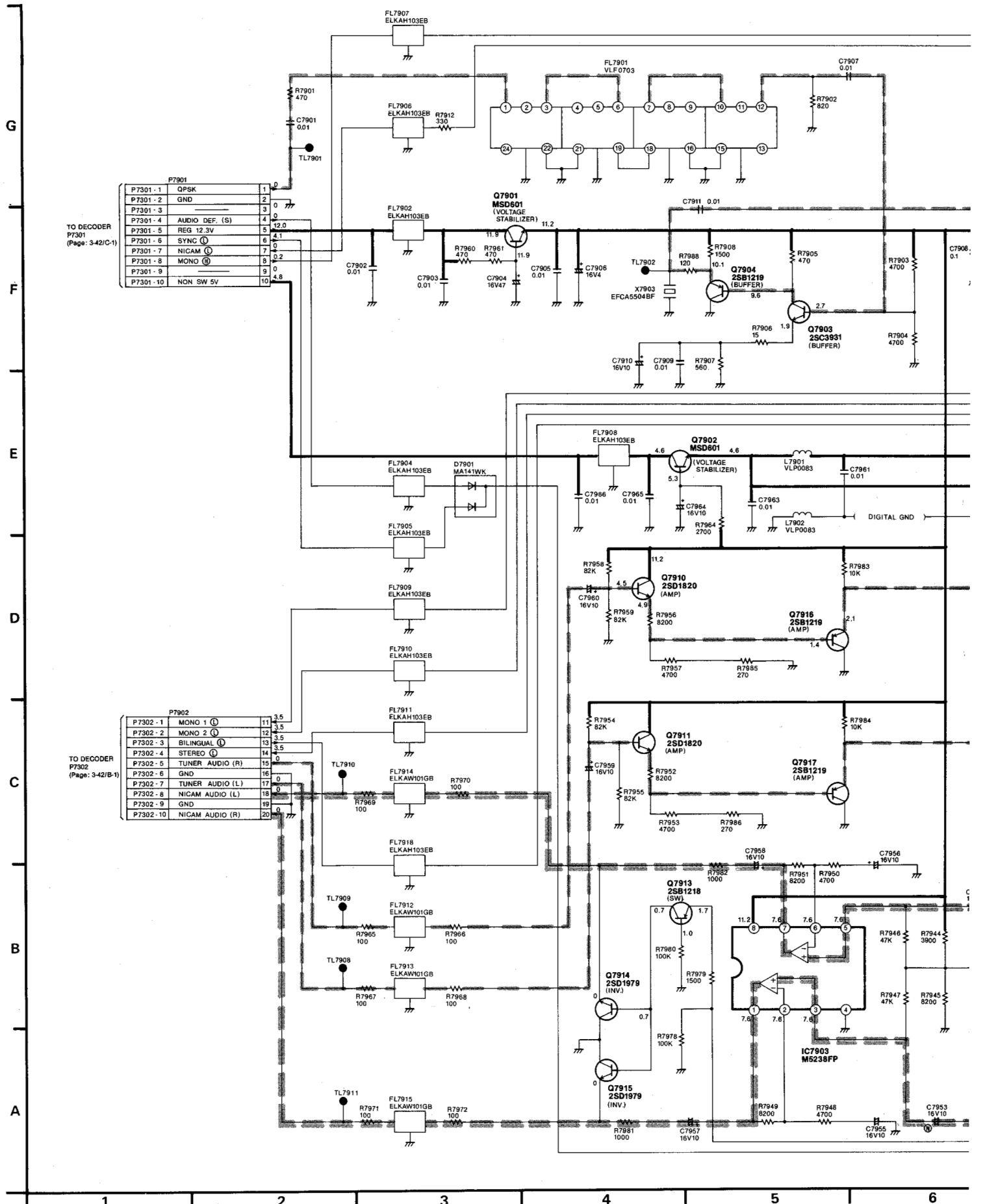


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

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



3-14. NICAM DECODER SCHEMATIC DIAGRAM (VEP07675C: NV-HD100EC) [P

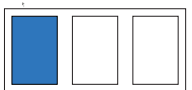


TO DECODER P7301 (Page: 3-42(C-1))

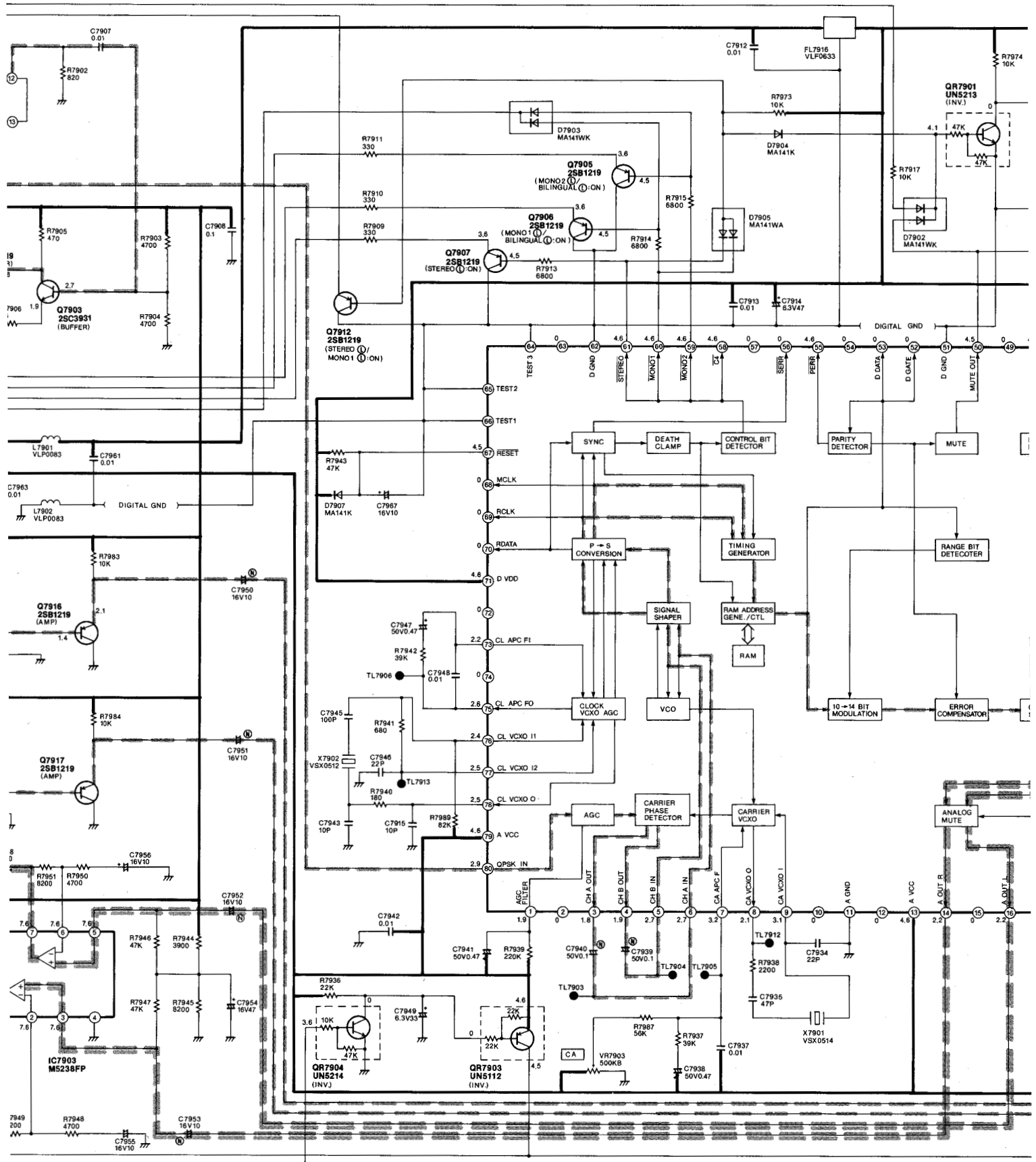
P7301 - 1	QPSK	1	0
P7301 - 2	GND	2	0
P7301 - 3		3	0
P7301 - 4	AUDIO DEF. (S)	4	0
P7301 - 5	REG 12.3V	5	12.0
P7301 - 6	SYNC (D)	6	4.1
P7301 - 7	NICAM (D)	7	0.2
P7301 - 8	MONO (D)	8	0
P7301 - 9		9	4.6
P7301 - 10	NON SW 5V	10	0

TO DECODER P7302 (Page: 3-42(B-1))

P7302 - 1	MONO 1 (D)	11	3.5
P7302 - 2	MONO 2 (D)	12	3.5
P7302 - 3	BILINGUAL (D)	13	3.5
P7302 - 4	STEREO (D)	14	3.5
P7302 - 5	TUNER AUDIO (R)	15	0
P7302 - 6	GND	16	0
P7302 - 7	TUNER AUDIO (L)	17	0
P7302 - 8	NICAM AUDIO (L)	18	0
P7302 - 9	GND	19	0
P7302 - 10	NICAM AUDIO (R)	20	0

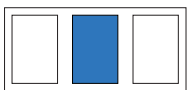


TUNER AUDIO SIGNAL PATH

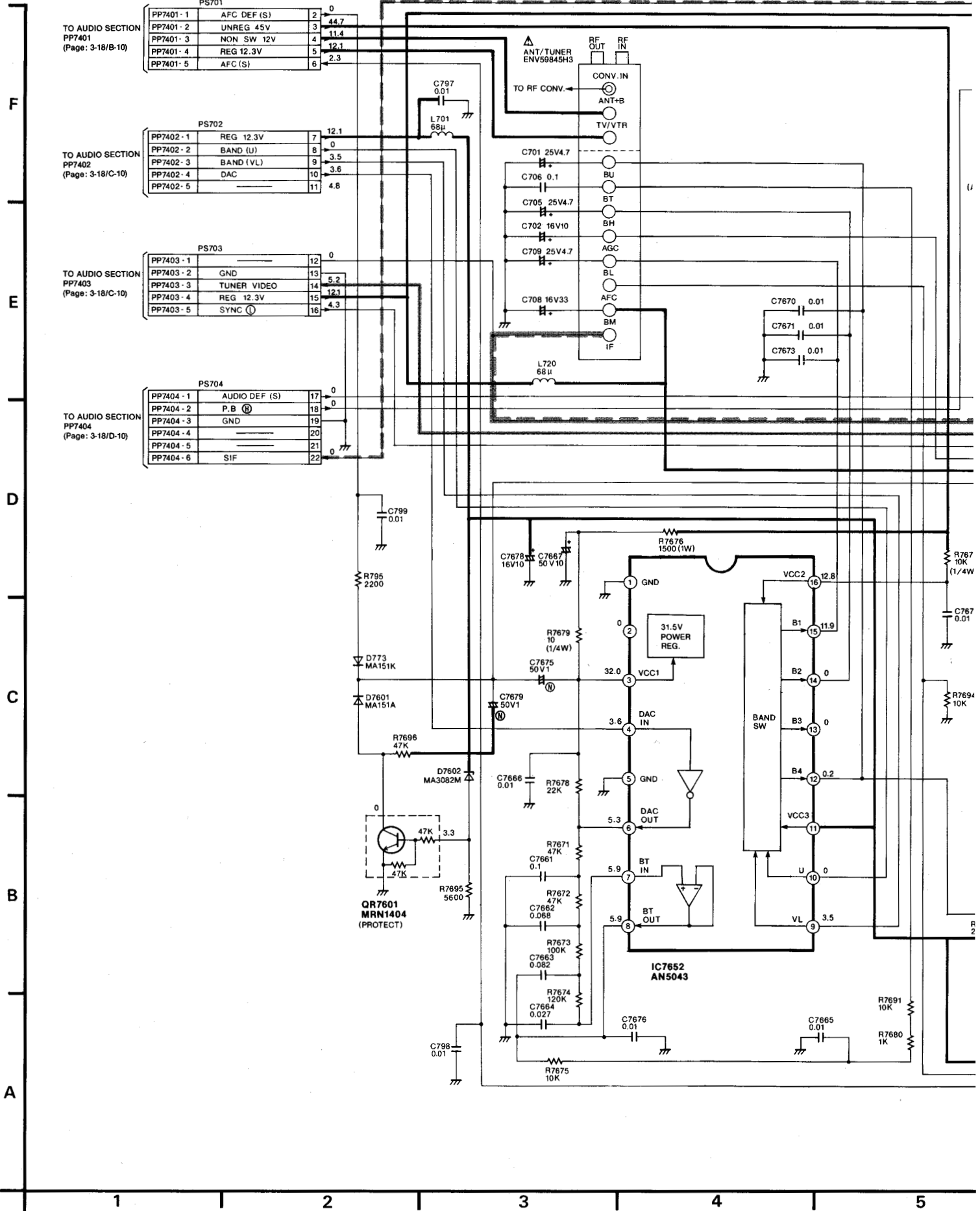


NOTE: THE

5 | 6 | 7 | 8 | 9 | 10



3-15. TV DEMODULATOR PACK SCHEMATIC DIAGRAM (VEP07645Y: NV-HD)



PS701

PP7401-1	AFC DEF (S)	2	0
PP7401-2	UNREG 45V	3	44.7
PP7401-3	NON SW 12V	4	11.4
PP7401-4	REG 12.3V	5	12.1
PP7401-5	AFC (S)	6	2.3

TO AUDIO SECTION
PP7401
(Page: 3-18/B-10)

PS702

PP7402-1	REG 12.3V	7	12.1
PP7402-2	BAND (U)	8	0
PP7402-3	BAND (VL)	9	3.5
PP7402-4	DAC	10	3.6
PP7402-5		11	4.8

TO AUDIO SECTION
PP7402
(Page: 3-18/C-10)

PS703

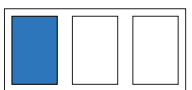
PP7403-1		12	0
PP7403-2	GND	13	5.2
PP7403-3	TUNER VIDEO	14	12.1
PP7403-4	REG 12.3V	15	12.1
PP7403-5	SYNC (I)	16	4.3

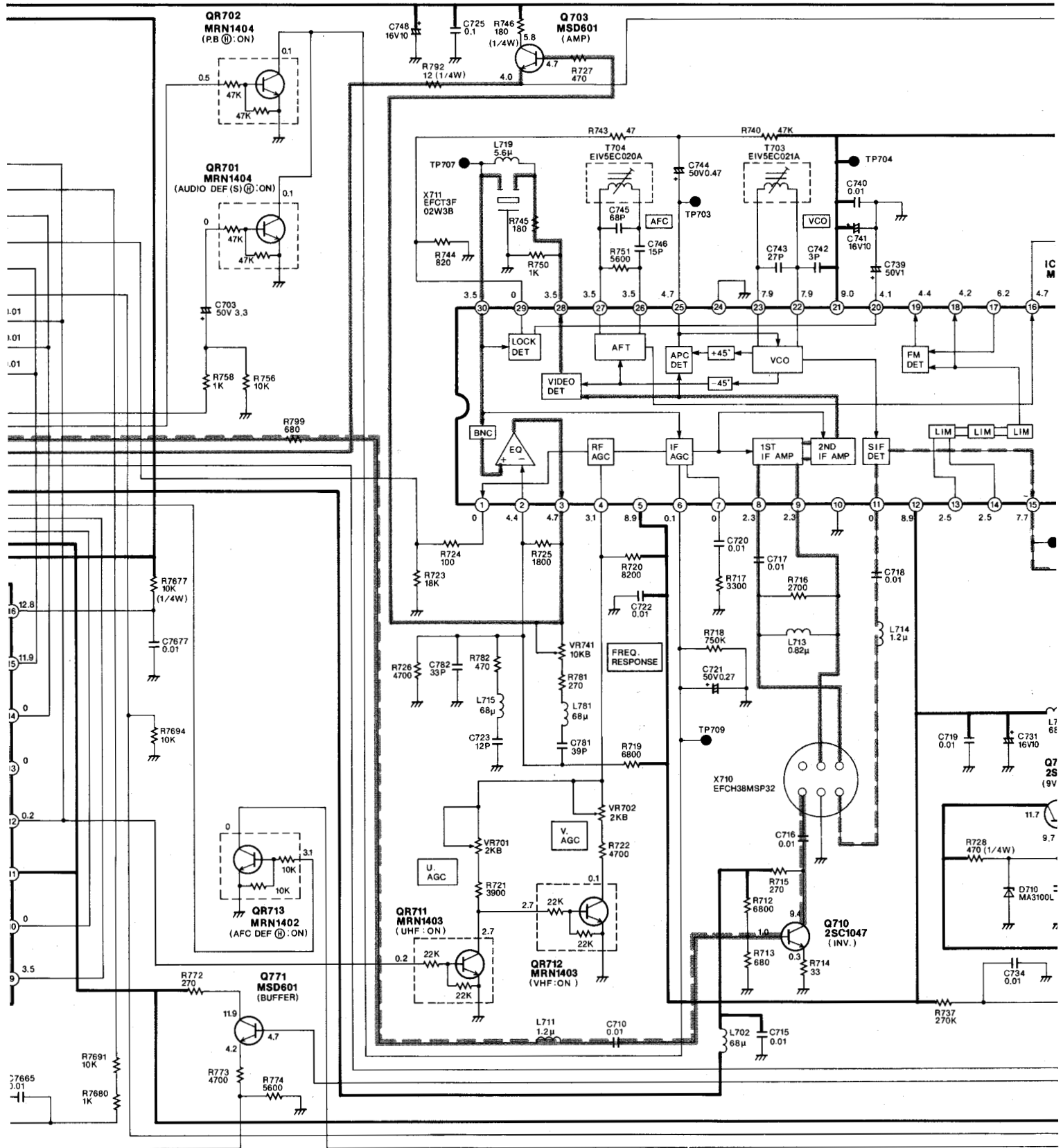
TO AUDIO SECTION
PP7403
(Page: 3-18/C-10)


PS704

PP7404-1	AUDIO DEF (S)	17	0
PP7404-2	P.B (I)	18	0
PP7404-3	GND	19	0
PP7404-4		20	0
PP7404-5		21	0
PP7404-6	SIF	22	0

TO AUDIO SECTION
PP7404
(Page: 3-18/D-10)





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

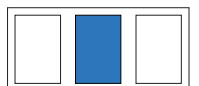
5

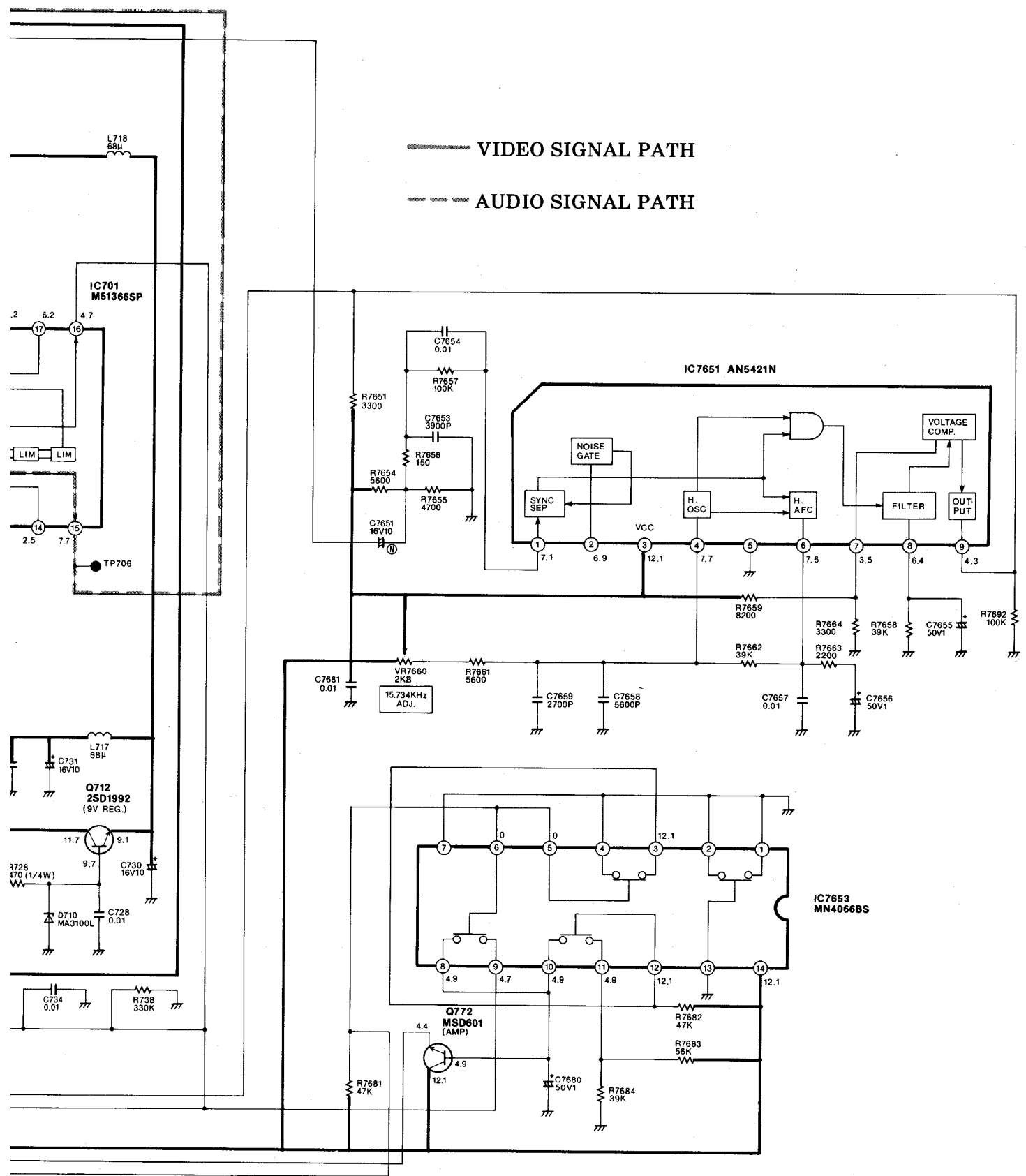
6

7

8

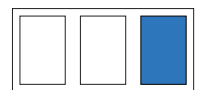
9



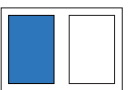
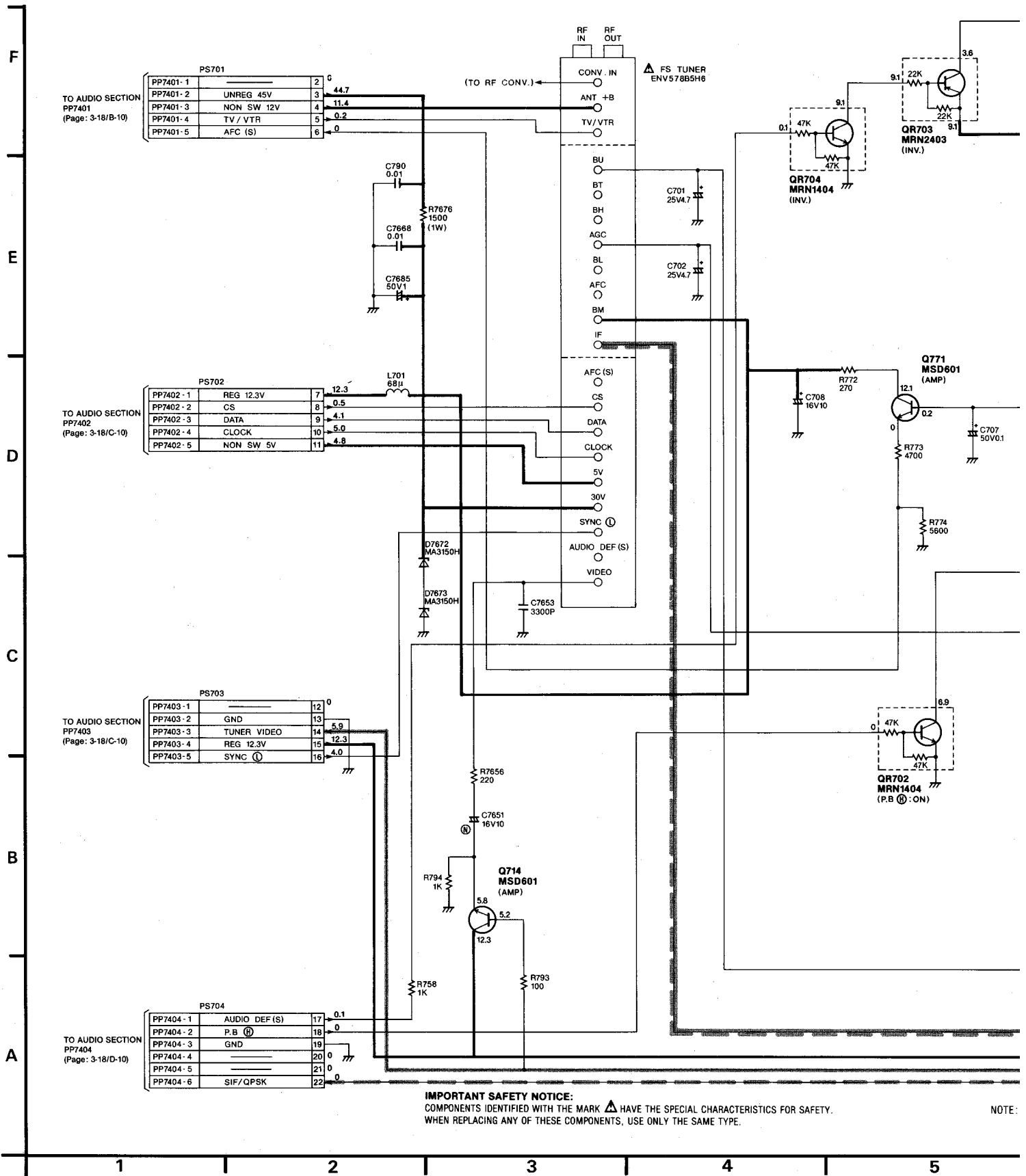


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

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

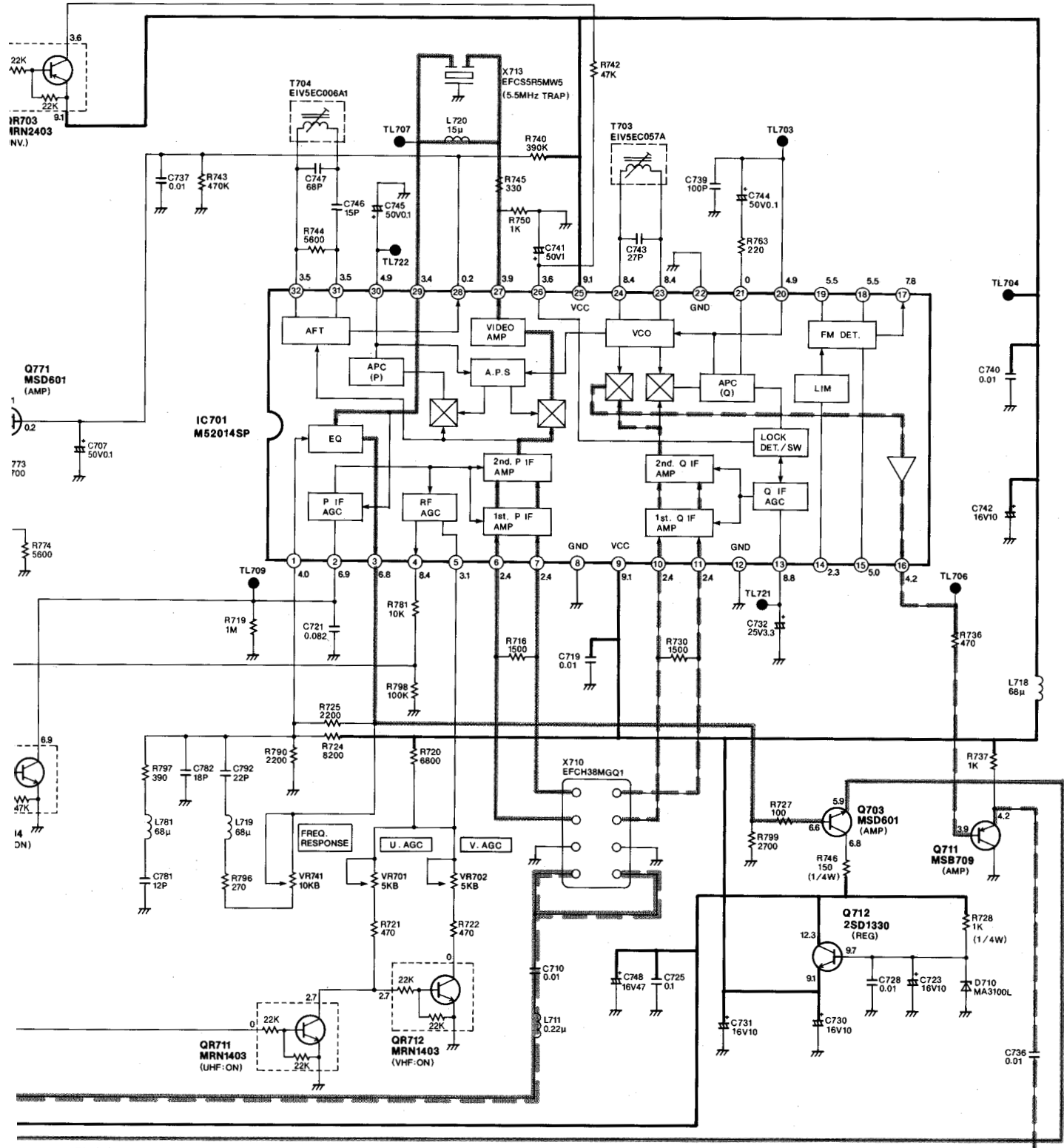


3-16. TV DEMODULATOR PACK SCHEMATIC DIAGRAM (VEP07684E: NV-HD1)



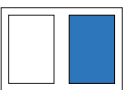
VIDEO SIGNAL PATH

AUDIO SIGNAL PATH



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

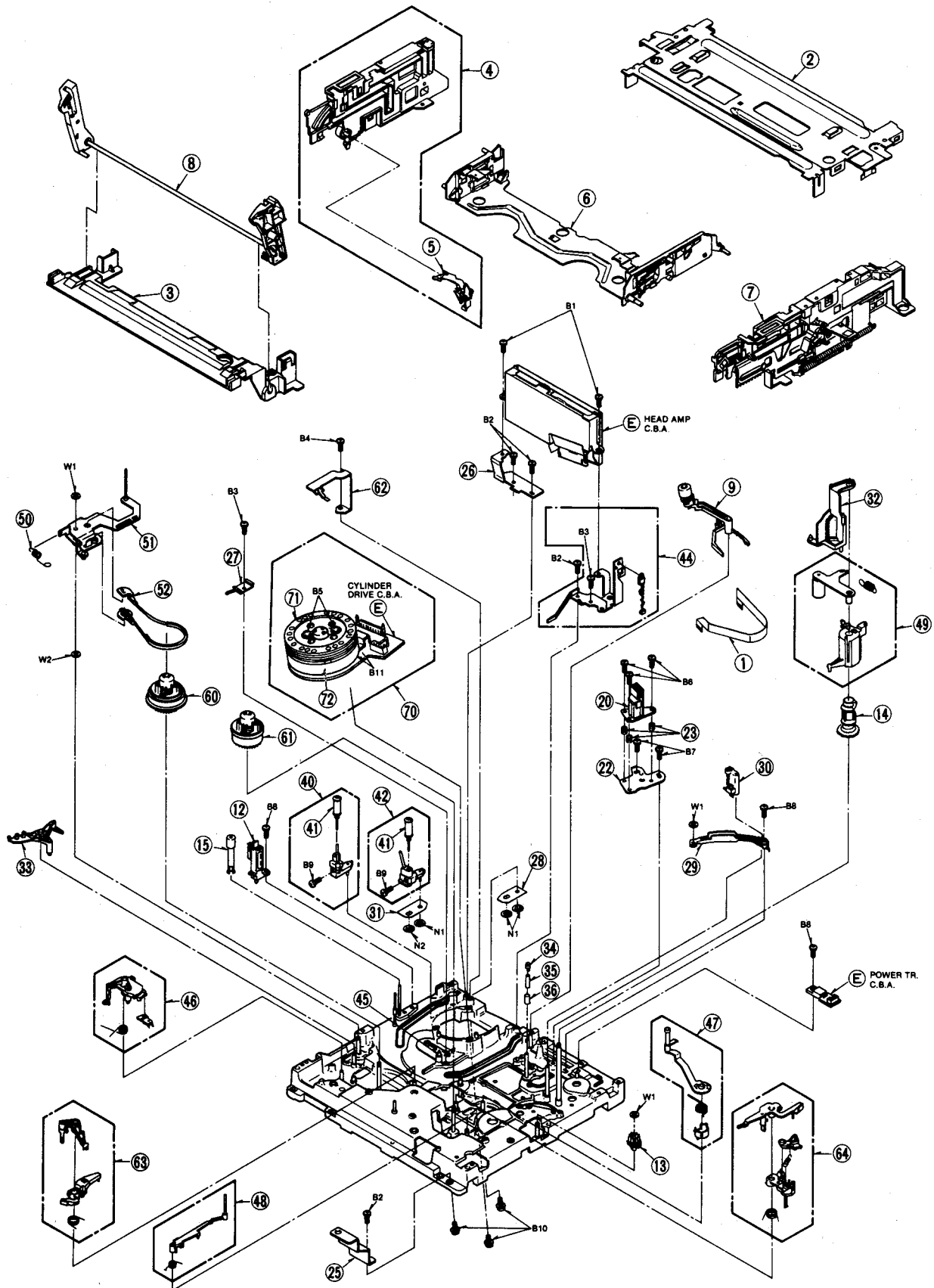
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.



SECTION 4 EXPLODED VIEWS & PARTS LIST

4.1. EXPLODED VIEW & MECHANICAL REPLACEMENT PARTS LIST

① CHASSIS PARTS SECTION (1)



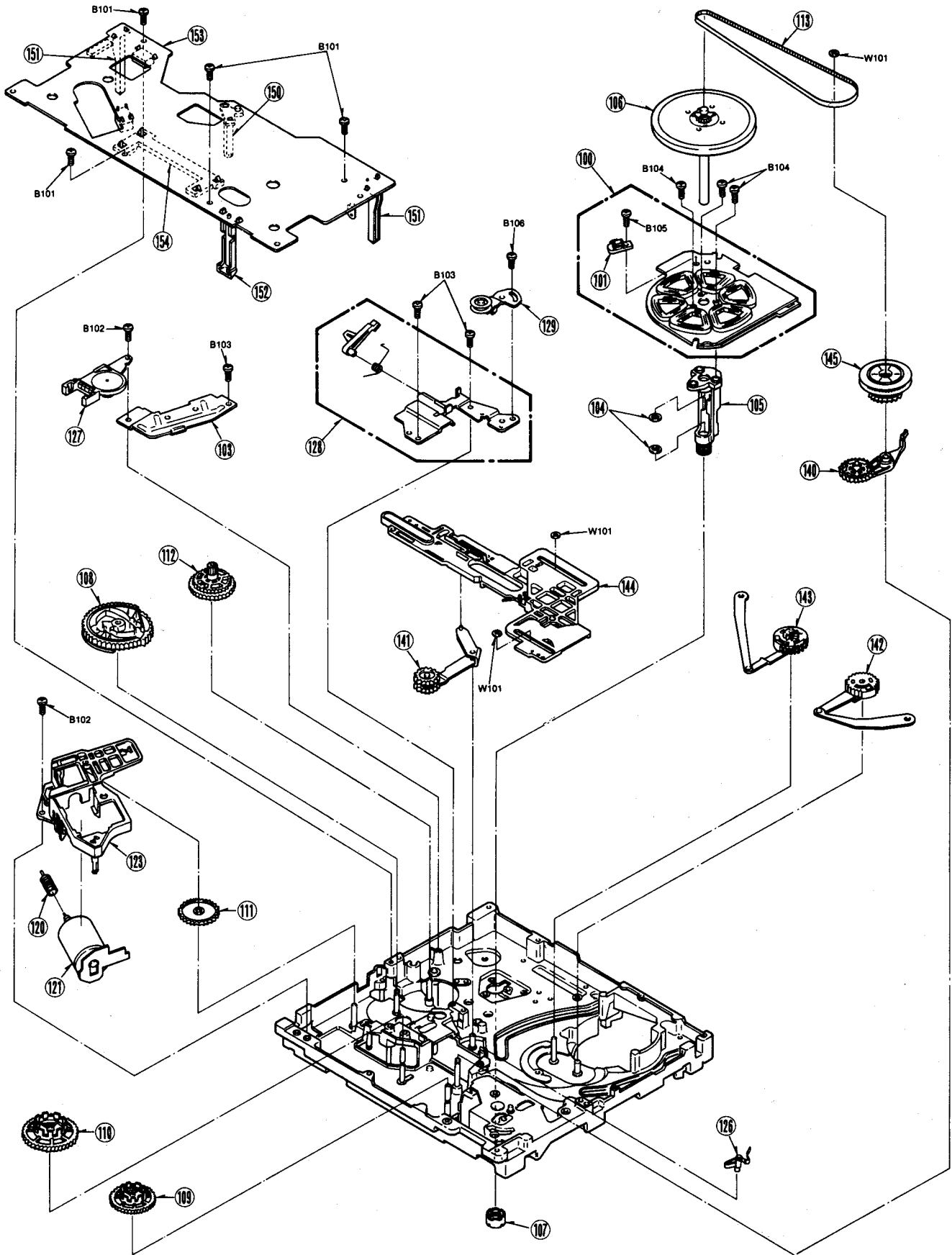
Note:1.* Be sure to make your orders of replacement parts according to this list.
 2. IMPORTANT SAFETY NOTICE
 Components identified with the mark (!) have the special characteristics for safety. When replacing any of these components, use only the same type.

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

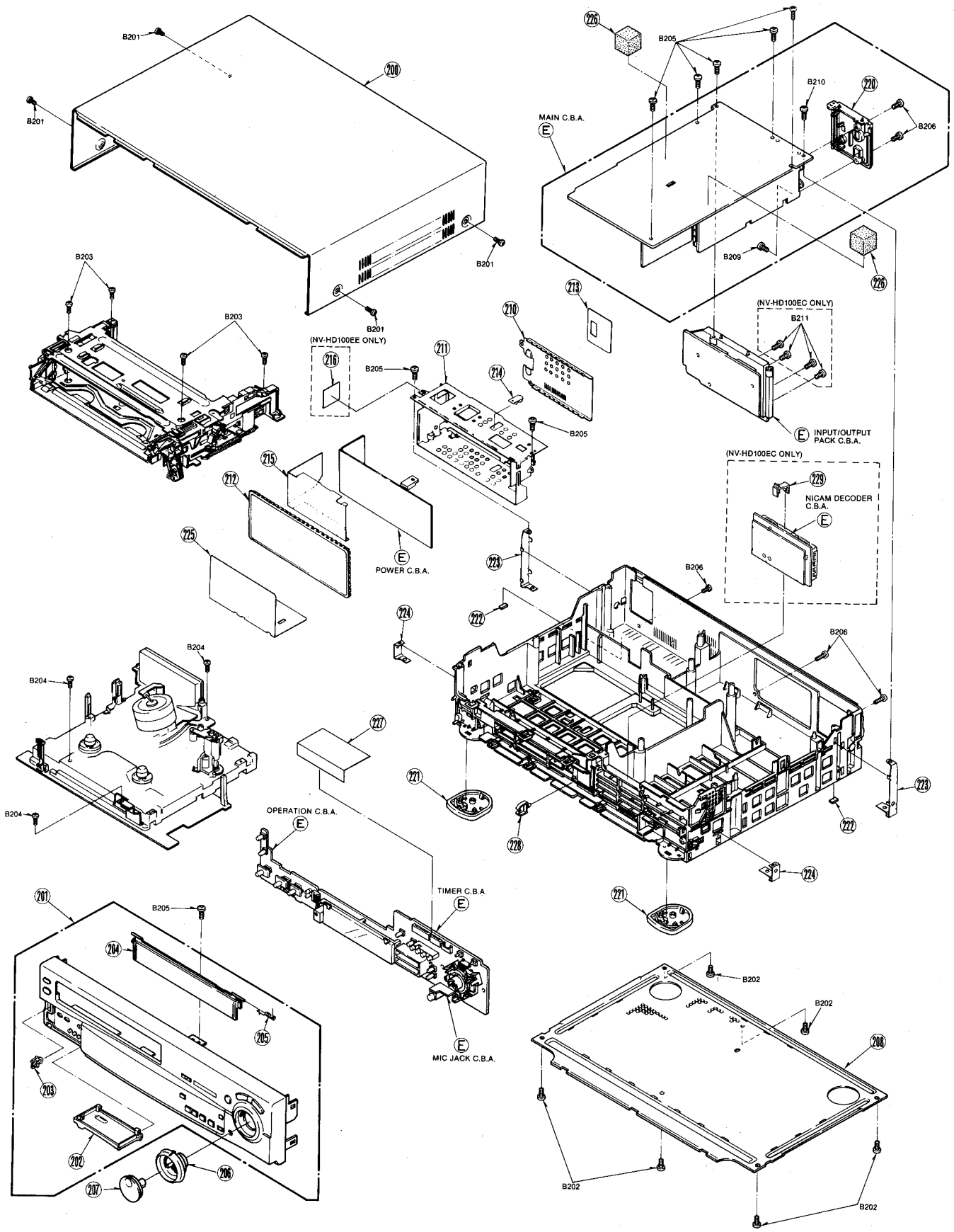
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1(1)	VWJ0653	FLEXIBLE CABLE (6P)	1	P4003-P1501
2(1)	VMA8644	TOP PLATE	1	
3(1)	VMA8787	CASSETTE GUIDE	1	
4(1)	VXA4660	SIDE PLATE (L) UNIT	1	
5(1)	VXL2250	OPENER LEVER UNIT	1	
6(1)	VXA4661	CASSETTE HOLDER PLATE UNIT	1	
7(1)	VXA4806	SIDE PLATE (R) UNIT	1	
8(1)	VXP1339	MAIN SHAFT UNIT	1	
9(1)	VXL2251	CLEANER ARM UNIT	1	
12(1)	VBS0050	FE HEAD	1	
13(1)	VDG0871	CARRIAGE CONNECTION GEAR	1	
14(1)	VDG0886	PINCH CAM GEAR	1	
15(1)	VXP1402	IMPEDANCE ROLLER UNIT	1	
20(1)	VEDO205	A/C HEAD (1) UNIT	1	
22(1)	VMA8624	A/C HEAD BASE	1	
23(1)	VMB2515	A/C HEAD SPRING	3	
25(1)	VMA8761	MOUNT ANGLE	1	
26(1)	VMA8763	HEAD AMP MOUNT ANGLE (L)	1	
27(1)	VMO0917	EARTH SPRING	1	
28(1)	VMA8874	INCLIND BASE HOLDER (S)	1	
29(1)	VMD2078	P5 STOPPER BASE	1	
30(1)	VXA4927	P5 POST STOPPER	1	
31(1)	VMA8873	INCLIND BASE HOLDER (T)	1	
32(1)	VMD2101	OPENER PIECE	1	
33(1)	VML2776	TENSION SPRING ARM	1	
34(1)	VWX1544	P4 UPPER LIMITER	1	
35(1)	VWX2175	P4 SLEEVE	1	
36(1)	VWX2176	P4 LOWER LIMITER	1	
40(1)	VXA4982KIT	INCLINED BASE (S) UNIT	1	
41(1)	VXP1415	ROLLER POST	2	
42(1)	VXA4984KIT	INCLINED BASE (T) UNIT	1	
44(1)	VXA4974	HEAD AMP MOUNT ANGLE (R) U.	1	NV-HD100EC
44(1)	VXA4869	HEAD AMP MOUNT ANGLE (R) U.	1	NV-HD100EE
45(1)	VMS5383	CASSETTE POSITION FIXTURE	1	
46(1)	VXL2310	REVIEW ARM UNIT	1	
47(1)	VXL2306	P5 ARM UNIT	1	
48(1)	VXL2243	TAKE UP TENSION REGULATOR ARM UNIT	1	
49(1)	VXL2246	PINCH ARM UNIT	1	
50(1)	VMB2434	TENSION SPRING	1	
51(1)	VXL2309	TENSION ARM (1) UNIT	1	
52(1)	VXZ0310	TENSION BAND UNIT	1	
60(1)	VXRO221	SUPPLY REEL TABLE UNIT	1	
61(1)	VXRO222	TAKE UP REEL TABLE UNIT	1	
62(1)	VXS0113	EARTH PLATE	1	
63(1)	VXZ0312	SUPPLY BRAKE ARM UNIT	1	
64(1)	VXZ0313	TAKE UP BRAKE ARM UNIT	1	
70(1)	VEG1027	CYLINDER UNIT	1	
71(1)	VEHO601	UPPER CYLINDER UNIT	1	
72(1)	VSC2188	CYLINDER SHIELD PLATE	1	
B1(1)	VHDO773	SCREW	2	
B2(1)	XTV26+6F	SCREW	4	
B3(1)	XTV26+4F	SCREW	2	
B4(1)	XTN3+6FFZ	SCREW	1	
B5(1)	VHDO553	SCREW	2	
B6(1)	VHDO762	SCREW	3	
B7(1)	XTV26+6FZ	SCREW	2	
B8(1)	XTV26+8F	SCREW	3	
B9(1)	VHDO760	SCREW	2	
B10(1)	VHDO342	SCREW	3	
B11(1)	XYNV0029	SCREW	2	
N1(1)	VHN0192	NUT	3	
N2(1)	VHN0193	NUT	1	
W1(1)	VWX2208	WASHER	3	
W2(1)	XWCV26D5G	WASHER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
100(2)	VEK5927	STATOR UNIT	1	
101(2)	VBK0061	FG HEAD	1	
103(2)	VMA8765	ROTOR STOPPER	1	
104(2)	VWX1927	OIL SEAL	2	
105(2)	VXD0140	HOUSING UNIT	1	
106(2)	VXP1350	ROTOR UNIT	1	
107(2)	VXQ0297	THRUST SCREW UNIT	1	
108(2)	VDG0913	MAIN CAM GEAR	1	
109(2)	VDG0861	SUPPLY REEL GEAR	1	
110(2)	VDG0862	TAKE UP REEL GEAR	1	
111(2)	VDG0868	WORM WHEEL GEAR	1	
112(2)	VDG0885	SUB CAM GEAR	1	
113(2)	VDV0235	TIMING BELT	1	
120(2)	VDG0866	WORM GEAR	1	
121(2)	VEND0427	LOADING MOTOR (1) UNIT	1	
123(2)	VMD1942	MOTOR BRACKET	1	
126(2)	VML2725	IDLER CONTROL LEVER	1	
127(2)	VSS0365	MODE SW	1	
128(2)	VXA4797	SS BRAKE BASE UNIT	1	
129(2)	VXA4799	TENSION ROLLER UNIT	1	
140(2)	VXL2229	IDLER ARM UNIT	1	
141(2)	VXL2230	DIRECT LEVER UNIT	1	
142(2)	VXL2299	SUPPLY LOADING ARM UNIT	1	
143(2)	VXL2300	TAKE UP LOADING ARM UNIT	1	
144(2)	VXL2307	MAIN LEVER UNIT	1	
145(2)	VXP1409	CENTRE CLUTCH	1	
150(2)	VMD1926	LED HOLDER	1	
151(2)	VMD1927	PHOTO TRANSISTOR HOLDER	2	
152(2)	VES0695	SAFETY TAB SW	1	
153(2)	VJBOOS63	MECHANISM CONNECTION C.B.	1	ELECTRICAL PARTS ON THE C.B.A. IS LISTED ON ELECTRICAL PARTS LIST.
154(2)	VMD2029	REEL SHAFT GUIDE	1	
B101(2)	VHDO772	SCREW	4	
B102(2)	XTV26+8F	SCREW	2	
B103(2)	XTV26+6F	SCREW	3	
B104(2)	VHDO753	SCREW	3	
B105(2)	VHDO754	SCREW	1	
B106(2)	XSB26+4FZ	SCREW	1	
W101(2)	VWX2208	WASHER	3	

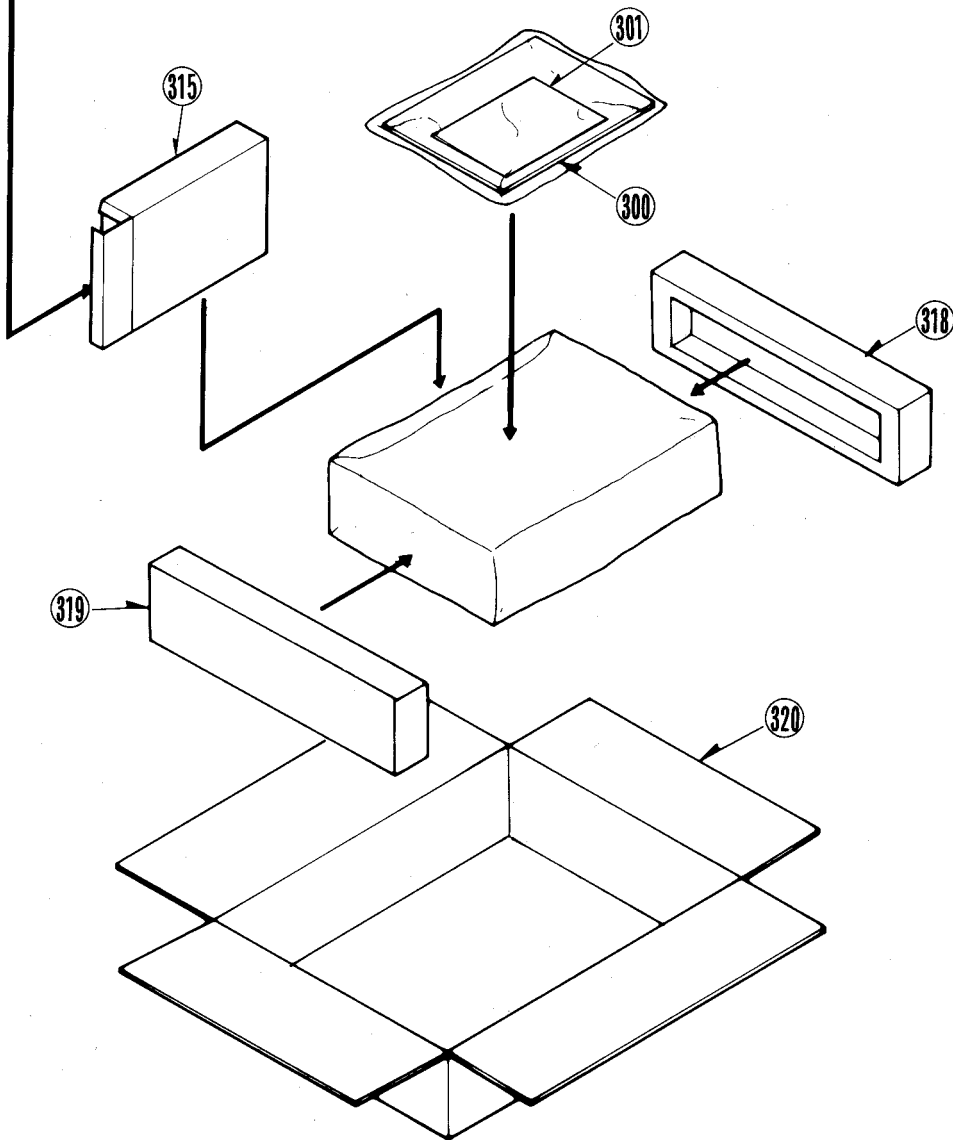
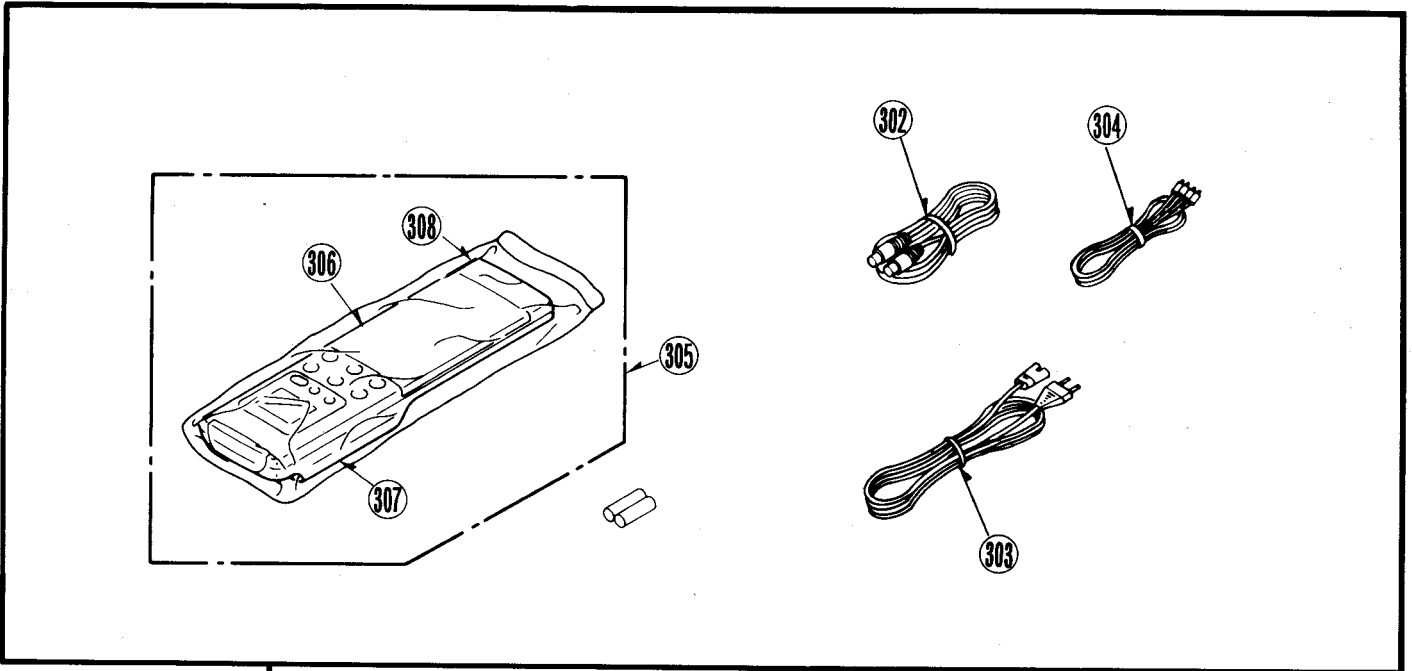
2 CHASSIS PARTS SECTION (2)



3 CASING PARTS SECTION



4 PACKING PARTS SECTION



4-2. ELECTRICAL REPLACEMENT PARTS LIST

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

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEPO3977K	MAIN C.B.A.	1	(RTL)NV-HD10OEC INCLUDING THE TV DEMODULATOR PACK C.B.A.(VEPO7684E), LUMINANCE & CHROMINANCE PACK C.B.A.(VEPO3975J), HI-FI AUDIO PACK C.B.A.(VEPO441OR), DECODER PACK C.B.A. (VEPO7671F).
	VEPO7684E	TV DEMODULATOR PACK C.B.A.	1	(RTL)NV-HD10OEC INCLUDED IN MAIN C.B.A.(VEPO3977K).
	VEPO3975J	LUMINANCE & CHROMINANCE PACK C.B.A.	1	(RTL)NV-HD10OEC INCLUDED IN MAIN C.B.A.(VEPO3977K).
	VEPO441OR	HI-FI AUDIO PACK C.B.A.	1	(RTL) INCLUDED IN MAIN C.B.A.(VEPO3977K).
	VEPO7671F	DECODER C.B.A.	1	(RTL) INCLUDED IN MAIN C.B.A.(VEPO3977K).
	VEPO3977Q	MAIN C.B.A.	1	(RTL)NV-HD10OEE INCLUDING THE TV DEMODULATOR PACK C.B.A.(VEPO7645Y), LUMINANCE & CHROMINANCE PACK C.B.A.(VEPO3975F), HI-FI AUDIO PACK C.B.A.(VEPO441OL), DECODER PACK C.B.A. (VEPO7743A).
	VEPO7645Y	TV DEMODULATOR PACK C.B.A.	1	(RTL)NV-HD10OEE INCLUDED IN MAIN C.B.A.(VEPO3977Q).
	VEPO3975F	LUMINANCE & CHROMINANCE PACK C.B.A.	1	(RTL)NV-HD10OEE INCLUDED IN MAIN C.B.A.(VEPO3977Q).
	VEPO3A02A	DDR C.B.A.	1	(RTL) INCLUDED IN LUMI. & CHRO. C.B.A. (VEPO3975F)
	VEPO441OL	HI-FI AUDIO PACK C.B.A.	1	(RTL) (RTL)INCLUDED IN MAIN C.B.A.(VEPO3977Q)
	VEPO7743A	DECODER PACK C.B.A.	1	(RTL)NV-HD10OEE INCLUDED IN MAIN C.B.A.(VEPO3977Q)
	VEPO7675C	NICAM DECODER C.B.A.	1	(RTL)NV-HD10OEC
	VEPO3986B	INPUT/OUTPUT PACK C.B.A.	1	(RTL)NV-HD10OEC
	VEPO3978B	INPUT/OUTPUT PACK C.B.A.	1	(RTL)NV-HD10OEE
	VEG1027	CYLINDER DRIVE C.B.A.	1	(RTL)
	VEPO1487K	POWER C.B.A.	1	(RTL)NV-HD10OEC
	VEPO1487L	POWER C.B.A.	1	(RTL)NV-HD10OEE
	VEPO5176C	HEAD AMP C.B.A.	1	(RTL)
	VEPO7703G	TIMER C.B.A.	1	(RTL)NV-HD10OEC INCLUDING THE MIC C.B.A.(VEPO0S82A)
	VEPO7703N	TIMER C.B.A.	1	(RTL)NV-HD10OEE INCLUDING THE MIC C.B.A.(VEPO0S82A).
	VEPO0S82A	MIC C.B.A.	1	(RTL) INCLUDED IN TIMER C.B.A.(VEPO7703G,N)
	VEPO6852H	OPERATION C.B.A.	1	(RTL)NV-HD10OEC
	VEPO6852N	OPERATION C.B.A.	1	(RTL)NV-HD10OEE
	-----	MECHANISM CONNECTION C.B.A.	1	(RTL) NOT SUPPLIED AS C.B.A.(C.B. IS LISTED ON MECHANICAL PARTS LIST)
	VEPO0T02A	FE HEAD C.B.A.	1	(RTL)
	-----	MOTOR C.B.A.	1	(RTL)
	VEPO0S86A	POWER TRANSISTOR C.B.A.	1	(RTL)
	ENC17984	RF CONVERTER	1	(†)NV-HD10OEC
	ENC17991A	RF CONVERTER	1	(†)NV-HD10OEE
	ENV578B5H6	TUNER	1	(†)NV-HD10OEC
	ENV59845H3	TUNER	1	(†)NV-HD10OEE
F1101	VSF0107C16	FUSE	1	(†)NV-HD10OEC
F1101	XBA2C16TB0	FUSE	1	(†)NV-HD10OEE
	■ VEPO3977K	MAIN C.B.A.		(RTL) NV-HD10OEC
C305	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C306,07	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C308	ECEA1EKW4R7	E. CAPACITOR 25V 4.7U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C309	ECUM1H333KBN	C. CAPACITOR CH 50V 0.033U	1		C2010.11	VCUV1H333KBN	C. CAPACITOR 50V 0.033U	2	
C310	ECEA1CK220	E. CAPACITOR 16V 22U	1		C2012	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C311	ECEAOJK101	E. CAPACITOR 6.3V 100U	1		C2013	ECQV1H683JZ	P. CAPACITOR 50V 0.068U	1	
C312	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1		C2014	ECEA1CM101	E. CAPACITOR 16V 100U	1	
C313.14	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	2		C2015-18	VCUV1H333KBN	C. CAPACITOR 50V 0.033U	4	
C315	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1		C2019-21	ECEA1HK2R2	E. CAPACITOR 50V 2.2U	3	
C319	ECEAOJK101	E. CAPACITOR 6.3V 100U	1		C2027	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C320	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1		C2028	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C701.02	ECEA1EK4R7	E. CAPACITOR 25V 4.7U	2		C2029	ECEA1HK3R3	E. CAPACITOR 50V 3.3U	1	
C707	ECEA1HKOR1	E. CAPACITOR 50V 0.1U	1		C2030	ECEA1HK3R3	E. CAPACITOR 50V 3.3U	1	
C708	ECEA1CK100	E. CAPACITOR 16V 10U	1		C2031	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C710	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C2032	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C719	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C2033	ECEA1HK3R3	E. CAPACITOR 50V 3.3U	1	
C721	ECQV1H823JZ	P. CAPACITOR 50V 0.082U	1		C2034	ECEAOJK220	E. CAPACITOR 6.3V 22U	1	
C723	ECEA1CK100	E. CAPACITOR 16V 10U	1		C2035	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C725	ECQV1H104JZ	P. CAPACITOR 50V 0.1U	1		C2036	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C728	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C2037	ECAOJM221	E. CAPACITOR 6.3V 220U	1	
C730	ECEA1CK100	E. CAPACITOR 16V 10U	1		C2038	ECQV1H334JZ	P. CAPACITOR 50V 0.33U	1	
C731	VCEA1CAC100	E. CAPACITOR 16V 10U	1		C2039	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	1	
C732	ECEA1EK3R3	E. CAPACITOR 25V 3.3U	1		C2040	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C736.37	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	2		C2041.42	ECUM1C1052FN	E. CAPACITOR 16V 1U	2	
C739	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1		C2043	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C740	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C2044	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C741	ECEA1HK010	E. CAPACITOR 50V 1U	1		C2045	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C742	ECEA1CK100	E. CAPACITOR 16V 10U	1		C2046	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C743	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1		C2047	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	1	
C744.45	ECEA1HKOR1	E. CAPACITOR 50V 0.1U	2		C2048	ECAOJM221	E. CAPACITOR 6.3V 220U	1	
C746	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1		C2049	ECEA1HK4R7	E. CAPACITOR 50V 4.7U	1	
C747	ECUM1H680JFN	C. CAPACITOR CH 50V 68P	1		C2050	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C748	ECEA1CK470	E. CAPACITOR 16V 47U	1		C2051	ECQV1H683JZ	P. CAPACITOR 50V 0.068U	1	
C781	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1		C2052	ECEA1HKR47	E. CAPACITOR 50V 0.47U	1	
C782	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1		C2053	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C790	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C2055	ECEAOJK470	E. CAPACITOR 6.3V 47U	1	
C792	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1		C2056	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C801	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C3002.03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C802	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1		C3004	ECEAOJK470	E. CAPACITOR 6.3V 47U	1	
C803.04	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	2		C3008	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C805	ECEAOJK221	C. CAPACITOR CH6.3V 220U	1		C3009	ECUM1C1052FN	C. CAPACITOR CH 16V 1U	1	
C806	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1		C3011	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C807	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1		C3012	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C808	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1		C3013	ECEAOJK221	E. CAPACITOR 6.3V 220P	1	
C809	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C3014	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C812	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C3015	ECUM1H080JCN	C. CAPACITOR CH 50V 8P	1	
C814	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C3016	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C815	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1		C3018	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C816	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C3020	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C817	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1		C3021	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C818	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C3023	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C819	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1		C3024	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C820-25	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	6		C3027	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C826	ECEAOJK101	E. CAPACITOR 6.3V 100U	1		C3028	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C827	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C3030	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C828	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1		C3031	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C829	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C3032	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C830	ECEA1HKOR1	E. CAPACITOR 50V 0.1U	1		C3033	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C831	ECQB1H332JH	P. CAPACITOR 50V 0.27U	1		C3034	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C832	ECUM1H331JCN	C. CAPACITOR CH 50V 330P	1		C3035	ECEAOJK470	E. CAPACITOR 6.3V 47U	1	
C838	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1		C3038	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C839	ECUM1H100JCN	C. CAPACITOR CH 50V 10P	1		C3040	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C841	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1		C3043	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C842	ECEAOJK101	E. CAPACITOR 6.3V 100U	1		C3047	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C843	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1		C3048	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C845	ECEA1HK010	E. CAPACITOR 50V 1U	1		C4001	ECAOJM471	E. CAPACITOR 6.3V 470U	1	
C846	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C4002.03	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	2	
C849	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C4004	ECEA1CP2101	E. CAPACITOR 16V 100U	1	
C1001	ECA1EM101	E. CAPACITOR 25V 100U	1		C4005	ECUM1C2242FN	C. CAPACITOR CH 16V 0.22U	1	
C1002	ECEA1CK330	E. CAPACITOR 16V 33U	1		C4006	ECEA1CK100	E. CAPACITOR 16V 10U	1	
C1003	ECEAOJK330	E. CAPACITOR 6.3V 33U	1		C4007	ECEA1CP2101	E. CAPACITOR 16V 100U	1	
C1004	ECAOJM471	E. CAPACITOR 6.3V 470U	1		C4008	ECUM1C2242FN	C. CAPACITOR CH 16V 0.22U	1	
C1005	ECEA1AP2221	E. CAPACITOR 10V 220U	1		C4009	ECEA1CK100	E. CAPACITOR 16V 10U	1	
C2001-03	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	3		C4010	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C2004-06	ECEA1CK470	E. CAPACITOR 16V 47U	3		C4011	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C2007	ECEA1HK010	E. CAPACITOR 50V 1U	1		C4012	ECQB1H103KZ	P. CAPACITOR 50V 0.01U	1	
C2008	ECAOJM221	E. CAPACITOR 6.3V 220U	1		C4013	ECQP1222JZ	P. CAPACITOR 0.0022U	1	
C2009	ECEA1HKR22	E. CAPACITOR 50V 0.22U	1		C4014	ECKD2H331KB	P. CAPACITOR 550V 330U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4015	ECQB1H102KZ	P. CAPACITOR 50V 1000P	1		C6010	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4016	ECEA16M33	E. CAPACITOR 16V 33U	1		C6011	ECEA0JK220	E. CAPACITOR 6.3V 22U	1	
C4020	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1		C6012	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C4021	ECUM1H6832FN	C. CAPACITOR CH 50V 0.068U	1		C6013	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4022	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		C6014,15	ECUM1H271JCN	C. CAPACITOR CH 50V 270P	2	
C4023	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1		C6016,17	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	2	
C4025	ECEA1HK010	E. CAPACITOR 50V 1U	1		C6018	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4026	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1		C6019	ECEA0JK330	E. CAPACITOR 6.3V 33U	1	
C4027	ECEA0JK220	E. CAPACITOR 6.3V 22U	1		C6020	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4502	ECUM1C1042FN	C. CAPACITOR CH 16V 0.1U	1		C6021	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C4503	ECUX1H152KVB	C. CAPACITOR CH 50V 1500P	1		C7003-05	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	3	
C4504,05	ECEA1CP2470	E. CAPACITOR 16V 47U	2		C7006	ECEA1CK100	E. CAPACITOR 16V 10U	1	
C4506	VCEA1CAH100	E. CAPACITOR 16V 10U	1		C7007,08	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	2	
C4507	ECQB1H232JA	P. CAPACITOR 50V 0.022U	1		C7009	ECEA0JK470	E. CAPACITOR 6.3V 47U	1	
C4508	ECEA1EB24R7	E. CAPACITOR 25V 4.7U	1		C7010	ECEA0JK101	E. CAPACITOR 6.3V 100U	1	
C4509	ECEA1AP2470	E. CAPACITOR 10V 47U	1		C7011	ECE55R5T224	E. CAPACITOR 5.5V 0.22U	1	
C4510	ECQB1H103JA	P. CAPACITOR 50V 0.01U	1		C7012	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4511	ECQB1H332JA	P. CAPACITOR 50V 3300P	1		C7013	ECEA0JK221	E. CAPACITOR 6.3V 220U	1	
C4512	ECUX1H561JV	C. CAPACITOR CH 50V 560P	1		C7018-20	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	3	
C4513	ECUM1H681JN	C. CAPACITOR CH 50V 680P	1		C7023	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C4514	ECUM1H561JN	C. CAPACITOR CH 50V 560P	1		C7302	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C4515	VCEA1EAH4R7	E. CAPACITOR 25V 4.7U	1		C7303	ECQV1H393JZ	P. CAPACITOR 50V 0.039U	1	
C4517	ECEA1AP2101	E. CAPACITOR 10V 100U	1		C7304	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C4518	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1		C7305	ECQV1H473JZ	P. CAPACITOR 50V 0.047U	1	
C4521	ECUM1C473KVB	C. CAPACITOR CH 16V 0.047U	1		C7306	ECQB1H102KZ	P. CAPACITOR 50V 1000P	1	
C4522	VCEA1HAH3R3	E. CAPACITOR 50V 3.3U	1		C7307	ECQB1H822KZ	P. CAPACITOR 50V 8200P	1	
C4528	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1		C7308	ECQB1H102KZ	P. CAPACITOR 50V 1000P	1	
C4530	ECEA0JK470	E. CAPACITOR 6.3V 47U	1		C7309	ECQB1H152JH	P. CAPACITOR 50V 1500P	1	
C4533	ECEA1CP2330	E. CAPACITOR 16V 33U	1		C7310	ECEA16M10	E. CAPACITOR 16V	1	
C4537	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1		C7311	ECEA50MR47	E. CAPACITOR 50V 0.47U	1	
C4538	ECEA1HUR47	E. CAPACITOR 50V 0.47U	1		C7312	ECQV1H224JZ	P. CAPACITOR 50V 0.22U	1	
C4539	ECUM1C2242FN	C. CAPACITOR CH 16V 0.22U	1		C7313	ECQV1H104JZ	P. CAPACITOR 50V 0.1U	1	
C4541	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1		C7314	ECQV1H224JZ	P. CAPACITOR 50V 0.22U	1	
C4545	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1		C7315	ECQV1H104JZ	P. CAPACITOR 50V 0.1U	1	
C4552	ECUM1C1042FN	C. CAPACITOR CH 16V 0.1U	1		C7316	ECQV1H224JZ	P. CAPACITOR 50V 0.22U	1	
C4556	VCEA1CAH100	E. CAPACITOR 16V 10U	1		C7317	ECEA1CK101	E. CAPACITOR 16V 100U	1	
C4557	ECQB1H232JA	P. CAPACITOR 50V 0.022U	1		C7318	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4558	ECEA1EB24R7	E. CAPACITOR 25V 4.7U	1		C7319	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C4559	ECEA1AP2470	E. CAPACITOR 10V 47U	1		C7320,21	ECEA1CK100	E. CAPACITOR 16V 10U	2	
C4560	ECQB1H103JA	P. CAPACITOR 50V 0.01U	1		C7323,24	ECQV1H393JZ	P. CAPACITOR 50V 0.039U	2	
C4561	ECQB1H332JA	P. CAPACITOR 50V 3300P	1		C7331	ECQV1H474JZ	P. CAPACITOR 50V 0.47U	1	
C4562	ECUM1H561JN	C. CAPACITOR CH 50V 560P	1		C7332,33	ECUM1H1022FN	C. CAPACITOR CH 50V 1000P	2	
C4563	ECUM1H681JN	C. CAPACITOR CH 50V 680P	1		C7334	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4564	ECUM1H561JN	C. CAPACITOR CH 50V 560P	1		C7335	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C4565	VCEA1EAH4R7	E. CAPACITOR 25V 4.7U	1		C7336	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4567	ECEA1AP2101	E. CAPACITOR 10V 100U	1		C7337	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C4568	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1		C7339	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4572	VCEA1HAH3R3	E. CAPACITOR 50V 3.3U	1		C7340	ECUM1H390JFN	C. CAPACITOR CH 50V 39P	1	
C4576	ECUM1E473KBN	C. CAPACITOR CH 25V 0.047U	1		C7341	ECUM1H070DCN	C. CAPACITOR CH 50V 7P	1	
C4583	ECEA1CP2330	E. CAPACITOR 16V 33U	1		C7342	ECQV1H823JZ	P. CAPACITOR 50V 0.082U	1	
C4585,86	ECEA1AP2101	E. CAPACITOR 10V 100U	2		C7343	ECEA1CK100	E. CAPACITOR 16V 10U	1	
C4591	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1		C7345	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4592	ECUX1H152KVB	C. CAPACITOR CH 50V 1500P	1		C7346	ECUM1H390JFN	C. CAPACITOR CH 50V 39P	1	
C4604	ECUM1H182JN	C. CAPACITOR CH 50V 1800P	1		C7347	ECUM1H070DCN	C. CAPACITOR CH 50V 7P	1	
C4606	VCEA0JAC470	E. CAPACITOR 6.3V 47U	1		C7348	ECQV1H393JZ	P. CAPACITOR 50V 0.039U	1	
C4611	ECQB1H103JH	P. CAPACITOR 50V 0.01U	1		C7349,50	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	2	
C4613	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1		C7351,52	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	2	
C4616	ECUX1H1022FV	C. CAPACITOR CH 50V 1000P	1		C7353	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C4617	ECEA10M22	E. CAPACITOR 10V 22U	1		C7651	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C4618	ECQB1H822JH	P. CAPACITOR 50V 8200P	1		C7653	ECQB1H332JH	P. CAPACITOR 50V 0.27U	1	
C4619	ECEA1APB100	E. CAPACITOR 10V 10U	1		C7668	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4621	ECEA0JK101	E. CAPACITOR 6.3V 100U	1		C7685	ECEA1HK010	E. CAPACITOR 50V 1U	1	
C4629	ECQB1H103JZ	P. CAPACITOR 50V 0.01U	1		C8001	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C4636	ECUM1H471JN	C. CAPACITOR CH 50V 470P	1						
C4638	ECQB1H822JH	P. CAPACITOR 50V 8200P	1						
C4651	ECQB1H333JA	P. CAPACITOR 50V 0.033U	1		D302	1SS283	DIODE	1	
C4652,53	ECUM1C1052FN	C. CAPACITOR CH 16V 1U	2		D303	MA151A	DIODE	1	
C6001	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1		D304	1SS254	DIODE	1	
C6002	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1		D710	MA3100L	DIODE	1	
C6003	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1		D801,02	1SS254	DIODE	2	
C6004	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1		D804	1SS254	DIODE	1	
C6005	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1		D1001-03	11ES1	DIODE	3	
C6006	ECUM1H332KBN	C. CAPACITOR CH 50V 3300P	1		D1004	MA723VT	DIODE	1	
C6007	ECEA0JK220	E. CAPACITOR 6.3V 22U	1		D2001	MA723VT	DIODE	1	
C6008,09	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	2		D2005-06	1SS254	DIODE	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D4504	MA151H	DIODE	1		L4501,02	ELESQ101KA	COIL	100UH	2
D4602	MA151K	DIODE	1		L4601	VLQEL07F153J	COIL	15MH	1
D6001-05	1SS254	DIODE	5		L6001	VLPO074	COIL		1
D6007	1SS254	DIODE	1		L7001,02	ELESQ1ROKA	COIL	1UH	2
D6008,09	MA723VT	DIODE	2		L7003,04	VLQ0540J330	COIL	33UH	2
D6011	1SS254	DIODE	1		L7006	VLQ0188K330	COIL	33UH	1
D6012	SV03YS	DIODE	1		L7007	VLQ0540J330	COIL	33UH	1
D7001-04	MA723VT	DIODE	4		L7008	ELESQ1ROKA	COIL	1UH	1
D7005	1SS254	DIODE	1		L7010	VLQEL06F101K	COIL	100UH	1
D7007	1SS254	DIODE	1		L7012	ERJ6GMZOR00	M.RESISTOR CH 1/10W	0	1
D7009	MA151WK	DIODE	1		L7301	ELESQ102KA	COIL	1000UH	1
D7011	MA151WK	DIODE	1						
D7303	MA28WA	DIODE	1						
D7304	MA3100L	DIODE	1		P1001	VJPI144	CONNECTOR (MALE)	5P	1
D7672,73	MA3150-H	DIODE	2		P1001	VJS1144	CONNECTOR (FEMALE)	5P	1
					P1002	VJPI141	CONNECTOR (MALE)	2P	1
DL801	VLD0198	DELAY	1		P1003	VJPI232T	CONNECTOR (MALE)	5P	1
DL802	EFDUN124A13W	DELAY	1		P1003	VJS1232	CONNECTOR (FEMALE)	5P	1
					P1102	VJS1237T	CONNECTOR (FEMALE)		1
					P1506	VJS1736	CONNECTOR (FEMALE)		1
FL4501	VLFO947M	FILTER	1		P1509	VJS1141	CONNECTOR (FEMALE)		1
					P2001	VJPI232T	CONNECTOR (MALE)	5P	1
					P2001	VJS1738	CONNECTOR (FEMALE)		1
IC301	VEFH29D	IC	1		P2002	VJPI230T	CONNECTOR (MALE)	3P	1
IC701	M52014SP	IC	1		P2002	VJS1736	CONNECTOR (FEMALE)		1
IC802	M52352FP	IC	1		P2003	VJS3193A015A	CONNECTOR (FEMALE)	15P	1
IC2001	BA6219B	IC	1		P2902	VJS1738	CONNECTOR (FEMALE)		1
IC2002	AN3727S	IC	1		P3001	VJS3193A020A	CONNECTOR (FEMALE)	20P	1
IC2003	XRA6439P	IC	1		P4002	VJPI230T	CONNECTOR (MALE)	3P	1
IC2005	UPC358G2	IC	1		P4002	VJS1230	CONNECTOR (FEMALE)		1
IC4501	XLH7773KS	IC	1		P4003	VJS2331	CONNECTOR (FEMALE)		1
IC4601	BA7755AF	IC	1		P4011	VJPI231T	CONNECTOR (MALE)	4P	1
IC6001	MN67434VRS	IC	1		P4011	VJS1737	CONNECTOR (FEMALE)		1
IC6009	UPC358G2	IC	1		P4013	VJPI230T	CONNECTOR (MALE)		1
IC7001	M66006FP	IC	1		P6001	VJS3193A013A	CONNECTOR (FEMALE)	13P	1
IC7301	TDA3803A	IC	1		P6005	VJPI236T	CONNECTOR (MALE)	9P	1
IC7302	TA8721SN	IC	1		P6005	VJS1239	CONNECTOR (FEMALE)		1
					P6501	VJS1239	CONNECTOR (FEMALE)		1
					P7301	VJPI237R	CONNECTOR (MALE)	10P	1
L303	ELESQ220KA	COIL	22UH	1	P7301	VJS1237R	CONNECTOR (FEMALE)		1
L304	ELESQ101KA	COIL	100UH	1	P7302	VJPI237T	CONNECTOR (MALE)	10P	1
L305	ELESQ121JA	COIL	120UH	1	P7302	VJS1237T	CONNECTOR (FEMALE)		1
L306	ELESQ390KA	COIL	39UH	1	P7401	VJS3193A012A	CONNECTOR (FEMALE)	12P	1
L701	ELESQ680KA	COIL	68UH	1	P7402	VJS3193A024A	CONNECTOR (FEMALE)	24P	1
L711	ELQTR22XB	COIL	0.22UH	1	P7702	VJS1737	CONNECTOR (FEMALE)		1
L718,19	ELESQ680KA	COIL	68UH	2	P7901	VJS1237R	CONNECTOR (FEMALE)		1
L720	ELESQ150KA	COIL	15UH	1	P7902	VJS1237T	CONNECTOR (FEMALE)		1
L781	VLQ0213K680	COIL	68UH	1					
L801,02	VLQ0540J150	COIL	15UH	2	PP3001	VJP3044G009W	CONNECTOR (MALE)	9P	1
L803	ELESQ5R6KA	COIL	5.6UH	1	PP3002	VJP3044G012W	CONNECTOR (MALE)	12P	1
L804	ELESQ101KA	COIL	100UH	1	PP3003	VJP3044G006W	CONNECTOR (MALE)	6P	1
L805	ELESQ270KA	COIL	27UH	1	PP3005	VJP3042A016W	CONNECTOR (MALE)	16P	1
L807,08	VLQ0540J150	COIL	15UH	2	PP3006	VJP3042A017W	CONNECTOR (MALE)	17P	1
L809	ELESQ101KA	COIL	100UH	1	PP4001-03	VJP3186A018	CONNECTOR (MALE)	18P	3
L811,12	ELESQ101KA	COIL	100UH	2	PP7401-03	VJP3043A005W	CONNECTOR (MALE)	5P	3
L1001	VLPO074	COIL		1	PP7404	VJP3043A006W	CONNECTOR (MALE)	6P	1
L2001	VLPO083	FILTER		1	PP7405	VJP3043A004W	CONNECTOR (MALE)	4P	1
L2002	VLQ0188J330	COIL	33UH	1	PP7406	VJP3043A010W	CONNECTOR (MALE)	10P	1
L2003	ELESQ102KA	COIL	100UH	1					
L2004	ELESQ101KA	COIL	100UH	1					
L2005	VLPO074	COIL		1	PS301	VJS3044F009W	CONNECTOR (FEMALE)	9P	1
L2006	VLQ0188J330	COIL	33UH	1	PS302	VJS3044F012W	CONNECTOR (FEMALE)	12P	1
L3004	VLQ0188J330	COIL	33UH	1	PS303	VJS3044F006W	CONNECTOR (FEMALE)	6P	1
L3005	ELESQ270JA	COIL	27UH	1	PS701-03	VJS3043B005W	CONNECTOR (FEMALE)	5P	3
L3007	ELESQ6R8JA	COIL	6.8UH	1	PS704	VJS3043B006W	CONNECTOR (FEMALE)	6P	1
L3008	ELESQ5R6JA	COIL	5.6UH	1	PS4001-03	VJS3186B018	CONNECTOR (FEMALE)	18P	3
L3009	ELESQ120JA	COIL	12UH	1	PS7301,02	VJR0477	PACK PIN		2
L3010	ELESQ101JA	COIL	100UH	1					
L3011	VLQ0188J330	COIL	33UH	1					
L3012	ELESQ151KA	COIL	150UH	1	Q703	MSD601-S	TRANSISTOR		1
L3013	ELESQ820JA	COIL	82UH	1	Q711	MSB709-R	TRANSISTOR		1
L4001,02	VLQEL06F101K	COIL	100UH	2	Q712	2SD1996-R	TRANSISTOR		1
L4003	ELESQ471KA	COIL	470UH	1	Q714	MSD601-S	TRANSISTOR		1
L4004	VLQ0188J330	COIL	33UH	1	Q771	MSD601	TRANSISTOR		1

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
PS7301,02	VJRO477	PACK PIN	2		QR7301,02	MRN1404	TRANSISTOR-RESISTOR	2	
					QR7312-14	MRN1402	TRANSISTOR-RESISTOR	3	
					QR7315,16	MRN1404	TRANSISTOR-RESISTOR	2	
Q703	MSD601-S	TRANSISTOR	1						
Q711	MSB709-R	TRANSISTOR	1						
Q712	2SD1996-R	TRANSISTOR	1		R304	ERJ6QMZOR00	M.RESISTOR CH 1/10W 0	1	
Q714	MSD601-S	TRANSISTOR	1		R307	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
Q771	MSD601	TRANSISTOR	1		R308	ERJ6GMVJ472	M.RESISTOR CH 1/10W 4.7K	1	
Q801	MSC2295	TRANSISTOR	1		R310	ERJ6GMVJ272	M.RESISTOR CH 1/10W 2.7K	1	
Q802	MSD601	TRANSISTOR	1		R312	ERJ6GMVJ473	M.RESISTOR CH 1/10W 47K	1	
Q808	MSB709	TRANSISTOR	1		R315	ERJ6GMVJ393	M.RESISTOR CH 1/10W 39K	1	
Q2001	MSB709	TRANSISTOR	1		R316	ERJ6GMVJ392	M.RESISTOR CH 1/10W 3.9K	1	
Q3001	MSB709	TRANSISTOR	1		R318, 19	ERJ6GMVJ103	M.RESISTOR CH 1/10W 10K	2	
Q3002	MSC2295	TRANSISTOR	1		R322	ERJ6GMVJ332	M.RESISTOR CH 1/10W 3.3K	1	
Q3003	MSB709	TRANSISTOR	1		R327	ERJ6GEYK125	M.RESISTOR CH 1/10W 1.2M	1	
Q3004	MSC2295	TRANSISTOR	1		R716	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
Q3007	MSD601	TRANSISTOR	1		R719	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
Q3009	MSD601	TRANSISTOR	1		R720	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
Q3010	2SB710-R	TRANSISTOR	1		R721, 22	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
Q4001	2SB710-R	TRANSISTOR	1		R724	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
Q4002	2SB1321-R	TRANSISTOR	1		R725	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
Q4003	2SD602A-R	TRANSISTOR	1		R727	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
Q4004, 05	MSD601	TRANSISTOR	2		R728	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
Q4006	MSB709	TRANSISTOR	1		R730	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
Q4007	2SB1378-R	TRANSISTOR	1		R736	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
Q4008	2SB1321-R	TRANSISTOR	1		R737	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
Q4009	MSD601	TRANSISTOR	1		R740	ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
Q4501	2SD655	TRANSISTOR	1		R742	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
Q4551	2SB561	TRANSISTOR	1		R743	ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
Q4601	MSD1328	TRANSISTOR	1		R744	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
Q6001	MSD601	TRANSISTOR	1		R745	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
Q6002	2SD1991A	TRANSISTOR	1		R746	ERDS2TJ151	C.RESISTOR 1/4W 150	1	
Q6003	MSB709	TRANSISTOR	1		R750	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
Q6004	2SD655	TRANSISTOR	1		R758	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
Q6005	MSD601	TRANSISTOR	1		R763	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
Q6006	MSB709	TRANSISTOR	1		R772	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
Q7301	MSD601-S	TRANSISTOR	1		R773	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
Q7304, 05	MSD601	TRANSISTOR	2		R774	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
Q7306	2SC2404-C	TRANSISTOR	1		R781	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
Q7307	2SD1328-S	TRANSISTOR	1		R790	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
Q8001	MSD601	TRANSISTOR	1		R793	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
					R794	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
					R796	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
QR303	MRN2404	TRANSISTOR-RESISTOR	1		R797	ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
QR306	MRN1404	TRANSISTOR-RESISTOR	1		R798	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
QR702	MRN1404	TRANSISTOR-RESISTOR	1		R799	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
QR703	MRN2403	TRANSISTOR-RESISTOR	1		R801	ERJ6GMVJ102	M.RESISTOR CH 1/10W 1K	1	
QR704	MRN1404	TRANSISTOR-RESISTOR	1		R802, 03	ERJ6GMVJ471	M.RESISTOR CH 1/10W 470K	2	
QR711, 12	MRN1403	TRANSISTOR-RESISTOR	2		R804, 05	ERJ6GMVJ103	M.RESISTOR CH 1/10W 10K	2	
QR804	MRN2404	TRANSISTOR-RESISTOR	1		R806	ERJ6GMVJ221	M.RESISTOR CH 1/10W 220	1	
QR805	MRN1404	TRANSISTOR-RESISTOR	1		R807	ERJ6GMVJ271	M.RESISTOR CH 1/10W 270	1	
QR1001	XN1211	TRANSISTOR-RESISTOR	1		R813	ERJ6GMVJ102	M.RESISTOR CH 1/10W 1K	1	
QR2001	XN1213	TRANSISTOR-RESISTOR	1		R814	ERJ6GMVJ393	M.RESISTOR CH 1/10W 39K	1	
QR2002	MRN2404	TRANSISTOR-RESISTOR	1		R815	ERJ6GMVJ821	M.RESISTOR CH 1/10W 820	1	
QR3001	MRN2402	TRANSISTOR-RESISTOR	1		R816	ERJ6GMVJ471	M.RESISTOR CH 1/10W 470	1	
QR3002	DTC363EK	TRANSISTOR-RESISTOR	1		R817	ERJ6GMVJ182	M.RESISTOR CH 1/10W 1.8K	1	
QR3006	MRN2402	TRANSISTOR-RESISTOR	1		R818	ERJ6GMVJ681	M.RESISTOR CH 1/10W 680	1	
QR3007	DTC363EK	TRANSISTOR-RESISTOR	1		R819	ERJ6GMVJ272	M.RESISTOR CH 1/10W 2.7K	1	
QR4001	DTC363EK	TRANSISTOR-RESISTOR	1		R820, 21	ERJ6GMVJ122	M.RESISTOR CH 1/10W 1.2K	2	
QR4002	XN1111	TRANSISTOR-RESISTOR	1		R823, 24	ERJ6GMVJ152	M.RESISTOR CH 1/10W 1.5K	2	
QR4005	MRN1403	TRANSISTOR-RESISTOR	1		R825	ERJ6QMZOR00	M.RESISTOR CH 1/10W 0	1	
QR4006	DTC363EK	TRANSISTOR-RESISTOR	1		R827	ERJ6GMVJ122	M.RESISTOR CH 1/10W 1.2K	1	
QR4007	MRN1404	TRANSISTOR-RESISTOR	1		R828	ERJ6GMVJ271	M.RESISTOR CH 1/10W 270	1	
QR4508, 09	MRN2404	TRANSISTOR-RESISTOR	2		R829	ERJ6GMVJ122	M.RESISTOR CH 1/10W 1.2K	1	
QR4510	MRN1403	TRANSISTOR-RESISTOR	1		R830	ERJ6GMVJ271	M.RESISTOR CH 1/10W 270	1	
QR4602	MRN2402	TRANSISTOR-RESISTOR	1		R831	ERJ6GMVJ681	M.RESISTOR CH 1/10W 680	1	
QR4603	MRN1404	TRANSISTOR-RESISTOR	1		R832	ERJ6GMVJ154	M.RESISTOR CH 1/10W 150K	1	
QR6003	XN1211	TRANSISTOR-RESISTOR	1		R833	ERJ6GMVJ204	M.RESISTOR CH 1/10W 200K	1	
QR6004	UN2114	TRANSISTOR-RESISTOR	1		R834	ERJ6GMVJ153	M.RESISTOR CH 1/10W 15K	1	
QR6005	MRN1404	TRANSISTOR-RESISTOR	1		R835	ERJ6GMVJ103	M.RESISTOR CH 1/10W 10K	1	
QR6007	XN1213	TRANSISTOR-RESISTOR	1		R836	ERJ6GMVJ154	M.RESISTOR CH 1/10W 150K	1	
QR6010, 11	MRN1404	TRANSISTOR-RESISTOR	2		R848	ERJ6GMVJ222	M.RESISTOR CH 1/10W 2.2K	1	
QR7001	MRN1402	TRANSISTOR-RESISTOR	1		R849	ERJ6GMVJ473	M.RESISTOR CH 1/10W 47K	1	
QR7005	MRN1403	TRANSISTOR-RESISTOR	1		R850	ERJ6GMVJ563	M.RESISTOR CH 1/10W 56K	1	
QR7006	MRN2402	TRANSISTOR-RESISTOR	1		R853	ERJ6GMVJ473	M.RESISTOR CH 1/10W 47K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R855	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1		R4003	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R856	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1		R4004	ERJ6GMYG273	M.RESISTOR CH 1/10W 27K	1	
R857	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1		R4005	ERJ6GMYG823	M.RESISTOR CH 1/10W 82K	1	
R859	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1		R4006	ERJ6GMYG683	M.RESISTOR CH 1/10W 68K	1	
R1001	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1		R4007	ERJ6GMYG100	M.RESISTOR CH 1/10W 10	1	
R2001	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1		R4008,09	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R2002	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1		R4010	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2003	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1		R4011	ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R2004	ERG12SJ561	M.RESISTOR 1/2W 560	1		R4013	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2005	ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1		R4014	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2006	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1		R4015	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2007	ERJ6GMYG432	M.RESISTOR CH 1/10W 4.3K	1		R4016	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2008	ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1		R4017	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R2012	ERJ6GMYJ684	M.RESISTOR CH 1/10W 680K	1		R4018	ERDS2TJ273	C.RESISTOR 1/4W 27K	1	
R2013	ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1		R4019	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R2014	ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1		R4020	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2015	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1		R4021	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R2016	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1		R4022	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R2017	EROS2CKG6800	M.RESISTOR 1/4W 680	1		R4024	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2018	ERX12SJR47	M.RESISTOR 1/2W 0.47	1		R4025	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2019-21	ERDS2TJ560	C.RESISTOR 1/4W 56	3		R4026	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2022	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1		R4027	ERJ6GMYJ433	M.RESISTOR CH 1/10W 43K	1	
R2023	ERJ6GMYZOR00	M.RESISTOR CH 1/10W 0	1		R4028	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2024	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1		R4029	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2030	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1		R4032	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2031	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1		R4034	ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R2032	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1		R4035,36	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R2034	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1		R4037	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R2035,36	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2		R4501,02	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R2038	ERJ6GMYJ392	M.RESISTOR CH 1/10W 39K	1		R4503	VRE0071E36C	RESISTOR	1	
R2039	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1		R4504,05	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	2	
R2040,41	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2		R4506,07	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R2042	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1		R4508	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R2043	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1		R4509	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R2044	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1		R4510	ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R2045	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1		R4511	ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R2046	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1		R4512	VRE0034E163	M.RESISTOR CH 1/10W 16K	1	
R2047,48	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2		R4513	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2049	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1		R4514	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R2050	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1		R4518,19	ERJ6GMYZOR00	M.RESISTOR CH 1/10W 0	2	
R2051	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1		R4522	ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R2052	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1		R4527	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R2053,54	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2		R4528	VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R2055	ERJ6GMYZOR00	M.RESISTOR CH 1/10W 0	1		R4529	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R2056	ERX1S1R8	M.RESISTOR 1W 1.8	1		R4530	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R2058	ERJ6GMYZOR00	M.RESISTOR CH 1/10W 0	1		R4534	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3001	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1		R4535	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3002	ERDS2TJ102	C.RESISTOR 1/4W 1K	1		R4539	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R3003	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1		R4540	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3004	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1		R4541	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3005	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1		R4542	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3006	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1		R4543	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R3007	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1		R4551,52	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R3014	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1		R4553	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R3018	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1		R4554	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R3019	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1		R4558	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R3021	ERJ6GMYZOR00	M.RESISTOR CH 1/10W 0	1		R4561	ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R3023	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1		R4562	VRE0034E10C	M.RESISTOR CH 1/10W	1	
R3024	ERJ6GMYZOR00	M.RESISTOR CH 1/10W 0	1		R4563	ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	1	
R3025	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1		R4568	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R3027	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1		R4569	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R3028	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1		R4573	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3029	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1		R4577	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3033	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1		R4578	VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
R3034	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1		R4581	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R3035	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1		R4583	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3037	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1		R4584	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3038	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1		R4585	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3039	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1		R4586	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3040,41	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2		R4587,88	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R3042	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1		R4591	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3043	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1		R4592	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R3048,49	ERJ6GMYZOR00	M.RESISTOR CH 1/10W 0	2		R4593	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4001	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1		R4594	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4002	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1		R4603	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4606	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4610	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4611,12	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	2	
R4613	ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R4615	ERJ6GEYJ133	M.RESISTOR CH 1/10W 13K	1	
R4616	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4638	ERJ6GZOR00	M.RESISTOR CH 1/10W 0	1	
R4649	ERJ3GEY470	M.RESISTOR CH 1/16W 47	1	
R4651	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R4653	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4654	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4655	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4656	ERJ6GEYJ243	M.RESISTOR CH 1/10W 24K	1	
R4657	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4659	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R4666	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R6001-04	ERJ6GMJ102	M.RESISTOR CH 1/10W 1K	4	
R6005-07	ERJ6GMJ333	M.RESISTOR CH 1/10W 33K	3	
R6009	ERJ6GMJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6010	ERJ6GMJ102	M.RESISTOR CH 1/10W 1K	1	
R6011	ERJ6GMJ112	M.RESISTOR CH 1/10W 1.1K	1	
R6012	ERJ6GMJ223	M.RESISTOR CH 1/10W 22K	1	
R6013	ER0S2CKG2000	M.RESISTOR 1/4W 200	1	
R6014,15	ERJ6GMJ223	M.RESISTOR CH 1/10W 22K	2	
R6016	ERJ6GMJ103	M.RESISTOR CH 1/10W 10K	1	
R6017	ERJ6GMJ271	M.RESISTOR CH 1/10W 270	1	
R6018	ERJ6GMJ683	M.RESISTOR CH 1/10W 68K	1	
R6019	ERJ6GMJ104	M.RESISTOR CH 1/10W 100K	1	
R6020	ERJ6GMJ101	M.RESISTOR CH 1/10W 100	1	
R6021	ERJ6GMJ103	M.RESISTOR CH 1/10W 10K	1	
R6022	ERJ6GMJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6023,24	ERJ6GMJ103	M.RESISTOR CH 1/10W 10K	2	
R6025,26	ERJ6GMJ272	M.RESISTOR CH 1/10W 2.7K	2	
R6027	ERJ6GMJ221	M.RESISTOR CH 1/10W 220	1	
R6028	ERJ6GMJ224	M.RESISTOR CH 1/10W 220K	1	
R6029	ERJ6GMJ104	M.RESISTOR CH 1/10W 100K	1	
R6030	ERJ6GMJ221	M.RESISTOR CH 1/10W 220	1	
R6031	ERJ6GMJ183	M.RESISTOR CH 1/10W 18K	1	
R6032,33	ERJ6GMJ333	M.RESISTOR CH 1/10W 33K	2	
R6034	ERJ6GMJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6035,36	ERJ6GMJ102	M.RESISTOR CH 1/10W 1K	2	
R6037	ERJ6GMJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6038	ERJ6GMJ223	M.RESISTOR CH 1/10W 22K	1	
R6039	ERJ6GMJ103	M.RESISTOR CH 1/10W 10K	1	
R6043	ERJ6GMJ683	M.RESISTOR CH 1/10W 68K	1	
R6044	ERJ6GMJ103	M.RESISTOR CH 1/10W 10K	1	
R6045,46	ERJ6GMJ102	M.RESISTOR CH 1/10W 1K	2	
R6050,51	ERJ6GMJ272	M.RESISTOR CH 1/10W 2.7K	2	
R6052,53	ERJ6GMJ103	M.RESISTOR CH 1/10W 10K	2	
R6054	ERJ6GMJ102	M.RESISTOR CH 1/10W 1K	1	
R6055,56	ERJ6GMJ101	M.RESISTOR CH 1/10W 100	2	
R6057	ERJ6GMJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6078	VRE0034E103	M.RESISTOR CH 1/10W 10K	1	
R6079	ERJ6GMJ564	M.RESISTOR CH 1/10W 560K	1	
R6080	VRE0034E103	M.RESISTOR CH 1/10W 10K	1	
R6081	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	1	
R6082	VRE0034E512	M.RESISTOR CH 1/10W 5.1K	1	
R7001	ERJ6GMJ103	M.RESISTOR CH 1/10W 10K	1	
R7002	ERJ6GMJ181	M.RESISTOR CH 1/10W 180	1	
R7004,05	ERJ6GMJ151	M.RESISTOR CH 1/10W 150	2	
R7006,07	ERJ6GMJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7009,10	ERJ6GMJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7011	ERJ6GMJ102	M.RESISTOR CH 1/10W 1K	1	
R7013,14	ERJ6GMJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7018,19	ERJ6GMJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7024-26	ERJ6GMJ221	M.RESISTOR CH 1/10W 220	3	
R7034	ERJ6GMJ101	M.RESISTOR CH 1/10W 100	1	
R7035	ERJ6GZOR00	M.RESISTOR CH 1/10W 0	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	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
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	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7322	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7323	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7324,25	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	2	
R7329	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7330	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	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	
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	
R7351-53	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R7354,55	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R7656	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7676	ER1S1J52	M.RESISTOR 1W 1.5K	1	
R8001,02	ERJ6GMJ223	M.RESISTOR CH 1/10W 22K	2	
R8003	ERJ6GMJ222	M.RESISTOR CH 1/10W 2.2K	1	
T703	EIV5E0057A	TRANSFORMER	1	
T704	EIV5E006A1	TRANSFORMER	1	
T4001	VLTO695	TRANSFORMER	1	
T7301	EIR7Q001B	TRANSFORMER	1	
T7302,03	EIL7QH012Q	TRANSFORMER	2	
T7304	EIS5E007A	TRANSFORMER	1	
T7305	EIS5E005A	TRANSFORMER	1	
VR701,02	EVMEASA00B53	V.RESISTOR	5K	2
VR741	EVNCBAA00B14	V.RESISTOR	10K	1
VR801,02	EVTEASA00B13	V.RESISTOR	1K	2
VR803	EVNCBAA00B14	V.RESISTOR	10K	1
VR2001	EVNDXAA00B54	V.RESISTOR	50K	1
VR2006	EVNDXAA00B15	V.RESISTOR	100K	1
VR2011	EVNDXAA00B15	V.RESISTOR	100K	1
VR2018,19	EVNDXAA00B15	V.RESISTOR	100K	2
VR3001	EVNDXAA00B23	V.RESISTOR	2K	1
VR3012,13	EVNDXAA00B52	V.RESISTOR	500	2
VR4001	EVNDXAA00B25	V.RESISTOR	200K	1
VR4501	EVMECSA00B53	V.RESISTOR	5K	1
VR4502	EVMEASA00B24	V.RESISTOR	20K	1
VR4507	EVMEASA00B24	V.RESISTOR	20K	1
VR4509	EVMECSA00B53	V.RESISTOR		1
VR4512	EVNCBAA00B52	V.RESISTOR	500	1
VR4550	EVMECSA00B53	V.RESISTOR		1
VR4551,52	EVMEASA00B55	V.RESISTOR	500K	2
VR7301	EVMEASA00B14	V.RESISTOR	10K	1
VR7326	EVMEASA00B52	V.RESISTOR	500	1
VR7328	EVMEASA00B52	V.RESISTOR	500	1
VR7340	EVNCBAA00B14	V.RESISTOR	10K	1
VR7342	EVNCBAA00B53	V.RESISTOR	5K	1
VR7344	EVNCBAA00B14	V.RESISTOR	10K	1
VR8001	EVNDXAA00B23	V.RESISTOR	2K	1
X710	EPCH38M0Q1	CRYSTAL OSCILLATOR		1
X713	EPCS5R5M05	CRYSTAL OSCILLATOR		1
X801	VSX0162	CRYSTAL OSCILLATOR		1
X6001	VSX0479	CRYSTAL OSCILLATOR		1
X7001	VSQ0565	CRYSTAL OSCILLATOR		1

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
X7301,02	EPCS5R5MS5B	CRYSTAL OSCILLATOR	2		C809	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
X7303,04	EPCS5R74MS5B	CRYSTAL OSCILLATOR	2		C812	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
X7305	ELB5A016	CRYSTAL OSCILLATOR	1		C814	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
		MISCELLANEOUS			C815	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
	VEE8276	WIRE CABLE	1	(P4011-P7702)	C816	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
	VEE8356	WIRE CABLE	1	(P6005-P6501,P4013)	C817	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
	VEE8278	WIRE CABLE	1	(P2002-P1506)	C818	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
	VEE8279	WIRE CABLE	1	(P2001-P2902)	C819	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
	VEE8280	WIRE CABLE	1	(P4002-P1509)	C820-25	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	6	
	VEE8451	WIRE CABLE	1	(P1001,3-P1102)	C826	ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
	VWJ06882	FLAT CARD CABLE	1	(P3001-P501)	C827	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
	VWJ06883	FLAT CARD CABLE	1	(P2003-P1507)	C828	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
	VWJ00B7	FLAT CARD CABLE	1	(P6001-P1505)	C829	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
	VWJ0750B	FLAT CARD CABLE	1	(P7401-P7501)	C830	ECEA1HK0R1	E.CAPACITOR 50V 0.1U	1	
	VWJ0751	FLAT CARD CABLE	1	(P7402-P7502)	C831	ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
	VJF1056	HARNES LIFTER	1		C832	ECUM1H331JCN	C.CAPACITOR CH 50V 330P	1	
	VJF0004	WIRE SUDDLE	1		C838	ECUM1H1042FN	C.CAPACITOR CH 50V 0.1U	1	
	ENV578B5H6	TUNER	1	(!>FOR TV DEMODU.	C839	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
	VSC3242	SHIELD COVER (MAIN)	1	FOR TV DEMODULATOR	C841	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
	VSC3241	SHIELD COVER (TOP)	1	FOR TV DEMODULATOR	C842	ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
					C843	ECUM1H1042FN	C.CAPACITOR CH 50V 0.1U	1	
					C845	ECEA1HK010	E.CAPACITOR 50V 1U	1	
					C846	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
					C849	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
					C881	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
	VEP03977Q	MAIN C.B.A.		(RTL)NV-HD100EE	C882	ECEA1CK330	E.CAPACITOR 16V 33U	1	
				INCLUDING THE TV	C883	ECEA1AK470	E.CAPACITOR 10V 47U	1	
				DEMOMELATOR PACK	C884	ECQV1H563JZ	P.CAPACITOR 50V 0.066U	1	
C305	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	C.B.A. (VEP07645X).	C885	ECEA1CK330	E.CAPACITOR 16V 33U	1	
C306,07	ECUM1H1042FN	C.CAPACITOR CH 50V 0.1U	2	LUMINANCE &	C886	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C308	ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	CHROMINANCE PACK	C887	ECUM1C1052FN	C.CAPACITOR CH 16V 1M	1	
C309	ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	1	C.B.A. (VEP03975Y).	C888	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C310	ECEA1CK220	E.CAPACITOR 16V 22U	1	HI-FI AUDIO PACK	C1001	ECA1EM101	E.CAPACITOR 25V 100U	1	
C311	ECEA0JK101	E.CAPACITOR 6.3V 100U	1	C.B.A. (VEP04361R).	C1002	ECEA1CK330	E.CAPACITOR 16V 33U	1	
C312	ECUM1H1042FN	C.CAPACITOR CH 50V 0.1U	1	NICAM DECODER PACK	C1003	ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C313,14	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	2	C.B.A. (VEP07675C).	C1004	ECA0JM471	E.CAPACITOR 6.3V 470U	1	
C315	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1		C1005	ECEA1AP2221	E.CAPACITOR 10V 220U	1	
C319	ECEA0JK101	E.CAPACITOR 6.3V 100U	1		C2001-03	ECUM1H1042FN	C.CAPACITOR CH 50V 0.1U	3	
C320	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1		C2004-06	ECEA1CK470	E.CAPACITOR 16V 47U	3	
C701	ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1		C2007	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C702	ECEA1CK100	E.CAPACITOR 16V 10U	1		C2008	ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C703	ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1		C2009	ECEA1HKR22	E.CAPACITOR 50V 0.22U	1	
C705	ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1		C2010,11	VCUV1H333KBN	C.CAPACITOR 50V 0.033U	2	
C706	ECUM1H1042FN	C.CAPACITOR CH 50V 0.1U	1		C2012	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C708	ECEA1CK330	E.CAPACITOR 16V 33U	1		C2013	ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C709	ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1		C2014	ECA1CM101	E.CAPACITOR 16V 100U	1	
C710	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1		C2015-18	VCUV1H333KBN	C.CAPACITOR 50V 0.033U	4	
C715-20	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	6		C2019-21	ECEA1HK2R2	E.CAPACITOR 50V 2.2U	3	
C721	ECEA1HKR27K	E.CAPACITOR 50V 0.27U	1		C2027	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C722	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1		C2028	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C723	ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1		C2029	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C725	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1		C2030	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C728	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1		C2031	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C730	ECEA1CK100	E.CAPACITOR 16V 10U	1		C2032	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C731	ECEA1CKS100	E.CAPACITOR 16V 10U	1		C2033	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C734	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1		C2034	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C739	ECEA1HK010	E.CAPACITOR 50V 1U	1		C2035	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C740	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1		C2036	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C741	ECEA1CK100	E.CAPACITOR 16V 10U	1		C2037	ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C742	ECUM1H030CCN	C.CAPACITOR CH 50V 3P	1		C2038	ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C743	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1		C2039	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C744	ECEA1HKR47	E.CAPACITOR 50V 0.47U	1		C2040	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C745	ECUM1H680JFN	C.CAPACITOR CH 50V 68P	1		C2041,42	ECUM1C1052FN	C.CAPACITOR CH 16V 1U	2	
C746	ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1		C2043	ECUM1H392KBN	C.CAPACITOR CH 50V 3900P	1	
C748	ECEA1CK100	E.CAPACITOR 16V 10U	1		C2044	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C781	ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1		C2045	ECUM1H1042FN	C.CAPACITOR CH 50V 0.1U	1	
C782	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1		C2046	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C797-99	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	3		C2047	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C801	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1		C2048	ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C802	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1		C2049	ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C803,04	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	2		C2050	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C805	ECEA0JK221	C.CAPACITOR 6.3V 220	1		C2051	ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C806	ECUM1H1042FN	C.CAPACITOR CH 50V 0.1U	1		C2052	ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C807	ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1		C2053	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C808	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1		C2055	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2056	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C3002,03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C3004	ECEAOJK470	E. CAPACITOR 6.3V 47U	1	
C3008	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C3009	ECUM1C1052FN	C. CAPACITOR CH 50V 1U	1	
C3011	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C3012	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C3013	ECEAOJK221	C. CAPACITOR 6.3V 220	1	
C3014	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C3015	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
C3016	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C3018	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C3020	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C3021	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3022	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C3023	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3024	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3026	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C3027	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3028	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3030	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C3031	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C3032	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3033	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C3034	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C3035	ECEAOJK470	E. CAPACITOR 6.3V 47U	1	
C3038	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C3040	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C3043	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C3047	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C3048	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4001	ECAOJM471	E. CAPACITOR 6.3V 470U	1	
C4002,03	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	2	
C4004	ECEA1CP2101	E. CAPACITOR 16V 100U	1	
C4005	ECUM1C2242FN	C. CAPACITOR CH 16V 0.22U	1	
C4006	ECEA1CK100	E. CAPACITOR 16V 10U	1	
C4007	ECEA1CP2101	E. CAPACITOR 16V 100U	1	
C4008	ECUM1C2242FN	C. CAPACITOR CH 16V 0.22U	1	
C4009	ECEA1CK100	E. CAPACITOR 16V 10U	1	
C4010	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C4011	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4012	ECQB1H103KZ	P. CAPACITOR 50V 0.01U	1	
C4013	ECQP1222JZ	P. CAPACITOR 0.0022U	1	
C4014	ECRD2H331K	C. CAPACITOR 500V 330P	1	
C4015	ECQB1H102KZ	P. CAPACITOR 50V 1000P	1	
C4016	ECEA16M33	E. CAPACITOR 16V 33U	1	
C4020	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4021	ECUM1H6832FN	C. CAPACITOR CH 50V 0.068U	1	
C4022	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C4023	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C4025	ECEA1HK010	E. CAPACITOR 50V 1U	1	
C4026	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C4027	ECEAOJK220	E. CAPACITOR 6.3V 22U	1	
C4503	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C4504,05	ECEA1CP2470	E. CAPACITOR 16V 47U	2	
C4506	VCEA1CAH100	E. CAPACITOR 16V 10U	1	
C4507	ECQB1H223JA	P. CAPACITOR 50V 0.022U	1	
C4508	ECEA1EB24R7	E. CAPACITOR 25V 4.7U	1	
C4509	ECEA1AP2470	E. CAPACITOR 10V 47U	1	
C4510	ECQB1H103JA	P. CAPACITOR 50V 0.01U	1	
C4511	ECQB1H332JA	P. CAPACITOR 50V 3300P	1	
C4512	ECUX1H561JV	C. CAPACITOR CH 50V 560P	1	
C4513	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C4514	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4515	VCEA1EAH4R7	E. CAPACITOR 25V 4.7U	1	
C4517	ECEA1AP2101	E. CAPACITOR 10V 100U	1	
C4518	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C4521	ECUM1C473KBV	C. CAPACITOR CH 16V 0.047U	1	
C4522	VCEA1HAH3R3	E. CAPACITOR 50V 3.3U	1	
C4524	VCEA1AA101	E. CAPACITOR 10V 100U	1	
C4528	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C4530	ECEAOJPK470	E. CAPACITOR 6.3V 47U	1	
C4533	ECEA1CP2330	E. CAPACITOR 16V 33U	1	
C4537	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4538	ECEA1HUR47	E. CAPACITOR 50V 0.47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4539	ECUM1C2242FN	C. CAPACITOR CH 16V 0.22U	1	
C4541	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C4545	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C4556	VCEA1CAH100	E. CAPACITOR 16V 10U	1	
C4557	ECQB1H223JA	P. CAPACITOR 50V 0.022U	1	
C4558	ECEA1EB24R7	E. CAPACITOR 25V 4.7U	1	
C4559	ECEA1AP2470	E. CAPACITOR 10V 47U	1	
C4560	ECQB1H103JA	P. CAPACITOR 50V 0.01U	1	
C4561	ECQB1H332JA	P. CAPACITOR 50V 3300P	1	
C4562	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4563	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C4564	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4565	VCEA1EAH4R7	E. CAPACITOR 25V 4.7U	1	
C4567	ECEA1AP2101	E. CAPACITOR 10V 100U	1	
C4568	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C4572	VCEA1HAH3R3	E. CAPACITOR 50V 3.3U	1	
C4576	ECUM1E473KBN	C. CAPACITOR CH 25V 0.047U	1	
C4583	ECEA1CP2330	E. CAPACITOR 16V 33U	1	
C4585,86	ECEA1AP2101	E. CAPACITOR 10V 100U	2	
C4591	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C4592	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C4604	ECUM1H182JCN	C. CAPACITOR CH 50V 1800P	1	
C4606	VCEAOJAC470	E. CAPACITOR 6.3V 47U	1	
C4611	ECQB1H103JH	P. CAPACITOR 50V 0.01U	1	
C4613	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C4616	ECUX1H1022FV	C. CAPACITOR CH 50V 1000P	1	
C4617	ECEA1OM22	E. CAPACITOR 10V 22U	1	
C4618	ECQB1H822JH	P. CAPACITOR 50V 8200P	1	
C4619	ECEA1APB100	E. CAPACITOR 10V 10U	1	
C4621	ECEAOJPK101	E. CAPACITOR 6.3V 100U	1	
C4629	ECQB1H103JZ	P. CAPACITOR 50V 0.01U	1	
C4636	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C4638	ECQB1H822JH	P. CAPACITOR 50V 8200P	1	
C4651	ECQB1H333JA	P. CAPACITOR 50V 0.033U	1	
C4652,53	ECUM1C1052FN	C. CAPACITOR CH 16V 0.001U	2	
C6001	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C6002	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C6003	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C6004	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C6005	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C6006	ECUM1H332KBN	C. CAPACITOR CH 50V 3300P	1	
C6007	ECEAOJK220	E. CAPACITOR 6.3V 22U	1	
C6008,09	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	2	
C6010	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C6011	ECEAOJK220	E. CAPACITOR 6.3V 22U	1	
C6012	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C6013	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C6014,15	ECUM1H271JCN	C. CAPACITOR CH 50V 270P	2	
C6016,17	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	2	
C6018	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C6019	ECEAOJK330	E. CAPACITOR 6.3V 33U	1	
C6020	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C6021	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C7002,03	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	2	
C7005	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C7006	ECEA1CK100	E. CAPACITOR 16V 10U	1	
C7007,08	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	2	
C7009	ECEAOJK470	E. CAPACITOR 6.3V 47U	1	
C7010	ECEAOJK101	E. CAPACITOR 6.3V 100U	1	
C7011	EBCSSR5T224	E. CAPACITOR 5.5V 0.22U	1	
C7012	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C7013	ECEAOJK221	C. CAPACITOR 6.3V 220	1	
C7017	ECEA1ASN100	E. CAPACITOR 10V 10U	1	
C7018-20	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	3	
C7023	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	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	ECQB1H102KZ	P. CAPACITOR 50V 1000P	1	
C7307	ECQB1H822KZ	P. CAPACITOR 50V 8200P	1	
C7308	ECQB1H102KZ	P. CAPACITOR 50V 1000P	1	
C7309	ECQB1H152JH	P. CAPACITOR 50V 1500P	1	
C7310	ECEA16M10	E. CAPACITOR 16V	1	
C7311	ECEA50MR47	E. CAPACITOR 50V 0.47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7312	ECQV1H224JZ	P. CAPACITOR 50V 0.22U	1		D4504	MA151H	DIODE	1	
C7313	ECQV1H104JZ	P. CAPACITOR 50V 0.1U	1		D4602	MA151K	DIODE	1	
C7314	ECQV1H224JZ	P. CAPACITOR 50V 0.22U	1		D6001-05	1SS254	DIODE	5	
C7315	ECQV1H104JZ	P. CAPACITOR 50V 0.1U	1		D6007	1SS254	DIODE	1	
C7316	ECQV1H224JZ	P. CAPACITOR 50V 0.22U	1		D6008_09	MA723VT	DIODE	2	
C7317	ECEA1CK101	E. CAPACITOR 16V 100U	1		D6011	1SS254	DIODE	1	
C7318	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		D6012	SV03YS	DIODE	1	
C7319	ECEA1CK470	E. CAPACITOR 16V 47U	1		D7001-04	MA723VT	DIODE	4	
C7320, 21	ECEA1CK100	E. CAPACITOR 16V 10U	2		D7005	1SS254	DIODE	1	
C7323, 24	ECQV1H393JZ	P. CAPACITOR 50V 0.039U	2		D7007	1SS254	DIODE	1	
C7331	ECQV1H474JZ	P. CAPACITOR 50V 0.47U	1		D7009	MA151WK	DIODE	1	
C7332, 33	ECUM1H102ZFN	C. CAPACITOR CH 50V 1000P	2		D7303	MA28WA	DIODE	1	
C7334	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		D7304	MA3100L	DIODE	1	
C7335	ECEA1CK470	E. CAPACITOR 16V 47U	1		D7601	MA151A	DIODE	1	
C7336	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		D7602	MA3082M	DIODE	1	
C7337	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1						
C7339	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1						
C7341	ECUM1H070DCN	C. CAPACITOR CH 50V 7P	1		DL801	VLD0198	DELAY	1	
C7342	ECQV1H823JZ	P. CAPACITOR 50V 0.082U	1		DL802	EPDUM124A13N	DELAY	1	
C7343	ECEA1CK100	E. CAPACITOR 16V 10U	1						
C7345	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1						
C7347	ECUM1H070DCN	C. CAPACITOR CH 50V 7P	1		FL881	VLF0143	FILTER	1	
C7348	ECQV1H393JZ	P. CAPACITOR 50V 0.039U	1		FL4501	VLF0947M	FILTER	1	
C7349, 50	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	2						
C7351, 52	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2						
C7353	ECEA1CK470	E. CAPACITOR 16V 47U	1		IC301	VEFH29D	IC	1	
C7354	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		IC701	M51366SP	IC	1	
C7355	ECEA1CK470	E. CAPACITOR 16V 47U	1		IC802	M52352FP	IC	1	
C7356, 57	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2		IC881	BA7025L	IC	1	
C7358	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1		IC2001	BA6219B	IC	1	
C7359	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1		IC2002	AN3727S	IC	1	
C7651	ECEA1CKN100	E. CAPACITOR 16V 10U	1		IC2003	XRA6439P	IC	1	
C7653	ECQB1H392JH	P. CAPACITOR 50V 3900P	1		IC2005	UPC358G2	IC	1	
C7654	ECQB1H103JH	P. CAPACITOR 50V 0.01U	1		IC4501	XLH7773KS	IC	1	
C7655, 56	ECEA1HK010	E. CAPACITOR 50V 1U	2		IC4601	BA7755AF	IC	1	
C7657	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		IC6001	MN67434VURSA	IC	1	
C7658	ECQP1562JZ	P. CAPACITOR 100V 5600P	1		IC6009	UPC358G2	IC	1	
C7659	ECQB1H272JH	P. CAPACITOR 50V 2700P	1		IC7001	M66006FP	IC	1	
C7661	ECQV1H104JZ	P. CAPACITOR 50V 0.1U	1		IC7301	TDA3803A	IC	1	
C7662	ECQV1H683JZ	P. CAPACITOR 50V 0.068U	1		IC7302	TA8721SN	IC	1	
C7663	ECQV1H823JZ	P. CAPACITOR 50V 0.082U	1		IC7303	LA7975	IC	1	
C7664	ECQB1H273JH	P. CAPACITOR 50V 0.027U	1		IC7651	AN5421N	IC	1	
C7665, 66	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2		IC7652	AN5043	IC	1	
C7667	ECEA1HKR100	E. CAPACITOR 50V 10U	1		IC7653	MN4066BS	IC	1	
C7670, 71	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2						
C7673	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		L303	ELESQ220KA	COIL	22UH	1
C7675	ECEA1HKNO10	E. CAPACITOR 50V 1U	1		L304	ELESQ101KA	COIL	100UH	1
C7676, 77	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2		L305	ELESPI21JA	COIL		1
C7678	ECEA1CK100	E. CAPACITOR 16V 10U	1		L306	ELESQ390KA	COIL	39UH	1
C7679	ECEA1HKNO10	E. CAPACITOR 50V 1U	1		L701, 02	ELESQ680KA	COIL	68UH	2
C7680	ECEA1HK010	E. CAPACITOR 50V 1U	1		L711	ELQT1R2KB	COIL	1.2UH	1
C7681	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		L713	VLQ0305JRB2	COIL	0.82UH	1
C8001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		L714	VLQ0305J1R2	COIL	1.2UH	1
					L715	VLQ0213K680	COIL	68UH	1
D302	1SS283	DIODE	1		L717, 18	ELESQ680KA	COIL	68UH	2
D303	MA151A	DIODE	1		L719	ELESQ5R6KA	COIL	5.6UH	1
D304	1SS254	DIODE	1		L720	ELESQ680KA	COIL	68UH	1
D710	MA3100L	DIODE	1		L781	ELESQ680KA	COIL		1
D773	MA151K	DIODE	1		L801, 02	VLQ0540K150	COIL		2
D801, 02	1SS254	DIODE	2		L803	ELESQ5R6KA	COIL	5.6UH	1
D804	1SS254	DIODE	1		L804	ELESQ101KA	COIL	100UH	1
D1001-03	11ES1	DIODE	3		L805	ELESQ270KA	COIL	27UH	1
D1004	MA723VT	DIODE	1		L807, 08	VLQ0540J150	COIL	15UH	2
D2001	MA723VT	DIODE	1		L809	ELESQ101KA	COIL	100UH	1
D2003	1SS254	DIODE	1		L811, 12	ELESQ101KA	COIL	100UH	2
D2005-08	1SS254	DIODE	4		L881	ELESE101KA	COIL	100UH	1
D3001	1SS254	DIODE	1		L1001	VLPO074	COIL		1
D3002	11EQS04	DIODE	1		L2001	VLPO083	COIL		1
D3007	1SS254	DIODE	1		L2002	VLQ0188J330	COIL	33UH	1
D3008	MA221	DIODE	1		L2003	ELESQ102KA	COIL	100UH	1
D4001, 02	1SS254	DIODE	2		L2004	ELESQ101KA	COIL	100UH	1
D4003	MA151WK	DIODE	1		L2005	VLPO074	COIL		1
D4501, 02	MA151H	DIODE	2		L2006	VLQ0188J330	COIL	33UH	1
D4503	MA151K	DIODE	1		L3004	VLQ0188J330	COIL	33UH	1

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L3005	ELESQ270JA	COIL 27UH	1						
L3007	ELESQ6R8JA	COIL 6.8UH	1						
L3008	ELESQ5R6JA	COIL 5.6UH	1						
L3009	ELESQ120JA	COIL 12UH	1						
L3010	ELESQ101JA	COIL 100UH	1						
L3011	VLQ0188J330	COIL 33UH	1						
L3012	ELESQ151KA	COIL 150UH	1						
L3013	ELESQ820JA	COIL 82UH	1						
L4001,02	VLQEL06F101K	COIL 100UH	2						
L4003	ELESQ471KA	COIL 470UH	1						
L4004	VLQ0188J330	COIL 33UH	1						
L4501,02	ELESQ101KA	COIL 100UH	2						
L4601	VLQEL07F153J	COIL	1						
L6001	VLPO074	COIL	1						
L7001,02	ELESQ1R0KA	COIL 1UH	2						
L7003	VLQ0188J330	COIL 33UH	1						
L7004	VLQ0540J330	COIL 33UH	1						
L7007	VLQ0540J330	COIL 33UH	1						
L7010	VLQEL06F101K	COIL 100UH	1						
L7012	VLQ0555	COIL	1						
L7301	ELESQ102KA	COIL 1000UH	1						
L7302	ELESQ100KA	COIL 10UH	1						
P1001	VJP1144	CONNECTOR (MALE) 5P	1						
P1001	VJS1144	CONNECTOR (FEMALE)	1						
P1003	VJP1232T	CONNECTOR (MALE) 5P	1						
P1003	VJS1232	CONNECTOR (FEMALE)	1						
P1102	VJS1237T	CONNECTOR (FEMALE)	1						
P1506	VJS1736	CONNECTOR (FEMALE)	1						
P1509	VJS1141	CONNECTOR (FEMALE)	1						
P2001	VJP1232T	CONNECTOR (MALE) 5P	1						
P2001	VJS1738	CONNECTOR (FEMALE)	1						
P2002	VJP1230T	CONNECTOR (MALE) 3P	1						
P2002	VJS1736	CONNECTOR (FEMALE)	1						
P2003	VJS193A015A	CONNECTOR (FEMALE)	1						
P2902	VJS1738	CONNECTOR (FEMALE)	1						
P3001	VJS193A020A	CONNECTOR (FEMALE)	1						
P4002	VJP1230T	CONNECTOR (MALE) 3P	1						
P4002	VJS1230	CONNECTOR (FEMALE)	1						
P4003	VJS2331	CONNECTOR (FEMALE)	1						
P4011	VJP1231T	CONNECTOR (MALE) 4P	1						
P4011	VJS1737	CONNECTOR (FEMALE)	1						
P6001	VJS193A013A	CONNECTOR (FEMALE) 13P	1						
P6002	VJP1242T	CONNECTOR (MALE) 2P	1						
P6005	VJP1239T	CONNECTOR (MALE) 12P	1						
P6005	VJS1745T	CONNECTOR (FEMALE)	1						
P6501	VJS1745T	CONNECTOR (FEMALE)	1						
P7401	VJS193A012A	CONNECTOR (FEMALE) 12P	1						
P7402	VJS193A024A	CONNECTOR (FEMALE) 24P	1						
P7702	VJS1737	CONNECTOR (FEMALE)	1						
PK881	VJRO456	PACK PIN	1						
PP3001	VJP3044G009W	CONNECTOR (MALE) 9P	1						
PP3002	VJP3044G012W	CONNECTOR (MALE) 12P	1						
PP3003	VJP3044G006W	CONNECTOR (MALE) 6P	1						
PP3005	VJP3042A016W	CONNECTOR (MALE) 16P	1						
PP3006	VJP3042A017W	CONNECTOR (MALE) 17P	1						
PP4001-03	VJP3186A018	CONNECTOR (MALE) 18P	3						
PP7401-03	VJP3043A005W	CONNECTOR (MALE) 5P	3						
PP7404	VJP3043A006W	CONNECTOR (MALE) 6P	1						
PP7405	VJP3043A004W	CONNECTOR (MALE) 4P	1						
PS301	VJS3044F009W	CONNECTOR (FEMALE) 9P	1						
PS302	VJS3044F012W	CONNECTOR (FEMALE) 12P	1						
PS303	VJS3044F006W	CONNECTOR (FEMALE) 6P	1						
PS701-03	VJS3043B005W	CONNECTOR (FEMALE) 5P	3						
PS704	VJS3043B006W	CONNECTOR (FEMALE) 6P	1						
PS4001-03	VJS3186B018	CONNECTOR (FEMALE) 18P	3						
PS7301,02	VJRO477	PACK PIN	2						
Q703	MSD601-S	TRANSISTOR	1						
Q710	2SC1047	TRANSISTOR	1						
Q712	2SC1317	TRANSISTOR	1						
Q771,72	MSD601-S	TRANSISTOR	2						
Q801	MSC2295	TRANSISTOR	1						
Q802	MSD601	TRANSISTOR	1						
Q808	MSB709	TRANSISTOR	1						
Q2001	MSB709	TRANSISTOR	1						
Q3001	MSB709	TRANSISTOR	1						
Q3002	MSC2295	TRANSISTOR	1						
Q3003	MSB709	TRANSISTOR	1						
Q3004	MSC2295	TRANSISTOR	1						
Q3006	MSC2295	TRANSISTOR	1						
Q3007	MSD601	TRANSISTOR	1						
Q3009	MSD601	TRANSISTOR	1						
Q3010	2SB710	TRANSISTOR	1						
Q4001	2SB710	TRANSISTOR	1						
Q4002	2SB1321	TRANSISTOR	1						
Q4003	2SD602A	TRANSISTOR	1						
Q4004,05	MSD601	TRANSISTOR	2						
Q4006	MSB709	TRANSISTOR	1						
Q4007	2SB1378	TRANSISTOR	1						
Q4008	2SB1321	TRANSISTOR	1						
Q4009	MSD601	TRANSISTOR	1						
Q4501	2SD655	TRANSISTOR	1						
Q4551	2SB561	TRANSISTOR	1						
Q4601	MSD1328	TRANSISTOR	1						
Q6001	MSD601	TRANSISTOR	1						
Q6002	2SD1991A	TRANSISTOR	1						
Q6003	MSB709	TRANSISTOR	1						
Q6004	2SD655	TRANSISTOR	1						
Q6005	MSD601	TRANSISTOR	1						
Q6006	MSB709	TRANSISTOR	1						
Q7301	MSD601	TRANSISTOR	1						
Q7304,05	MSD601	TRANSISTOR	2						
Q7306	2SC2404	TRANSISTOR	1						
Q7307	2SD1328	TRANSISTOR	1						
Q8001	MSD601	TRANSISTOR	1						
QR303	MRN2404	TRANSISTOR-RESISTOR	1						
QR306	MRN1404	TRANSISTOR-RESISTOR	1						
QR701,02	MRN1404	TRANSISTOR-RESISTOR	2						
QR711,12	MRN1403	TRANSISTOR-RESISTOR	2						
QR713	MRN1402	TRANSISTOR-RESISTOR	1						
QR804	MRN2404	TRANSISTOR-RESISTOR	1						
QR805	MRN1404	TRANSISTOR-RESISTOR	1						
QR1001	XN1211	TRANSISTOR-RESISTOR	1						
QR2001	XN1213	TRANSISTOR-RESISTOR	1						
QR2002	MRN2404	TRANSISTOR-RESISTOR	1						
QR3001	MRN2402	TRANSISTOR-RESISTOR	1						
QR3002	DTC363EK	TRANSISTOR-RESISTOR	1						
QR3006	MRN2402	TRANSISTOR-RESISTOR	1						
QR3007	DTC363EK	TRANSISTOR-RESISTOR	1						
QR4001	DTC363EK	TRANSISTOR-RESISTOR	1						
QR4002	XN1111	TRANSISTOR-RESISTOR	1						
QR4005	MRN1403	TRANSISTOR-RESISTOR	1						
QR4006	DTC363EK	TRANSISTOR-RESISTOR	1						
QR4007	MRN1404	TRANSISTOR-RESISTOR	1						
QR4508,09	MRN2404	TRANSISTOR-RESISTOR	2						
QR4510	MRN1403	TRANSISTOR-RESISTOR	1						
QR4602	MRN2402	TRANSISTOR-RESISTOR	1						
QR4603	MRN1404	TRANSISTOR-RESISTOR	1						
QR6003	XN1211	TRANSISTOR-RESISTOR	1						
QR6004	UN2114	TRANSISTOR-RESISTOR	1						
QR6005	MRN1404	TRANSISTOR-RESISTOR	1						
QR6007	XN1213	TRANSISTOR-RESISTOR	1						
QR6010,11	MRN1404	TRANSISTOR-RESISTOR	2						
QR7001	MRN1402	TRANSISTOR-RESISTOR	1						
QR7005	MRN1403	TRANSISTOR-RESISTOR	1						
QR7006	MRN2402	TRANSISTOR-RESISTOR	1						
QR7301,02	MRN1404	TRANSISTOR-RESISTOR	2						
QR7312-14	MRN1402	TRANSISTOR-RESISTOR	3						
QR7315,16	MRN1404	TRANSISTOR-RESISTOR	2						

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR7317	XN1213	TRANSISTOR-RESISTOR	1		R849	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
QR7601	MRN1404	TRANSISTOR-RESISTOR	1		R850	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
					R853	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
					R855	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R304	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1		R856	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R307	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1		R857	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R308	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1		R859	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R310	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1		R881	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R312	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1		R882	ERJ6GMYJ390	M.RESISTOR CH 1/10W 39	1	
R315	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1		R883	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R316	ERJ6GMYJ472	M.RESISTOR CH 1/10W 3.9K	1		R884	ERJ6GMYJ222	M.RESISTOR CH 1/10W 22K	1	
R318,19	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2		R885	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R322	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1		R886	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R327	ERJ6GEYK125	M.RESISTOR CH 1/10W 1.2M	1		R1001	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R712	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1		R2001	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R713	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1		R2002	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R714	ERD2FCG330	C.RESISTOR 2W 33	1		R2003	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R715	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1		R2004	ERJ12SJ561	M.RESISTOR 1/2W 560	1	
R716	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1		R2005	ERJ6GMYG821	M.RESISTOR CH 1/10W 820	1	
R717	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1		R2006	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R718	ERJ6GEYJ754	M.RESISTOR CH 1/10W 750K	1		R2007	ERJ6GMYG432	M.RESISTOR CH 1/10W 4.3K	1	
R719	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1		R2008	ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R720	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1		R2012	ERJ6GMYJ684	M.RESISTOR CH 1/10W 680K	1	
R721,22	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	2		R2013	ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R723	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1		R2014	ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R724	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1		R2015	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R725	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1		R2016	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R726	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1		R2017	EROS2CKG6800	M.RESISTOR 1/4W 680	1	
R727	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1		R2018	ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R728	ERDS2TJ471	C.RESISTOR 1/4W 470	1		R2019-21	ERDS2TJ560	C.RESISTOR 1/4W 56	3	
R737	ERJ6GEYJ274	M.RESISTOR CH 1/10W 270K	1		R2022	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R738	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1		R2023	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R740	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1		R2024	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R743	ERJ6GEYJ470	M.RESISTOR CH 1/10W 47	1		R2030	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R744	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1		R2031	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R745	ERJ6GEYJ121	M.RESISTOR CH 1/10W 120	1		R2032	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R746	ERDS2TJ181	C.RESISTOR 1/4W 180	1		R2034	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R750	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1		R2035,36	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R751	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1		R2037	ERJ6GMYJ244	M.RESISTOR CH 1/10W 240K	1	
R756	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1		R2038	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R758	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1		R2039	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R772	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1		R2040,41	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R773	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1		R2042	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R774	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1		R2043	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R781	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1		R2044	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R782	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1		R2045	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R792	ERDS2TJ120	C.RESISTOR 1/4W 12	1		R2046	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R795	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1		R2047,48	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R799	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1		R2049	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R801	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1		R2050	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R802,03	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	2		R2051	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R804,05	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2		R2052	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R806	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1		R2053,54	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R807	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1		R2055	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R813	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1		R2056	ERX1SJR8	M.RESISTOR 1W 1.8	1	
R814	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1		R2057	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R815	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1		R2058	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R816	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1		R3001	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R817	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1		R3002	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R818	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1		R3003	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R819	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1		R3004	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R820,21	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	2		R3005	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R823,24	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2		R3006	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R825	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1		R3007	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R827	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1		R3014	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R828	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1		R3018	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R829	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1		R3019	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R830	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1		R3021	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R831	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1		R3023	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R832	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1		R3024	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R833	ERJ6GMYJ204	M.RESISTOR CH 1/10W 200K	1		R3025	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R834	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1		R3027	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R835	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1		R3028	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R836	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1		R3029	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R848	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1		R3031	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3032	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R3033	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3034	ERJ6GMYJ102	M.RESISTOR CH 1/10W 10K	1	
R3035	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3037	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3038	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3039	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3040, 41	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R3042	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3043	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3048, 49	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	2	
R4001	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4002	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R4004	ERJ6GMYG273	M.RESISTOR CH 1/10W 27K	1	
R4005	ERJ6GMYG823	M.RESISTOR CH 1/10W 82K	1	
R4006	ERJ6GMYG683	M.RESISTOR CH 1/10W 68K	1	
R4007	ERJ6GMYG100	M.RESISTOR CH 1/10W 10	1	
R4008, 09	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R4010	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4011	ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R4013	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4014	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4015	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4016	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4017	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4018	ERDS2TJ273	C.RESISTOR 1/4W 27K	1	
R4019	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4020	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4022	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4024	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4025	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R4026	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4027	ERJ6GMYJ433	M.RESISTOR CH 1/10W 43K	1	
R4028	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4029	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4032	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4034	ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R4035, 36	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R4037	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4501, 02	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R4503	VRE0071E36C	M.RESISTOR	1	
R4504, 05	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	2	
R4506, 07	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R4508	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4509	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4510	ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R4511	ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4512	VRE0034E163	M.RESISTOR CH 1/10W 16K	1	
R4513	ERJ3GEYG103	M.RESISTOR CH 1/16W 10K	1	
R4514	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4518, 19	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	2	
R4522	ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R4527	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4528	VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R4529	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4530	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4534	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4535	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4539	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4540	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R4541	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4542	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4543	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R4551, 52	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R4553	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4554	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4558	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4561	ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4562	VRE0034E10C	M.RESISTOR	1	
R4563	ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	1	
R4568	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4569	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4572	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4573	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4577	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4578	VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
R4581	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4583	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4584	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4585	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R4586	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4587, 88	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R4591	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4592	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R4593	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4594	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4603	ERJ3GEYG183	M.RESISTOR CH 1/16W 18K	1	
R4606	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4610	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4611, 12	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	2	
R4613	ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R4615	ERJ6GEYJ133	M.RESISTOR CH 1/10W 13K	1	
R4616	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4638	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R4649	ERJ3GEYG470	M.RESISTOR CH 1/16W 47	1	
R4651	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R4653	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4654	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4655	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4656	ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	1	
R4657	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4659	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R4666	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R6001-04	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	4	
R6005-07	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	3	
R6009	ERJ6GMYG332	M.RESISTOR CH 1/10W 3.3K	1	
R6010	ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	1	
R6011	ERJ6GMYG112	M.RESISTOR CH 1/10W 1.1K	1	
R6012	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6013	EROS2CKG2000	M.RESISTOR 1/4W 200	1	
R6014, 15	ERJ6GMYG223	M.RESISTOR CH 1/10W 22K	2	
R6016	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6017	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6018	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6019	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6020	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6021	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6022	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6023, 24	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6025, 26	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	2	
R6027	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6028	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R6029	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6030	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6031	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6032, 33	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6034	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6035, 36	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R6037	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6038	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6039	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6043	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6044	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6045, 46	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R6050, 51	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	2	
R6052, 53	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6054	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6057	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6078	VRE0034E103	M.RESISTOR CH 1/10W 10K	1	
R6079	ERJ6GMYJ564	M.RESISTOR CH 1/10W 560K	1	
R6080	VRE0034E103	M.RESISTOR CH 1/10W 10K	1	
R6081	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	1	
R6082	VRE0034E512	M.RESISTOR CH 1/10W 5.1K	1	
R7001	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7002	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7004, 05	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	2	
R7006, 07	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7009, 10	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7011	ERJ6GMJ102	M.RESISTOR CH 1/10W 1K	1	
R7013,14	ERJ6GMJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7015,16	ERJ6GMJ221	M.RESISTOR CH 1/10W 220	2	
R7018,19	ERJ6GMJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7024-26	ERJ6GMJ221	M.RESISTOR CH 1/10W 220	3	
R7034	ERJ6GMJ101	M.RESISTOR CH 1/10W 100	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	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7322	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7323	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7324,25	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	2	
R7329	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7330	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7334-36	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	3	
R7337	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
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	
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	
R7351	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7352,53	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R7354,55	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R7356	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7357	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R7358,59	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R7651	ERDS2TJ332	C.RESISTOR 1/4W 3.3K	1	
R7654	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7655	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7656	ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	1	
R7657	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7658	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7659	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7661	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7662	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7663	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7664	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7671,72	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R7673	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7674	ERJ6GEYJ124	M.RESISTOR CH 1/10W 120K	1	
R7675	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7676	ERGS1J152	M.RESISTOR 1W 1.5K	1	
R7677	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7678	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R7679	ERDS2TJ100	C.RESISTOR 1/4W 10	1	
R7680	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7681,82	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R7683	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R7684	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7691	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7692	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7694	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7695	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7696	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R8001,02	ERJ6GMJ223	M.RESISTOR CH 1/10W 22K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R8003	ERJ6GMJ222	M.RESISTOR CH 1/10W 2.2K	1	
T703	EIV5ECO21A	TRANSFORMER	1	
T704	EIV5ECO20A	TRANSFORMER	1	
T881	ELM7Q207A	COIL	1	
T4001	VLTO695	TRANSFORMER	1	
T7301	EIR7QG001B	TRANSFORMER	1	
T7302,03	E1L7QH012Q	TRANSFORMER	2	
T7304	EIS5ECO23A	TRANSFORMER	1	
T7305	EIS5ECO24A	TRANSFORMER	1	
VR701,02	EVNCBAA00B23	V.RESISTOR	2	
VR741	EVNCBAA00B14	V.RESISTOR	1	
VR801,02	EVTEASA00B13	V.RESISTOR	2	
VR803	EVNCBAA00B14	V.RESISTOR	1	
VR2001	EVNDXAA00B54	V.RESISTOR 50K	1	
VR2006	EVNDXAA00B15	V.RESISTOR 100K	1	
VR2011	EVNDXAA00B15	V.RESISTOR 100K	1	
VR2018,19	EVNDXAA00B15	V.RESISTOR 100K	2	
VR3001	EVNDXAA00B23	V.RESISTOR	1	
VR3012,13	EVNDXAA00B52	V.RESISTOR 500	2	
VR4001	EVNDXAA00B25	V.RESISTOR 200K	1	
VR4501	EVMECSA00B53	V.RESISTOR	1	
VR4502	EVMEASA00B24	V.RESISTOR	1	
VR4507	EVMEASA00B24	V.RESISTOR	1	
VR4509	EVMECSA00B33	V.RESISTOR	1	
VR4550	EVMECSA00B53	V.RESISTOR	1	
VR4551,52	EVMEASA00B55	V.RESISTOR	2	
VR7301	EVMEASA00B14	V.RESISTOR	1	
VR7326	EVMEASA00B52	V.RESISTOR	1	
VR7328	EVMEASA00B52	V.RESISTOR	1	
VR7340	EVNCBAA00B14	V.RESISTOR	1	
VR7342	EVNCBAA00B53	V.RESISTOR	1	
VR7344	EVNCBAA00B14	V.RESISTOR	1	
VR7660	EVN3BCA00B23	V.RESISTOR 2K	1	
VR8001	EVNDXAA00B23		1	
X710	EFCH38MSP32	FILTER	1	
X711	EFCT3F0Z3B	CRYSTAL OSCILLATOR	1	
X801	VSK0162	CRYSTAL OSCILLATOR	1	
X6001	VSK0479	CRYSTAL OSCILLATOR	1	
X7001	VSK0565	CRYSTAL OSCILLATOR	1	
X7301	EFCT6ROY55R	CRYSTAL OSCILLATOR	1	
X7302	EFCS6ROY55R	CRYSTAL OSCILLATOR	1	
X7303,04	EFCS5R74M5B	CRYSTAL OSCILLATOR	2	
X7305	ELB5A016	FILTER	1	
X7307	VSK0547	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VEE8276	WIRE CABLE	1	(P4011-P7702)
	VEE8277	WIRE CABLE	1	(P6005-P6501)
	VEE8278	WIRE CABLE	1	(P2002-P1506)
	VEE8279	WIRE CABLE	1	(P2001-P2902)
	VEE8280	WIRE CABLE	1	(P4002-P1509)
	VWJ0682	FLAT CARD CABLE	1	(P3001-P501)
	VWJ0683	FLAT CARD CABLE	1	(P2003-P1507)
	VWJ00B7	FLAT CARD CABLE	1	(P6001-P1505)
	VWJ121W200BB	FLAT CARD CABLE	1	(P7401-P7501)
	VWJ240W160BB	FLAT CARD CABLE	1	(P7402-P7502)
	VJF1056	HARNESS LIFTER	1	
	VJF0004	WIRE SUDDLE	1	
	EN59845H3	TUNER	1	(1) FOR TV DEMODU.
	VSC3242	SHIELD COVER (MAIN)	1	FOR TV DEMODULATOR
	VSC3241	SHIELD COVER (TOP)	1	FOR TV DEMODULATOR
	VSC2714	SHIELD COVER (BOTTOM)	1	FOR TV DEMODULATOR
	VEP07675C	NICAM DECODER C.B.A.		(RTL) NV-HD100EC

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7901-03	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	3	
C7904	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C7905	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	1	
C7906	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C7907	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	1	
C7908	ECQV1H104JZ	P. CAPACITOR 50V 0.1U	1	
C7909	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	1	
C7910	ECEA1CK100	E. CAPACITOR 16V 10U	1	
C7911-13	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	3	
C7914	ECEAOJK470	E. CAPACITOR 6.3V 47U	1	
C7915	ECUX1H100DCV	C. CAPACITOR CH 50V 10P	1	
C7916	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	1	
C7917	ECEAOJK470	E. CAPACITOR 6.3V 47U	1	
C7918	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	1	
C7919	ECEAOJK470	E. CAPACITOR 6.3V 47U	1	
C7920	ECEA1CK100	E. CAPACITOR 16V 10U	1	
C7921	ECQB1H102JH	P. CAPACITOR 50V 1000P	1	
C7922	ECQB1H272JH	P. CAPACITOR 50V 2700P	1	
C7923	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1	
C7924	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C7925	ECUX1H561JCV	C. CAPACITOR CH 50V 56P	1	
C7926	ECEA1CK100	E. CAPACITOR 16V 10U	1	
C7927	ECQB1H102JH	P. CAPACITOR 50V 1000P	1	
C7928	ECQB1H272JH	P. CAPACITOR 50V 2700P	1	
C7929	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1	
C7930	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C7931	ECUX1H561JCV	C. CAPACITOR CH 50V 56P	1	
C7932, 33	ECEA1CKN100	E. CAPACITOR 16V 10U	2	
C7934	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C7935	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7937	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	1	
C7938	ECEA1HKR47	E. CAPACITOR 50V 0.47U	1	
C7939, 40	ECEA1HKNR1	E. CAPACITOR 50V 0.1U	2	
C7941	ECEA1HKR47	E. CAPACITOR 50V 0.47U	1	
C7942	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	1	
C7943	ECUX1H100DCV	C. CAPACITOR CH 50V 10P	1	
C7945	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
C7946	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C7947	ECEA1HKR47	E. CAPACITOR 50V 0.47U	1	
C7948	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	1	
C7949	ECEAOJK330	E. CAPACITOR 6.3V 33U	1	
C7950-53	ECEA1CKN100	E. CAPACITOR 16V 10U	4	
C7954	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C7955-60	ECEA1CK100	E. CAPACITOR 16V 10U	6	
C7961	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	1	
C7963	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	1	
C7964	ECEA1CK100	E. CAPACITOR 16V 10U	1	
C7965, 66	ECUX1H103Z FV	C. CAPACITOR CH 50V 0.01U	2	
C7967	ECEA1CK100	E. CAPACITOR 16V 10U	1	
D7901-03	MA141WK	DIODE	3	
D7904	MA141K	DIODE	1	
D7905	MA141WA	DIODE	1	
D7906	MA141WK	DIODE	1	
D7907	MA141K	DIODE	1	
FL7901	VLF0703	FILTER	1	
FL7902	ELKAH103EB	FILTER	1	
FL7904-11	ELKAH103EB	FILTER	8	
FL7912-15	ELKAW101GB	COIL 100UH	4	
FL7916	VLF0633	FILTER	1	
FL7918	ELKAH103EB	FILTER	1	
IC7901	TB1204F	IC	1	
IC7902	TA2009F	IC	1	
IC7903	M5238FP	IC	1	
L7901, 02	VLP0083	FILTER	2	
P7901	VJP1237R	CONNECTOR (MALE) 10P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P7902	VJP1237T	CONNECTOR (MALE) 10P	1	
Q7901, 02	MSD601	TRANSISTOR-RESISTOR	2	
Q7903	2SC3931CD	TRANSISTOR	1	
Q7904-07	2SB1219	TRANSISTOR	4	
Q7908, 09	2SC3929	TRANSISTOR	2	
Q7910, 11	2SD1820	TRANSISTOR	2	
Q7912	2SB1219	TRANSISTOR	1	
Q7913	2SB1218-Q	TRANSISTOR	1	
Q7914, 15	2SD1979-S	TRANSISTOR	2	
Q7916, 17	2SB1219	TRANSISTOR	2	
QR7901, 02	UN5213	TRANSISTOR-RESISTOR	2	
QR7903	UN5112	TRANSISTOR-RESISTOR	1	
QR7904-06	UN5213	TRANSISTOR-RESISTOR	3	
R7901	ERJ3GEYJ471	M. RESISTOR 1/16W 470	1	
R7902	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R7903	ERJ3GEYJ472	M. RESISTOR 1/16W 4.7K	1	
R7904	ERJ6GEYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R7905	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	1	
R7906	ERJ6GEYJ150	M. RESISTOR CH 1/10W 15	1	
R7907	ERJ6GEYJ561	M. RESISTOR CH 1/10W 560	1	
R7908	ERJ6GEYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R7909-12	ERJ6GEYJ331	M. RESISTOR CH 1/10W 330	4	
R7913-15	ERJ3GEYJ682	M. RESISTOR 1/16W 6.8K	3	
R7917	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7918-21	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	4	
R7922	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R7923	ERJ3GEYJ394	M. RESISTOR CH 1/16W 390K	1	
R7924-26	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	
R7927	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R7928	ERJ3GEYJ102	M. RESISTOR 1/16W 1K	1	
R7929	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R7930	ERJ3GEYJ394	M. RESISTOR CH 1/16W 390K	1	
R7931-33	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	
R7934	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R7935	ERJ3GEYJ102	M. RESISTOR 1/16W 1K	1	
R7936	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7937	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7938	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R7939	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R7940	ERJ3GEYJ181	M. RESISTOR CH 1/16W 180	1	
R7941	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R7942	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7943	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7944	ERJ3GEYJ392	M. RESISTOR CH 1/16W 3.9K	1	
R7945	ERJ3GEYJ822	M. RESISTOR 1/16W 8.2K	1	
R7946, 47	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
R7948	ERJ3GEYJ472	M. RESISTOR 1/16W 4.7K	1	
R7949	ERJ3GEYJ822	M. RESISTOR 1/16W 8.2K	1	
R7950	ERJ3GEYJ472	M. RESISTOR 1/16W 4.7K	1	
R7951, 52	ERJ3GEYJ822	M. RESISTOR 1/16W 8.2K	2	
R7953	ERJ3GEYJ472	M. RESISTOR 1/16W 4.7K	1	
R7954, 55	ERJ3GEYJ823	M. RESISTOR CH 1/16W 82K	2	
R7956	ERJ3GEYJ822	M. RESISTOR 1/16W 8.2K	1	
R7957	ERJ3GEYJ472	M. RESISTOR 1/16W 4.7K	1	
R7958, 59	ERJ3GEYJ823	M. RESISTOR CH 1/16W 82K	2	
R7960, 61	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	2	
R7964	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R7965-72	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7973-77	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	5	
R7978	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7979	ERJ3GEYJ152	M. RESISTOR 1/16W 1.5K	1	
R7980	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7981, 82	ERJ3GEYJ102	M. RESISTOR 1/16W 1K	2	
R7983, 84	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R7985, 86	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	2	
R7987	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R7988	ERJ3GEYJ121	M. RESISTOR CH 1/16W 120	1	
R7989	ERDS2TJ823	C. RESISTOR 1/4W 82K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
VR7901,02	EVNDXAA00B14	V.RESISTOR 10K	2	
VR7903	EVTFP6SA00B55	V.RESISTOR 500K	1	
X7901	VSX0514	CRYSTAL OSCILLATOR	1	
X7902	VSX0512	CRYSTAL OSCILLATOR	1	
X7903	EPCA5504BF	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VSC3553	SHIELD COVER (MAIN)	1	
	VSC3554	SHIELD COVER (TOP)	1	
	VSC3555	SHIELD COVER (BOTTOM)	1	
	■ VEPO3986B	INPUT/OUTPUT PACK C.B.A.		(RTL)NV-HD100EC
C3901,02	ECEAOJK101		2	
C3903	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C3904	ECEA1AK470		1	
C3905	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3906-08	ECEA1CK100	E.CAPACITOR 16V 10U	3	
C3908,09	ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3910	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C3911,12	ECEAOJK101		2	
C3913	ECUM1H1042FN	C.CAPACITOR CH 50V 0.1U	1	
C3914	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3915	ECEAOJK101		1	
C3917	ECEAOJK101I		1	
C3918,19	ECUM1H181JCN	C.CAPACITOR CH 50V 180P	2	
C4901-04	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	4	
C4905,06	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	2	
C4908-10	VCEA1CAD100		3	
C4911,12	VCEAOJAC101		2	
C4915,16	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C4917	VCEA1CAD100		1	
D3901	MA4056-M	DIODE	1	
D3902	MA151K	DIODE	1	
D3903	MA151WK	DIODE	1	
D3904,05	MA151K	DIODE	2	
D3911	MA151WK	DIODE	1	
D3912	MA151WA	DIODE	1	
IC3901	M52474P	IC	1	
IC3902	BA7004	IC	1	
IC4901	LA7155M	IC	1	
JK3901,02	VJS1469	CONNECTOR (FEMALE)	2	
L3901	ELESE101KA	COIL 100UH	1	
L3902	ELESQ101KA	COIL 100UH	1	
L3903	VLQ0188J330	COIL 33UH	1	
PS3951	VJS3042B016W	CONNECTOR (FEMALE) 16P	1	
PS3952	VJS3042B017W	CONNECTOR (FEMALE) 17P	1	
Q3901	MSD601	TRANSISTOR	1	
Q3902	2SB1320	TRANSISTOR	1	
Q3903	MSD601	TRANSISTOR	1	
Q3904	2SB1321	TRANSISTOR	1	
Q3905	MSD1328	TRANSISTOR	1	
Q3906	MSB709	TRANSISTOR	1	
Q3907	MSD601	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR3902	MRN1403	TRANSISTOR-RESISTOR	1	
QR3903	MRN1402	TRANSISTOR-RESISTOR	1	
R3901-04	ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	4	
R3905	ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R3906	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3907	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3908-10	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	3	
R3911,12	ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	2	
R3913	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3914	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3915	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3916	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3917	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3918	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3919	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3920	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3921	ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R3922	ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R3923,24	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R3925	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3926	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3927,28	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R3929	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3930,31	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R3933	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3934	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3935-37	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	3	
R3938	ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R4901	ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4902	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4903	ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4904	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4905	ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4906	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4907	ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4908	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4909,10	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	2	
R4911	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4912	ERJ6GEYJ163	M.RESISTOR CH 1/10W 16K	1	
R4913,14	ERJ6GEYJ433	M.RESISTOR CH 1/10W 43K	2	
R4915	ERJ6GEYJ163	M.RESISTOR CH 1/10W 16K	1	
R4916	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4917-20	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	4	
R4921	ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R4922,23	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	2	
R4924	ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R4927,28	ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	2	
SW3901	ESD172253		1	
X3901	VSX0099	CRYSTAL OSCILLATOR	1	
	■ VEPO3978B	INPUT/OUTPUT PACK C.B.A.		(RTL)NV-HD100EE
C3102	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3103,04	ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3105	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3916,17	ECEA1CKA100	E.CAPACITOR 16V 10U	2	
C3918	ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C3919	ECUM1H1042FN	C.CAPACITOR CH 50V 0.1U	1	
C3960	ECEA1CK470	E.CAPACITOR 16V 47U	1	
D3101	1SS254	DIODE	1	
IC3101	BA7004	IC	1	
IC3902	NJM2233BL	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L3905,06	ELESQ101KA	COIL 100UH	2	
PS3005	VJS3042B016W	CONNECTOR (FEMALE) 16P	1	
PS3006	VJS3042B017W	CONNECTOR (FEMALE) 17P	1	
Q3101	2SD1991	TRANSISTOR	1	
R3101	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3102	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3103,04	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R3105	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3903,04	ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	2	
R4903,04	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	2	
R4907,08	ERJ6GEYJ363	M.RESISTOR CH 1/10W 36K	2	
SW3901	ESD172253	SWITCH	1	
X3101	VSX0099	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VEJ1221	JACK PLATE	1	
	■ VEG1027	CYLINDER DRIVE C.B.A.		(RTL)
C2901-03	ECEA1VSN2R2	E. CAPACITOR 35V 2.2U	3	
C2904-06	ECUM1E104KM	C. CAPACITOR CH 25V 0.1U	3	
C2907	ECUM1E683KM	C. CAPACITOR CH 25V 0.068U	1	
C2908	ECUM1E473KM	C. CAPACITOR CH 25V 0.047U	1	
C2909	ECQV1H104JS	P. CAPACITOR 50V 0.1U	1	
C2910,11	ECEA1CKS100	E. CAPACITOR 16V 10U	2	
C2912	ECEAOJKS220	E. CAPACITOR 6.3V 22U	1	
IC2901	AN3815K	IC	1	
P2901	VJP2603W	CONNECTOR (MALE)	1	
P2902	VJP1232T	CONNECTOR (MALE) 5P	1	
R2901	ERX12SJR47	M. RESISTOR 1/2W 0.47	1	
TH2901	VRH0017-1A	THERMISTOR	1	
	■ VEP01487K	POWER C.B.A.		(RTL) NV-HD100EC
C1101	ECQU2A224MN	P. CAPACITOR 250V 0.22U	1	<1>
C1102	ECQU2A104MN	P. CAPACITOR 250V 0.01U	1	<1>
C1103	ECEC2GC680B	CAPACITOR	1	
C1104,05	VCK0046	C. CAPACITOR 400V 68U	2	
C1106	VCC0024	C. CAPACITOR 2200P	1	<1>
C1107	ECQE6473KF	P. CAPACITOR 50V	1	
C1108	VCK0106K121	C. CAPACITOR	1	
C1109	ECA1VKLV470	E. CAPACITOR 35V 47U	1	
C1110	ECA1CKLV101	E. CAPACITOR 16V 100U	1	
C1111	ECEALJFE470	E. CAPACITOR 63V 47U	1	
C1112	ECEALCFE560	E. CAPACITOR 16V 56U	1	
C1113,14	ECEALDF2681	E. CAPACITOR 20V 680U	2	
C1115,16	ECEALAF2681X	E. CAPACITOR 10V 680U	2	
C1117	ECQB1HI03JF	P. CAPACITOR 50V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1118	ECKF1H102KB	C. CAPACITOR 50V 1000P	1	
C1119	VCF2AAC101J	P. CAPACITOR 100V 100P	1	
C1120	ECKF1H391KB	C. CAPACITOR 50V 390P	1	
C1121	ECKF1H102KB	C. CAPACITOR 50V 1000P	1	
C1131,32	VCK0046	C. CAPACITOR	2	<1>
C1133	VCC0024	C. CAPACITOR 2200P	1	
C1134,35	VCK0046	C. CAPACITOR	2	<1>
C1136	VCC0024	C. CAPACITOR 2200P	1	
D1102	S1WBA60S	DIODE	1	<1>
D1103	AP01C	DIODE	1	
D1104	MA4200H	DIODE	1	
D1105	MA723VT	DIODE	1	
D1106	MA178	DIODE	1	
D1107	AU01Z	DIODE	1	
D1108	MA185	DIODE	1	
D1109	RL4ZPLF	DIODE	1	
D1110	31DQ04	DIODE	1	
D1111	MA165VT	DIODE	1	
IC1101	STRS6545LF	IC	1	<1>
IC1102	SI3120C	IC	1	
IC1103	UPCI093J	IC	1	
L1101	ELF18D221F	COIL 220UH	1	<1>
L1102,03	VLQ0410	COIL	2	
L1104,05	ELESE101KA	COIL 100UH	2	
L1106	VLPO074	COIL	1	
L1107	VLPO083	COIL	1	
L1111	ELF18D221F	COIL 220UH	1	<1>
P1101	VJS2625	CONNECTOR (FEMALE)	1	<1>
P1102	VJP1250T	CONNECTOR (MALE) 10P	1	
Q1101	PS2561L1-1	TRANSISTOR-PHOTO COUPLER	1	<1>
R1101	EROS2CKG3001	M. RESISTOR 1/4W 3K	1	
R1102	ERG3SJ683	M. RESISTOR 3W 68K	1	
R1103	ERDS2TJ224	C. RESISTOR 1/4W 220K	1	
R1104	ERDS2FJ221	C. RESISTOR 1/4W 220	1	
R1105	ERDS2TJ101	C. RESISTOR 1/4W 100	1	
R1106	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R1107	ERW1PK1R5	W. RESISTOR 1W 1.5	1	
R1108	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R1109	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
R1110	EROS2CKG2701	M. RESISTOR 1/4W 2.7K	1	
R1111	ERDS2TJ272	C. RESISTOR 1/4W 2.7K	1	
R1112	EROS2CKG2401	M. RESISTOR 1/4W 2.4K	1	
R1113	EROS2CKG3302	M. RESISTOR 1/4W 33K	1	
R1114	ERDS2TJ682	C. RESISTOR 1/4W 6.8K	1	
R1115	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R1116	EROS2CKG62R0	C. RESISTOR 1/4W	1	
R1117	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R1131	ERW1PK2R2	W. RESISTOR 1W 2.2	1	
R1132	ERC12AGM334	S. RESISTOR 1/2W 330K	1	<1>
R1133	ERDS2TJ224	C. RESISTOR 1/4W 220K	1	
T1101	VLTO704	TRANSFORMER	1	<1>
		MISCELLANEOUS		
	VJF0318	FUSE HOLDER	2	
	■ VEP01487L	POWER C.B.A.		(RTL) NV-HD100EE

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1101	ECQZ2A224MN	P. CAPACITOR 250V 0.22U	1	<1>
C1102	ECQZ2A104MN	P. CAPACITOR 250V 0.01U	1	<1>
C1103	ECBC2G6690B	CAPACITOR	1	
C1106	VCC0021	C. CAPACITOR	1	
C1107	ECQ86473KF	P. CAPACITOR 50V	1	
C1108	VCK0106K121	CAPACITOR	1	
C1109	ECA1VXLV470	E. CAPACITOR 35V 47U	1	
C1110	ECA0GXLV331	E. CAPACITOR 4V 330U	1	
C1111	ECEA1JFE470	E. CAPACITOR 63V 47U	1	
C1112	ECEA1CFE560	E. CAPACITOR 16V 56U	1	
C1113,14	ECEALDF2681	E. CAPACITOR 20V 680U	2	
C1115,16	ECEA1AF2681X	E. CAPACITOR 10V 680U	2	
C1117	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C1118	ECKF1H102KB	C. CAPACITOR 50V 1000P	1	
C1119	VCF2AAC101J	P. CAPACITOR 100V 100P	1	
C1120	ECKF1H391KB	C. CAPACITOR 50V 390P	1	
C1121	ECKF1H102KB	C. CAPACITOR 50V 1000P	1	
C1122	ECQV1H124ZJ	P. CAPACITOR 50V 0.12U	1	
C1133	VCC0021	C. CAPACITOR	1	
C1136	VCC0022	C. CAPACITOR 1000P	1	
D1102	S1WBA60S	DIODE	1	
D1103	AP01C	DIODE	1	
D1104	MA4200H	DIODE	1	
D1105	MA723VT	DIODE	1	
D1106	MA178	DIODE	1	
D1107	AU01Z	DIODE	1	
D1108	MA185	DIODE	1	
D1109	30DF2	DIODE	1	
D1110	31DQ04	DIODE	1	
D1111	MA165VT	DIODE	1	
IC1101	STR56545LF	IC	1	
IC1102	SI3120C	IC	1	
IC1103	UPC1093J	IC	1	
L1101	ELF18D221F	COIL 220UH	1	<1>
L1102,03	VLQ0410	COIL	2	
L1104,05	ELESE101KA	COIL 100UH	2	
L1106	VLPO074	COIL	1	
L1107	VLPO083	COIL	1	
L1111	ELF18D221F	COIL 220UH	1	<1>
L1116	VLPO085	FILTER	1	
L1118	VLPO085	FILTER	1	
P1101	WJS2625	CONNECTOR (FEMALE)	1	<1>
P1102	WJP1250T	CONNECTOR (MALE) 10P	1	
Q1101	PS25611L1-1	TRANSISTOR-PHOTO COUPLER	1	<1>
R1101	EROS2CKG3001	M. RESISTOR 1/4W 3K	1	
R1102	ERG3SJ683	M. RESISTOR 3W 68K	1	
R1103	ERDS2TJ224	C. RESISTOR 1/4W 220K	1	
R1104	ERDS2FJ221	C. RESISTOR 1/4W 220	1	
R1105	ERDS2TJ101	C. RESISTOR 1/4W 100	1	
R1106	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R1107	ERWLPKR82	RESISTOR	1	
R1108	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R1109	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
R1110	EROS2CKG2701	M. RESISTOR 1/4W 2.7K	1	
R1111	ERDS2TJ272	C. RESISTOR 1/4W 2.7K	1	
R1112	EROS2CKG2401	M. RESISTOR 1/4W 2.4K	1	
R1113	EROS2CKG3302	M. RESISTOR 1/4W 33K	1	
R1114	ERDS2TJ152	C. RESISTOR 1/4W 1.5K	1	
R1115	ERDS2TJ471	C. RESISTOR 1/4W 1.5K	1	
R1116	EROS2CKG62R0	C. RESISTOR 1/4W	1	
R1117	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R1131	ERWLPK2R2	C. RESISTOR 1/4W 10K	1	
R1132	ERC12AGM334C	S. RESISTOR 1/2W 330K	1	<1>

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1133	ERDS2TJ224	C. RESISTOR 1/4W 220K	1	
R1134	ERDS1TJ395	C. RESISTOR 1/2W 3900K	1	
R1135	ERDS1TJ475	C. RESISTOR 1/2W 4700K	1	
T1101	VLTO704	TRANSFORMER	1	<1>
		MISCELLANEOUS		
	VJF0318	FUSE HOLDER	2	<1>
	VEPO5176C	HEAD AMP C.B.A.		(RTL)
C503	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C505-08	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	4	
C509	ECUM1H332KBN	C. CAPACITOR CH 50V 3300P	1	
C510,11	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	2	
C512	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C513	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C514	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C515,16	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	2	
C517,18	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	2	
C519,20	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	2	
C521	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	1	
C523-25	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	3	
C526	VCEAQJAC221	E. CAPACITOR 6.3V 220U	1	
C527	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C540	ECEA1CK470	E. CAPACITOR 16V 47U	1	
C551	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C552-54	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	3	
C555	ECEAQJPK221	C. CAPACITOR 6.3V 220	1	
C556,57	ECUM1H1032FN	C. CAPACITOR CH 50V 0.01U	2	
C559	ECUM1C105ZFN	E. CAPACITOR 16V 1U	1	
C560,61	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C562,63	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C564	ECUM1C105ZFN	E. CAPACITOR 16V 1U	1	
C565	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C566	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C567	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C569	ECUM1C105ZFN	E. CAPACITOR 16V 1U	1	
IC501	AN3336SB	IC	1	
IC551	BA7743FS	IC	1	
L501,02	VLQ0540K330	COIL 33UH	2	
L551,52	VLQ0540K330	COIL 33UH	2	
P501	VJS3193B020A	CONNECTOR (FEMALE) 20P	1	
P502	VJS2603	CONNECTOR (FEMALE)	1	
QR501	MRN2404	TRANSISTOR-RESISTOR	1	
R501	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R502	ERJ6GEYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R503	ERJ6GMYG752	M. RESISTOR CH 1/10W 7.5K	1	
R504	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R505	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1	
R506	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	1	
R507	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R508	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R509-12	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	4	
R513	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10	1	
R514	ERJ6GMYJ274	M. RESISTOR CH 1/10W 270K	1	
R517	ERJ6GMYJ100	M. RESISTOR CH 1/10W 47K	1	
R526	ERJ6GMYG133	M. RESISTOR CH 1/10W 13K	1	
R551	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R552	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R553	ERJ6GMJ273	M.RESISTOR CH 1/10W 27K	1	
R554	ERJ6GMJ243	M.RESISTOR CH 1/10W 24K	1	
R556	ERJ6GMJ333	M.RESISTOR CH 1/10W 33K	1	
R557	ERJ6GMJ103	M.RESISTOR CH 1/10W 10K	1	
R558	ERJ6GMJ332	M.RESISTOR CH 1/10W 3.3K	1	
R559,60	ERJ6GMJ152	M.RESISTOR CH 1/10W 1.5K	2	
R561	ERJ6GMJ332	M.RESISTOR CH 1/10W 3.3K	1	
R562	ERJ6GMJ102	M.RESISTOR CH 1/10W 1K	1	
R563	VRB0034E100	M.RESISTOR CH 1/10W 10	1	
R564	ERJ6GMJ224	M.RESISTOR CH 1/10W 220K	1	
R565	ERJ6GMJ473	M.RESISTOR CH 1/10W 47K	1	
R566	ERJ6GMJ273	M.RESISTOR CH 1/10W 27K	1	
R567	ERJ6GMJ153	M.RESISTOR CH 1/10W 15K	1	
R568	ERJ6GMJ271	M.RESISTOR CH 1/10W 270K	1	
R569	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R570	ERJ6GMJ102	M.RESISTOR CH 1/10W 1K	1	
		MISCELLANEOUS		
	VJF0318	FUSE HOLDER	1	
	VEPO7703G	TIMER C.B.A.		(RTL)NV-HD100EC INCLUDING THE MIC C.B.A. (VEPO082A)
C1701	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C1702	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1703	ECKD2H471KB	C.CAPACITOR 500V 4.7U	1	
C1704	ECEA1VK220	E.CAPACITOR 35V 22U	1	
C1705	ECKF1H1032F	C.CAPACITOR 50V 0.01U	1	
C1706	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C6701	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C6702	ECUM1E33KBN	C.CAPACITOR CH 25V 0.033U	1	
C6703	ECEAOJKA470	E.CAPACITOR 6.3V 47U	1	
C7501	ECRHA030E54R	TRIMMER	1	
C7502	ECEAOJKS330	E.CAPACITOR 6.3V 33U	1	
C7503	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7504	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C7505,06	ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	2	
C7507,08	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	2	
C7509	ECEA1HK220	E.CAPACITOR 50V 22U	1	
C7510	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7511	ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C7513,14	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	2	
C7515	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7517	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7518	ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C7519	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7520	ECEAOJKS470	C.CAPACITOR 6.3V 47P	1	
C7521	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7522	ECEAOJKS470	C.CAPACITOR 6.3V 47P	1	
C7523	ECUM1H271JCN	C.CAPACITOR CH 50V 270P	1	
C7524	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7530	ECQB1H103J2	P.CAPACITOR 50V 0.01U	1	
C7701	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C7702	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C7703	ECEA1APK330	E.CAPACITOR 10V 33U	1	
C7704	ECEA1EPK3R3	E.CAPACITOR 25V 3.3U	1	
C7705	ECEA1CPK330	E.CAPACITOR 16V 33U	1	
C7706,07	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
C7709	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
D1701	MA1270-H	DIODE	1	
D1702	MA185	DIODE	1	
D6701	PD410TN1	DIODE	1	
D7501	MA3075	DIODE	1	
D7502	MA221	DIODE	1	
D7504	LN081609P	DIODE	1	
D7512-15	MA221	DIODE	4	
D7517-19	MA221	DIODE	3	
D7552,53	MA221	DIODE	2	
D7555	MA221	DIODE	1	
D7557	MA221	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D7564	MA221	DIODE	1	
D7568	MA221	DIODE	1	
D7571,72	MA221	DIODE	2	
D7580,81	MA221	DIODE	2	
D7585	MA221	DIODE	1	
D7701-04	MA221	DIODE	4	
D7705	LN28RCPLV	DIODE	1	
D7708	LN28RCPLV	DIODE	1	
D7709	MA221	DIODE	1	
DP7501	VSL0276	DISPLAY	1	
IC6701	UPC2800AGR	IC	1	
IC7501	MN187164VISV	IC	1	
IC7502	PST7026	IC	1	
IC7503	XLJ9021B	IC	1	
IC7504	PST7043	IC	1	
IC7505	BA6810S	IC	1	
IC7701	BA3308	IC	1	
IR7501	VEK6407	IC RECEIVER	1	
J4801	VJJ0281	MIC JACK	1	
L1701	VLQEL05F101K	COIL 100UH	1	
L7501	VLQEL05F151K	COIL 150UH	1	
P7501	VJS3193B012A	CONNECTOR (FEMALE) 12P	1	
P7502	VJS3193B024A	CONNECTOR (FEMALE) 24P	1	
P7701	VJS3301	CONNECTOR (FEMALE)	1	
P7702	VJP1244T	CONNECTOR (MALE) 4P	1	
PP7501	VJP3405A013W	CONNECTOR (MALE) 13P	1	
PP7703	VJP3042A004W	CONNECTOR (MALE) 4P	1	
PS4801	VJS3042B004W	CONNECTOR (FEMALE) 4P	1	
Q1701	2SD973A-R.VT	TRANSISTOR	1	
Q7501,02	MSD601	TRANSISTOR	2	
QR7501,02	MRN2403	TRANSISTOR-RESISTOR	2	
QR7504	XN4311	TRANSISTOR-RESISTOR	1	
QR7509	MRN1404	TRANSISTOR-RESISTOR	1	
QR7701-04	MRN2404	TRANSISTOR-RESISTOR	4	
R1701	ERJ6GMJ332	M.RESISTOR 1/10W 3.3K	1	
R1702	ERDS2TJ471	M.RESISTOR CH 1/4W 470	1	
R1703	ERJ6GMJ101	M.RESISTOR 1/10W 100	1	
R6701	ERJ6ENF1363	M.RESISTOR CH 1/10W 36K	1	
R7501,02	ERJ6GMJ820	M.RESISTOR CH 1/10W 82	2	
R7503	ERJ6GMJG223	M.RESISTOR CH 1/10W 22K	1	
R7504	ERJ6GMJ102	M.RESISTOR CH 1/10W 1K	1	
R7505-07	ERJ6GMJ473	M.RESISTOR CH 1/10W 47K	3	
R7508	ERJ6GMJ272	M.RESISTOR CH 1/10W 2.7K	1	
R7510-13	ERJ6GMJ102	M.RESISTOR CH 1/10W 1K	4	
R7514	ERJ6GMJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7515-18	ERJ6GMJ821	M.RESISTOR CH 1/10W 820	4	
R7519	ERJ6GMJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7520	ERJ6GMJ101	M.RESISTOR CH 1/10W 100	1	
R7521	ERJ6GMJ221	M.RESISTOR CH 1/10W 220	1	
R7522	ERJ6GMJ104	M.RESISTOR CH 1/10W 100K	1	
R7524	ERJ6GMJ471	M.RESISTOR CH 1/10W 470	1	
R7526	ERJ6GMJ224	M.RESISTOR CH 1/10W 220K	1	
R7527,28	ERJ6GMJ223	M.RESISTOR CH 1/10W 22K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7529	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1		C7530	EQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
R7531, 32	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2		C7701	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
R7533-37	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	5		C7702	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
R7538, 39	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2		C7703	ECEA1APK330	E.CAPACITOR 10V 33U	1	
R7540-44	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	5		C7704	ECEA1EPK3R3	E.CAPACITOR 25V 3.3U	1	
R7546	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1		C7705	ECEA1CPK330	E.CAPACITOR 16V 33U	1	
R7550	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1		C7706, 07	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
R7551	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1		C7709	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
R7553-56	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	4						
R7557	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1		D1701	MA1270-H	IC	1	
R7703	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1		D1702	MA185	DIODE	1	
R7704	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1		D6701	PD410TN1	DIODE	1	
R7705	ERJ6GMYJ680	M.RESISTOR CH 1/10W 68	1		D7501	MA3075	DIODE	1	
R7706	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1		D7502	MA221	DIODE	1	
R7707	ERJ6GMYJ564	M.RESISTOR CH 1/10W 560K	1		D7504	LN081609P	DIODE	1	
R7708	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1		D7512-15	MA221	DIODE	4	
					D7517-19	MA221	DIODE	3	
RX7501, 02	EXBF6E104J	RESISTOR-RESISTOR	2		D7552	MA221	DIODE	1	
RX7503	EXBF8E104J	RESISTOR-RESISTOR	1		D7567, 68	MA221	DIODE	2	
					D7571, 72	MA221	DIODE	2	
					D7580	MA221	DIODE	1	
SW7501-11	EVQ11409K	SWITCH	11		D7701-04	MA221	DIODE	4	
SW7701	EVQ11409K	SWITCH	1		D7706, 07	LN28RCPPV	DIODE	2	
					D7709	MA221	DIODE	1	
T1701	ETE13K80AY	TRANSFORMER	1						
					DP7501	VSL0276	DISPLAY TUBE	1	
VR4004	EVNCBAA00B53	V.RESISTOR	1						
					IC6701	UPC2800AGR	IC	1	
X7501	VSX0484	CRYSTAL OSCILLATOR	1		IC7501	MN187164VTSV	IC	1	
X7502	VSX0094	CRYSTAL OSCILLATOR	1		IC7502	PST7026	IC	1	
					IC7503	XLJ9021B	IC	1	
					IC7504	PST7043	IC	1	
		MISCELLANEOUS			IC7505	BA6810S	IC	1	
	VJF1043	FIP HOLDER	1		IC7701	BA3308	IC	1	
	VMD2074	LED HOLDER	1						
	VMD2035	JOG SHUTTLE HOLDER	1		IR7501	VEK6407	IC RECEIVER UNIT	1	
	VSQ0822	SHUTTLE ENCODER	1						
					J4801	VJJ0281	MIC JACK	1	
	VEPO7703N	TIMER C. B. A.		(RTL) NV-HD100EE					
				INCLUDING THE MIC	L1701	VLQEL05F101K	COIL 100UH	1	
				C. B. A. (VEPO082A)	L7501	VLQEL05F151K	COIL 150UH	1	
C1701	ECEA1CK101	E.CAPACITOR 16V 100U	1						
C1702	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1		P7501	VJS3193B012A	CONNECTOR (FEMALE) 12P	1	
C1703	ECKD2H471KB	E.CAPACITOR 500V 470U	1		P7502	VJS3193B024A	CONNECTOR (FEMALE) 24P	1	
C1704	ECEA1VK220	E.CAPACITOR 35V 22U	1		P7701	VJS3301	CONNECTOR (FEMALE)	1	
C1705	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1		P7702	VJPI244T	CONNECTOR (MALE) 4P	1	
C1706	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1						
C6701	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1		PP7501	VJP3405A013W	CONNECTOR (MALE) 13P	1	
C6702	ECUM1E333KBN	C.CAPACITOR CH 25V 0.033U	1		PP7703	VJP3042A004W	CONNECTOR (MALE) 4P	1	
C6703	ECEAOJKA470	E.CAPACITOR 6.3V 47U	1						
C7501	ECRHA030E54R	TRIMMER	1		PS4801	VJS3042B004W	CONNECTOR (FEMALE) 4P	1	
C7502	ECEAOJKS330	E.CAPACITOR 6.3V 33U	1						
C7503	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		Q1701	2SD973A-R.VT	TRANSISTOR	1	
C7504	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1		Q7501, 02	MSD601	TRANSISTOR-RESISTOR	2	
C7505, 06	ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	2						
C7507, 08	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	2		QR7501, 02	MRN2403	TRANSISTOR-RESISTOR	2	
C7509	ECEA1HK220	E.CAPACITOR 50V 22U	1		QR7504	XN4311	TRANSISTOR-RESISTOR	1	
C7510	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		QR7509	MRN1404	TRANSISTOR-RESISTOR	1	
C7511	ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1		QR7701-04	MRN2404	TRANSISTOR-RESISTOR	4	
C7513, 14	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	2						
C7515	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		R1701	ERJ6GMYJ332	M.RESISTOR 1/10W 3.3K	1	
C7517	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		R1702	ERDS2TJ471	C.RESISTOR 1/4W 470	1	
C7518	ECUM1H21JCN	C.CAPACITOR CH 50V 820P	1		R1703	ERJ6GMYJ101	M.RESISTOR 1/10W 100	1	
C7519	ECUM1H21JCN	C.CAPACITOR CH 50V 220P	1						
C7520	ECEAOJKS470	E.CAPACITOR 6.3V 47U	1						
C7521	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1						
C7522	ECEAOJKS470	E.CAPACITOR 6.3V 47U	1						
C7523	ECUM1H21JCN	C.CAPACITOR CH 50V 270P	1						
C7524	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1						

