

Service Manual



XV-DV575

ORDER NO.
RRV3748

DVD/CD RECEIVER

XV-DV575

XV-DV580

XV-DV385K

XV-DV395K

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Regional restriction codes (Region No.)	Remarks
XV-DV575	WYXJ5	AC 220 V to 240 V	2	
XV-DV580	WYXJ5	AC 220 V to 240 V	2	
XV-DV580	WVXJ5	AC 220 V to 240 V	2	
XV-DV385K	WSXJ5	AC 220 V to 240 V	5	
XV-DV395K	WSXJ5	AC 220 V to 240 V	5	



For details, refer to "Important Check Points for good servicing".

A



Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING !

THE AEL (ACCESSIBLE EMISSION LEVEL) OF THE LASER POWER OUTPUT IS LESS THAN CLASS 1 BUT THE LASER COMPONENT IS CAPABLE OF EMITTING RADIATION EXCEEDING THE LIMIT FOR CLASS 1.

A SPECIALLY INSTRUCTED PERSON SHOULD DO SERVICING OPERATION OF THE APPARATUS.

LASER DIODE CHARACTERISTICS

FOR DVD : MAXIMUM OUTPUT POWER : 5 mW

WAVELENGTH : 650 nm

FOR CD : MAXIMUM OUTPUT POWER : 5 mW

WAVELENGTH : 780 nm

C

D



CLASS 1
LASER PRODUCT

Name label

- Additional Laser Caution

1.
 - Laser diode is driving with Q307 (650 nm LD) and Q308 (780 nm LD) on the 08 DVD/MD Assy.
 - Therefore, when short-circuit between the emitter and collector of these transistors or the base voltage is supplied for transistors turn on, the laser oscillates. (failure mode)
 - In the test mode *, there is the mode that the laser oscillates except for the disc judgment and playback. LD ON mode in the test mode oscillates with the laser forcibly.
2. When the cover is open, close viewing through the objective lens with the naked eye will cause exposure to the laser beam.

* : See page 24.

[Important Check Points for Good Servicing]

In this manual, procedures that must be performed during repairs are marked with the below symbol. Please be sure to confirm and follow these procedures.

1. Product safety



Please conform to product regulations (such as safety and radiation regulations), and maintain a safe servicing environment by following the safety instructions described in this manual.

- ① Use specified parts for repair.

Use genuine parts. Be sure to use important parts for safety.

- ② Do not perform modifications without proper instructions.

Please follow the specified safety methods when modification (addition/change of parts) is required due to interferences such as radio/TV interference and foreign noise.

- ③ Make sure the soldering of repaired locations is properly performed.

When you solder while repairing, please be sure that there are no cold solder and other debris. Soldering should be finished with the proper quantity. (Refer to the example)

- ④ Make sure the screws are tightly fastened.

Please be sure that all screws are fastened, and that there are no loose screws.

- ⑤ Make sure each connectors are correctly inserted.

Please be sure that all connectors are inserted, and that there are no imperfect insertion.

- ⑥ Make sure the wiring cables are set to their original state.

Please replace the wiring and cables to the original state after repairs. In addition, be sure that there are no pinched wires, etc.

- ⑦ Make sure screws and soldering scraps do not remain inside the product.

Please check that neither solder debris nor screws remain inside the product.

- ⑧ There should be no semi-broken wires, scratches, melting, etc. on the coating of the power cord.

Damaged power cords may lead to fire accidents, so please be sure that there are no damages. If you find a damaged power cord, please exchange it with a suitable one.

- ⑨ There should be no spark traces or similar marks on the power plug.

When spark traces or similar marks are found on the power supply plug, please check the connection and advise on secure connections and suitable usage. Please exchange the power cord if necessary.

- ⑩ Safe environment should be secured during servicing.

When you perform repairs, please pay attention to static electricity, furniture, household articles, etc. in order to prevent injuries. Please pay attention to your surroundings and repair safely.

2. Adjustments



To keep the original performance of the products, optimum adjustments and confirmation of characteristics within specification. Adjustments should be performed in accordance with the procedures/instructions described in this manual.

3. Lubricants, Glues, and Replacement parts



Use grease and adhesives that are equal to the specified substance. Make sure the proper amount is applied.

4. Cleaning



For parts that require cleaning, such as optical pickups, tape deck heads, lenses and mirrors used in projection monitors, proper cleaning should be performed to restore their performances.

5. Shipping mode and Shipping screws



To protect products from damages or failures during transit, the shipping mode should be set or the shipping screws should be installed before shipment. Please be sure to follow this method especially if it is specified in this manual.

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1. SERVICE PRECAUTIONS

1.1 NOTES ON SOLDERING

- For environmental protection, lead-free solder is used on the printed circuit boards mounted in this unit.
Be sure to use lead-free solder and a soldering iron that can meet specifications for use with lead-free solders for repairs accompanied by reworking of soldering.
- Compared with conventional eutectic solders, lead-free solders have higher melting points, by approximately 40 °C.
Therefore, for lead-free soldering, the tip temperature of a soldering iron must be set to around 373 °C in general, although the temperature depends on the heat capacity of the PC board on which reworking is required and the weight of the tip of the soldering iron.

Do NOT use a soldering iron whose tip temperature cannot be controlled.

Compared with eutectic solders, lead-free solders have higher bond strengths but slower wetting times and higher melting temperatures (hard to melt/easy to harden).

The following lead-free solders are available as service parts:

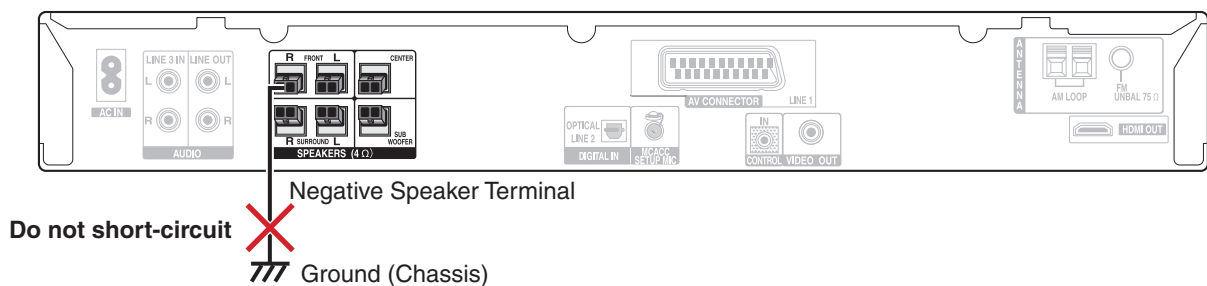
- Parts numbers of lead-free solder:
GYP1006 1.0 in dia.
GYP1007 0.6 in dia.
GYP1008 0.3 in dia.

1.2 CAUTION

NOTES ON BTL DRIVE

As a signal to drive the BTL is output from the negative speaker terminal, **DO NOT** short-circuit between the negative speaker terminal and ground, such as the chassis.

Do not short-circuit between the plus speaker terminal and ground, such as the chassis, too.



1.3 WHEN REPLACING DVD MECHA ASSY

[Removing the DVD MECHA Assy]

Before removing Pickup PCB and DVD PCB connector, short circuit the position shown in **Fig. 1** using a soldering iron. If you remove the DVD MECHA Assy with no soldering, the Laser may be damaged.

[Installing the DVD MECHA Assy]

Remove all the soldering on the short circuit position after the connection of Pickup PCB and DVD PCB connector.

NOTE

- Be sure to use lead-free solder and a soldering iron.
- When Soldering/Removing of solder, use the draw in equipment over the Pickup Unit to prevent the Flux smoke from it.

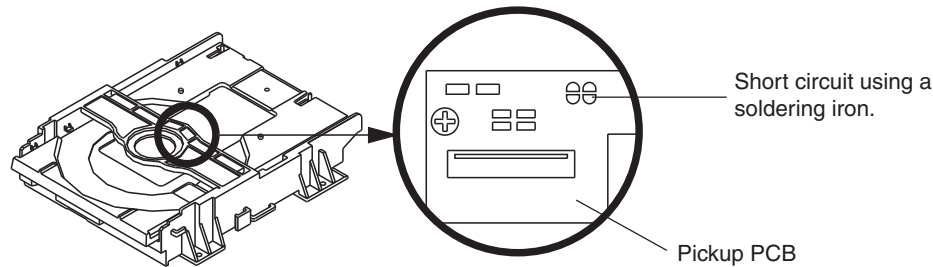


Fig. 1

1.4 DISC REMOVAL METHOD AT NO POWER SUPPLY

1. Slide the Rack Loading (White) toward the arrow direction by using a minus driver to release the lock. (Refer to Fig. 1)
2. Manually open the Tray.

NOTE:

Please strongly pushing Rack Loading (White) to release the lock because the tray doesn't go out easily.

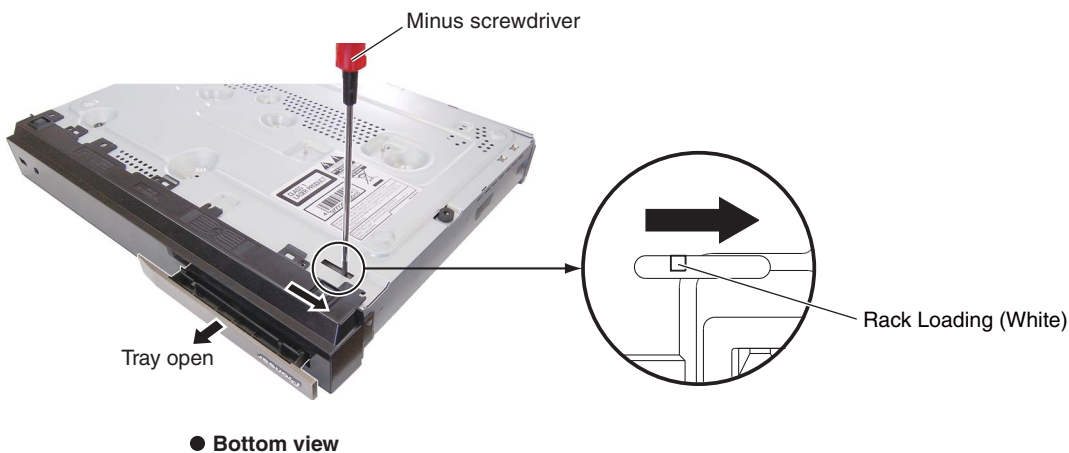


Fig. 1

2. SPECIFICATIONS

2.1 SPECIFICATIONS, DISC/CONTENT FORMAT AND ACCESORRIES

• Amplifier section

RMS Power Output:

Front, Center, Surround 60 W per channel
(1 kHz, 10 % T.H.D., 4 Ω)
Subwoofer60 W (100 Hz, 10 % T.H.D., 4 Ω)

• Disc section

Type DVD system, Video CD/Super VCD system and Compact Disc digital audio system
Wow and FlutterLimit of measurement
(± 0.001 % W.PEAK) or less (JEITA)

• FM tuner section

Frequency range. 87.5 MHz to 108 MHz
Antenna. 75 Ω , unbalanced

• AM tuner section

Frequency range. 531 kHz to 1602 kHz
Antenna. Loop antenna

• Miscellaneous

Power requirements. . . AC 220 V to 240 V, 50 Hz/60 Hz
Power consumption. 50 W
Power consumption in standby. 0.42 W
Dimensions (XV-DV575, XV-DV580)
. 420 mm (W) x 60 mm (H) x 335 mm (D)
Dimensions (XV-DV385K, XV-DV395K)
. 420 mm (W) x 60 mm (H) x 339 mm (D)
Weight (XV-DV575, XV-DV580). 2.8 kg
Weight (XV-DV385K, XV-DV395K) 2.7 kg

• Accessories (DVD/CD receiver)

Remote control. 1
AA/R6 dry cell batteries 2
(to confirm system operation)
Video cable (yellow plugs) 1
AM loop antenna 1
FM antenna 1
Microphone (for Auto MCACC setup). 1
Power cord. 1
Setup Guide
Operating instructions

Disc/content format playback compatibility

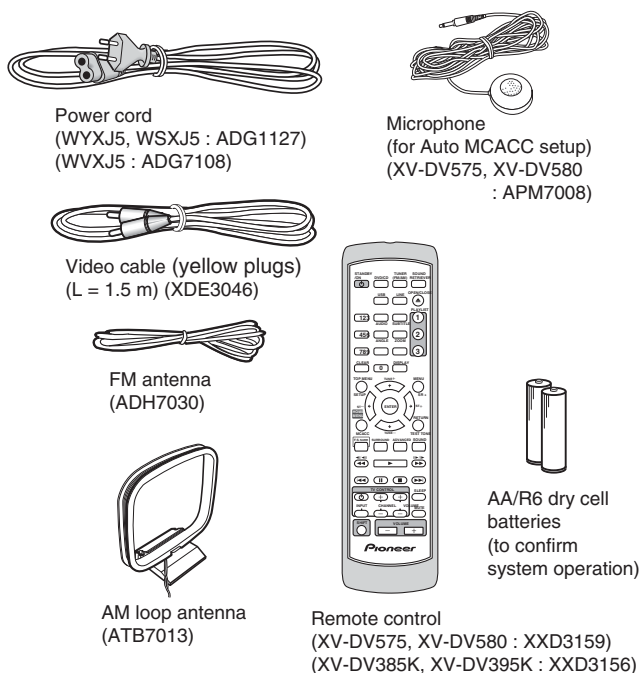
This player is compatible with a wide range of disc types (media) and formats. Playable discs will generally feature one of the following logos on the disc and/or disc packaging. Note however that some disc types, such as recordable CD and DVD, may be in an unplayable format.

See the Disc compatibility table below for more information.



- This unit will play DVD+R/+RW discs.
-  is a trademark of FUJIFILM Corporation.
-  is a trademark of DVD Format/Logo Licensing Corporation.
- Also compatible with KODAK Picture CD.

This player supports the IEC's Super VCD standard for superior picture quality, dual soundtracks, and widescreen support.

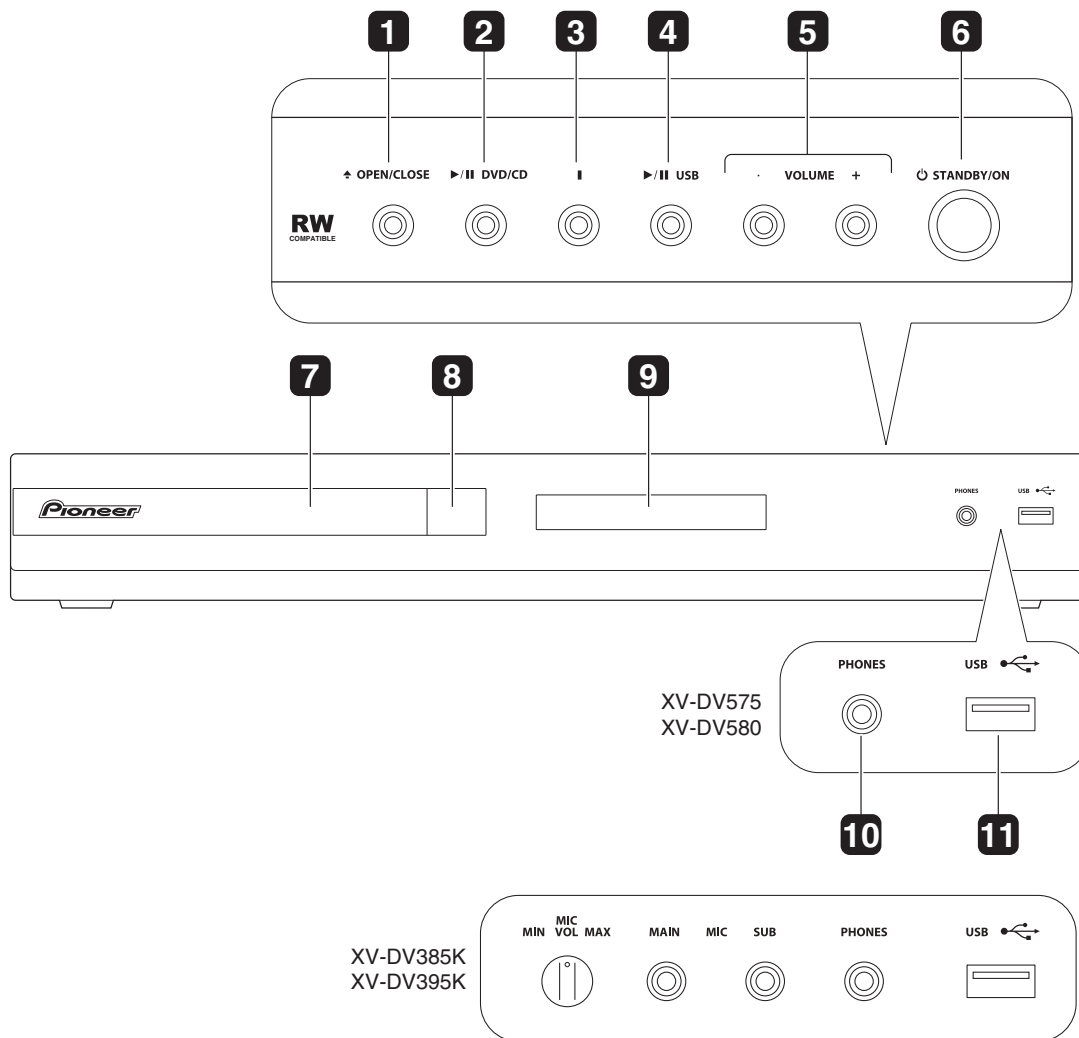


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Manufactured under license under U.S. Patent #'s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Surround are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. c 1996-2007 DTS, Inc. All Rights Reserved.

2.2 PANEL FACILITIES

Front panel



1 ▲ OPEN/CLOSE

Opens/closes the disc tray.

2 ▶/II DVD/CD

Selects the **DVD/CD** function and starts/pauses/resumes playback.

3 ■

Stops playback.

4 ▶/II USB

Selects the **USB** function and starts/pauses playback.

5 VOLUME +/- buttons

6 ⏻ STANDBY/ON

Switches the system on or into standby.

7 Disc tray

8 Remote Sensor

9 Display

See Display below.

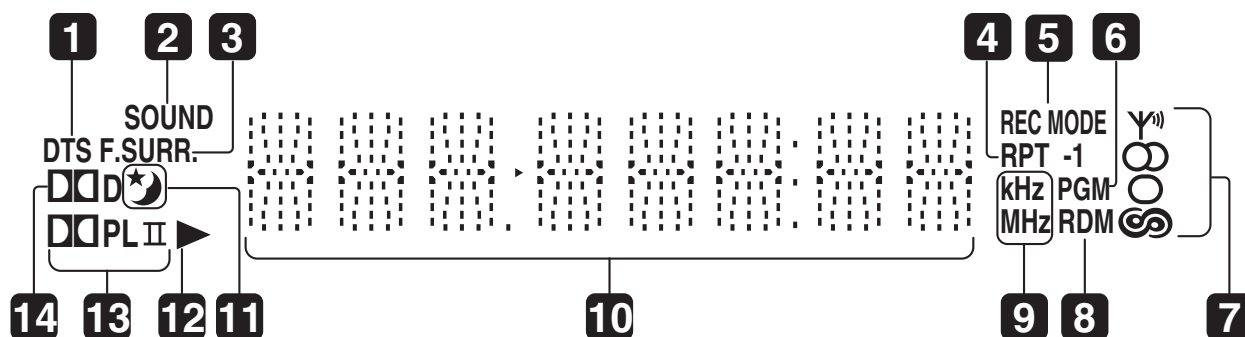
10 PHONES jack

Connect headphones.

11 USB interface

Connect a USB device for playback (see USB playback).

Display



1 DTS

Lights during playback of a DTS source.

2 SOUND

Lights when the Sound Retriever is active.

3 SURR.

Lights when one of the Advanced surround listening modes is selected.

F.SURR.

Lights when one of the Front Stage Surround Advance mode is selected.

4 RPT and RPT-1

RPTlights during repeat play. **RPT-1**lights during repeat one-track play.

5 REC MODE

Lights when Recording mode is on.

6 PGM

Lights during program play.

7 Tuner indicators

Y – Lights when a broadcast is being received.

◯ – Lights when a stereo FM broadcast is being received in auto stereo mode.

○ – Lights when FM mono reception is selected.

Ⓜ – Lights when in one of the RDS display or search modes.

8 RDM

Lights during random play.

9 kHz/MHz

Indicates the frequency unit shown in the character display (**kHz** for AM, **MHz** for FM).

10 Character display

11 ⌚

Lights when sleep timer is active.

12 ▶

Lights during playback.

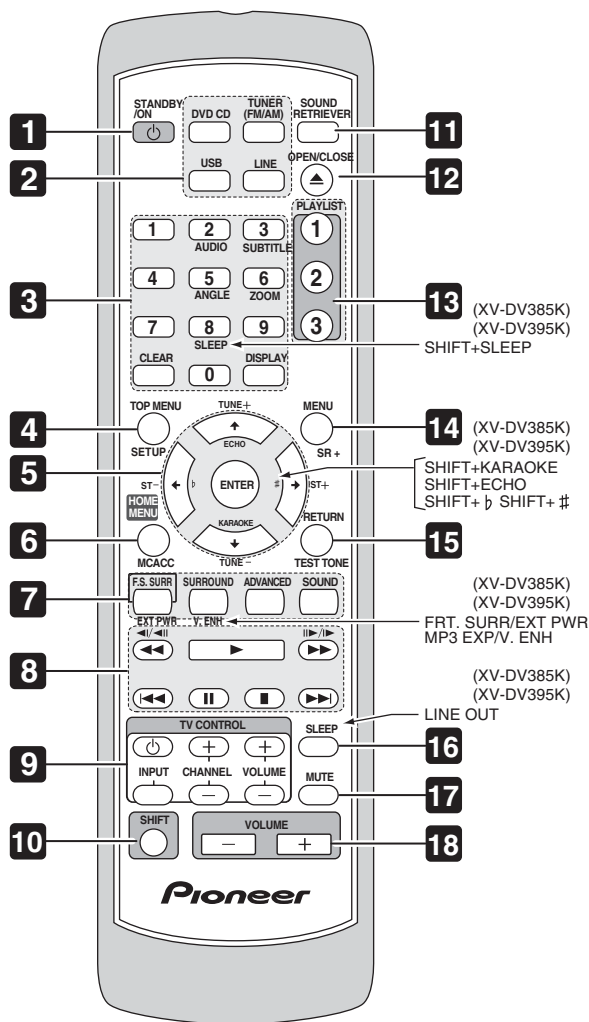
13 PL II

Lights during Dolby Pro Logic II decoding.

14 DD

Lights during playback of a Dolby Digital source.

A Remote control



1 STANDBY/ON

Switches the system on or into standby.

2 **Function select buttons**

Selects the source you want to listen to (DVD/CD, TUNER, USB, LINE).

3 **Number buttons, CLEAR, DISPLAY and DVD controls**

CLEAR

Clears an entry.

DISPLAY

Displays/changes disc information shown on-screen or to display RDS information.

SHIFT+AUDIO

Selects audio channel/language.

SHIFT+SUBTITLE

Displays/changes the subtitles.

SHIFT+ANGLE

Changes camera angle during DVD multi-angle scene playback.

SHIFT+ZOOM

Changes the screen zoom level.

4 TOP MENU—Displays the top menu of a DVD disc in the play position — this may be the same as pressing **MENU**.

SHIFT+SETUP — Use to make various system and surround sound settings.

5 **Cursor, ENTER and tuning buttons**

↑/↓/←/→ — Use the cursor buttons to navigate on-screen displays and menus.

ENTER— Selects an option or executes a command.

TUNE +/- — Tunes the radio.

ST +/- — Selects station presets when listening to the radio.

6 HOME MENU — Displays (or exits) the on-screen menu for Initial Settings, Play Mode functions, etc.

SHIFT+MCACC — Starts the Auto MCACC setup. (XV-DV575, XV-DV580)

7 **Sound controls**

F.S.SURR — Selects Front Stage Surround Advance mode.

SURROUND — Selects a Surround mode or switches to stereo playback.

ADVANCED — Selects a Pioneer original surround mode.

SOUND — Accesses the sound menu to adjust the tone, bass and treble, etc. .

8 **Playback controls**

See Basic playback controls, Disc playback features and USB playback for an explanation of these controls.

9 **TV CONTROL buttons**

These control Pioneer flat screen TVs.

10 **SHIFT**

Press to access the controls highlighted in green.

11 SOUND RETRIEVER —Press to restore CD quality sound to compressed audio sources.

12 **▲ OPEN/CLOSE**

Opens/closes the disc tray.

13 **PLAYLIST buttons**

Add tracks (during playback), or select a playlist (while stopped).

14 MENU — Press to display a USB menu, or the Navigator.

SHIFT+SR+— Sets the interlocking with the connected flat screen TV.

15 RETURN — Returns to a previous menu screen.

SHIFT+TEST TONE— Outputs the test tone (for speaker setup).

16 **SLEEP**

Press to set the sleep timer.

17 **MUTE**

Mutes the sound (press again to cancel).

18 **VOLUME +/-**

Adjusts the volume.

3. BASIC ITEMS FOR SERVICE

3.1 CHECK POINTS AFTER SERVICING

Check points after servicing (HTZ and system audio)

To keep the product quality after servicing, confirm recommended check points shown below.

No.	Procedures	Check points
1	Confirm the firmware version on Service Mode.	The version of the firmware must be latest. Update firmware to the latest one, if it is not the latest.
2	Confirm whether the customer complain has been solved. If the customer complain occurs with the specific disc, use it for the operation check.	The customer complain must not be reappeared. Video, audio and operations must be normal.
3	Confirm playback error rates at the innermost and outermost tracks by using the following disc. DVD test disc (GGV1025)	The error rates must be less than 5.0e-4.
4	Play back a CD. (track search)	Audio and operations must be normal.
5	Play back a DVD. (Menu operation, Title/chapter search)	Video, audio and operations must be normal.
6	Check the tuner (AM and FM) operations.	Audio and operations must be normal.
7	Check the sound from headphone output.	Sound must be normal, without noise.
8	Check the appearance of the product.	No scratches or dirt on its appearance after receiving it for service.

See the table below for the items to be checked regarding video and audio:

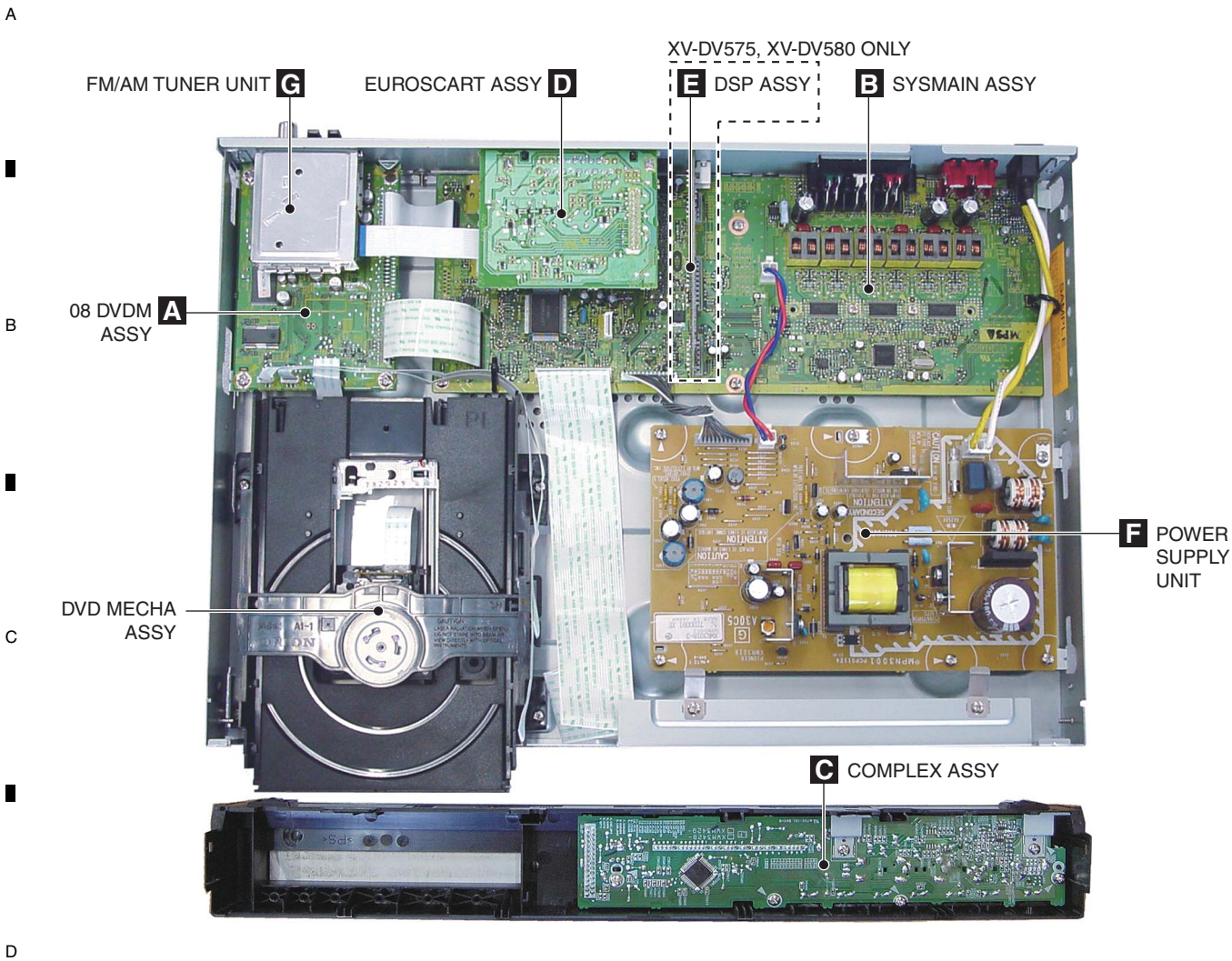
Item to be checked regarding video	Item to be checked regarding audio
Block noise	Distortion
Horizontal noise	Noise
Dot noise	Volume too low
Disturbed image (video jumpiness)	Volume too high
Too dark	Volume fluctuating
Too bright	Sound interrupted
Mottled color	

Cleaning



Before shipping out the product, be sure to clean the following positions by using the prescribed cleaning tools:

Position to be cleaned	Cleaning tools
Pickup lens	Cleaning liquid : GEM1004 Cleaning paper : GED-008



NOTES: ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.
● The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
LIST OF ASSEMBLIES							
E	1..08 DVDM ASSY	(XV-DV575, XV-DV580)	AWM8118		1..COMPLEX ASSY	(XV-DV575, XV-DV580)	XWM3429
	1..08 DVDM ASSY	(XV-DV385K, XV-DV395K)	AWM8105		1..COMPLEX ASSY	(XV-DV385K, XV-DV395K)	XWM3428
	1..DSP ASSY	(XV-DV575, XV-DV580 ONLY)	AWX8706	NSP	1..NHTS JACK ASSY		AWM8034
	1..SYSMAIN ASSY	(XV-DV575)	XWM3392		2..EUROSCART ASSY		AWU8291
	1..SYSMAIN ASSY	(XV-DV580)	XWM3395	⚠	1..POWER SUPPLY UNIT		XWR3018
F	1..SYSMAIN ASSY	(XV-DV385K)	XWM3391		1..FM/AM TUNER UNIT		AXX7248
	1..SYSMAIN ASSY	(XV-DV395K)	XWM3394		1..DVD MECHA ASSY	(for service)	A2ZX01A650

3.3 JIGS LIST

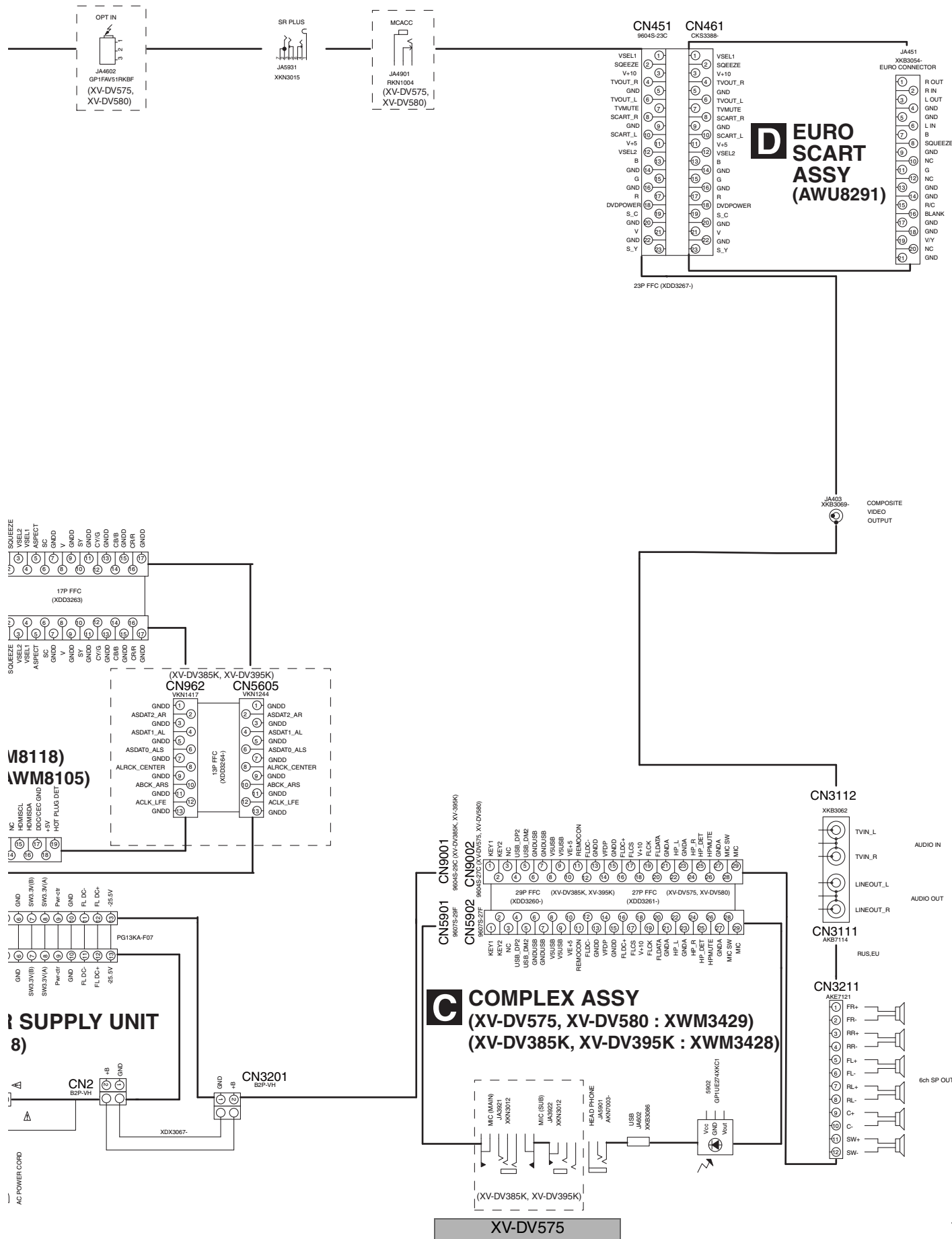
■ Jigs list

Name	Jig No.	Remarks
Service Remote Control Unit	GGF1381	Adjustment, diagnosis
DVD Test Disc (DVD-Video)	GGV1025	Check of DVD-Video
CD Test Disc	STD-905	Check of CD
DVD Data Disc	GGV1309	ID data setting
Speaker Cable with terminal	SDS1174 (FL/WHITE) SDS1175 (FR/RED), SDS1176 (SL/BUE) SDS1177 (SR/GRAY), SDS6050 (C/GREEN)	For checking audio at the SP terminal

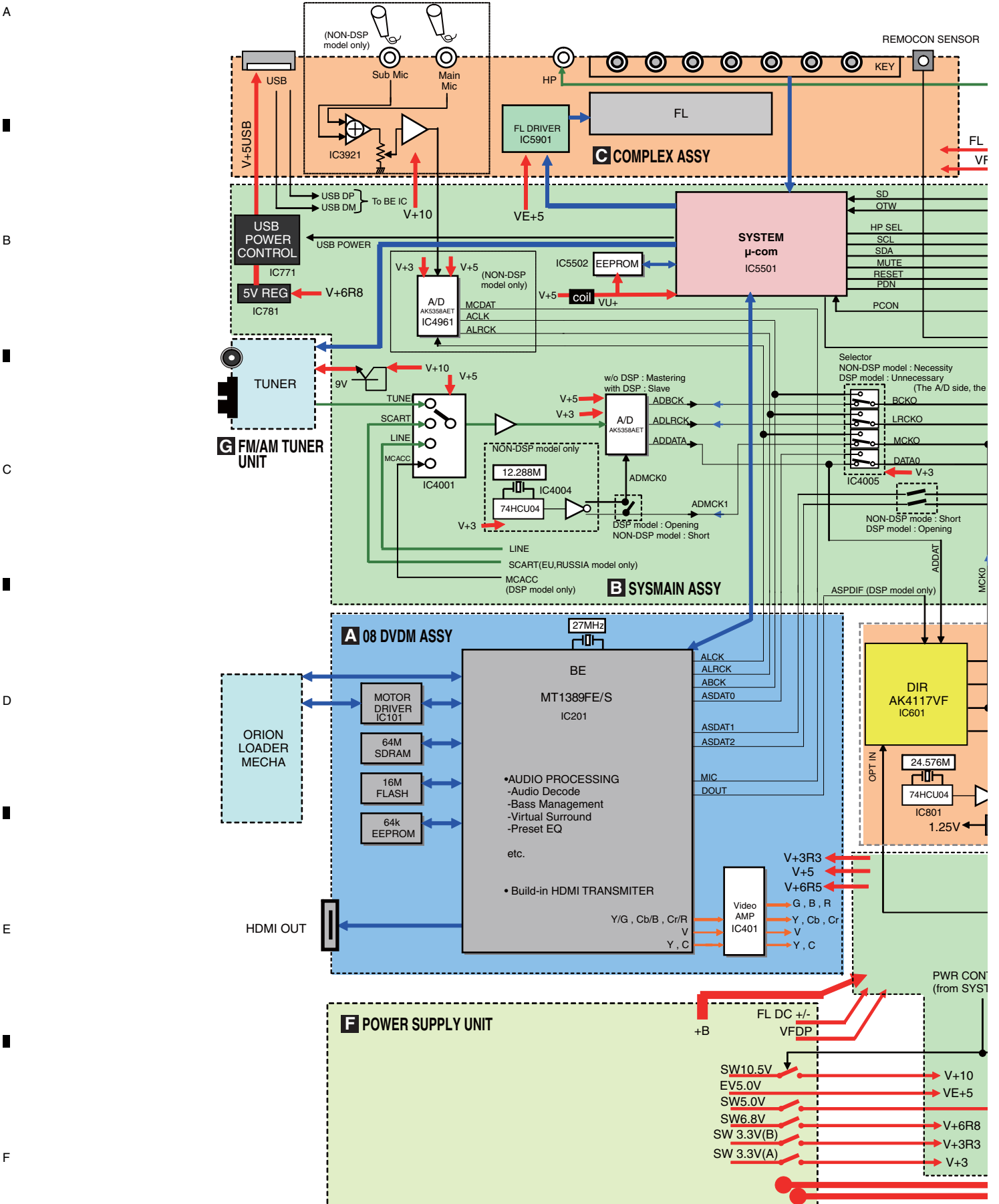
■ Lubricants and Glues list



Name	Lubricants and Glues No.	Remarks
Daifree	GEM1036 (ZLX-ME413A)	Refer to "9.3 DVD MECHA ASSY"
Lubricating oil	GYA1001 (ZLB-PN397B)	Refer to "9.3 DVD MECHA ASSY"
Grease	GEM1018	Refer to "9.3 DVD MECHA ASSY"

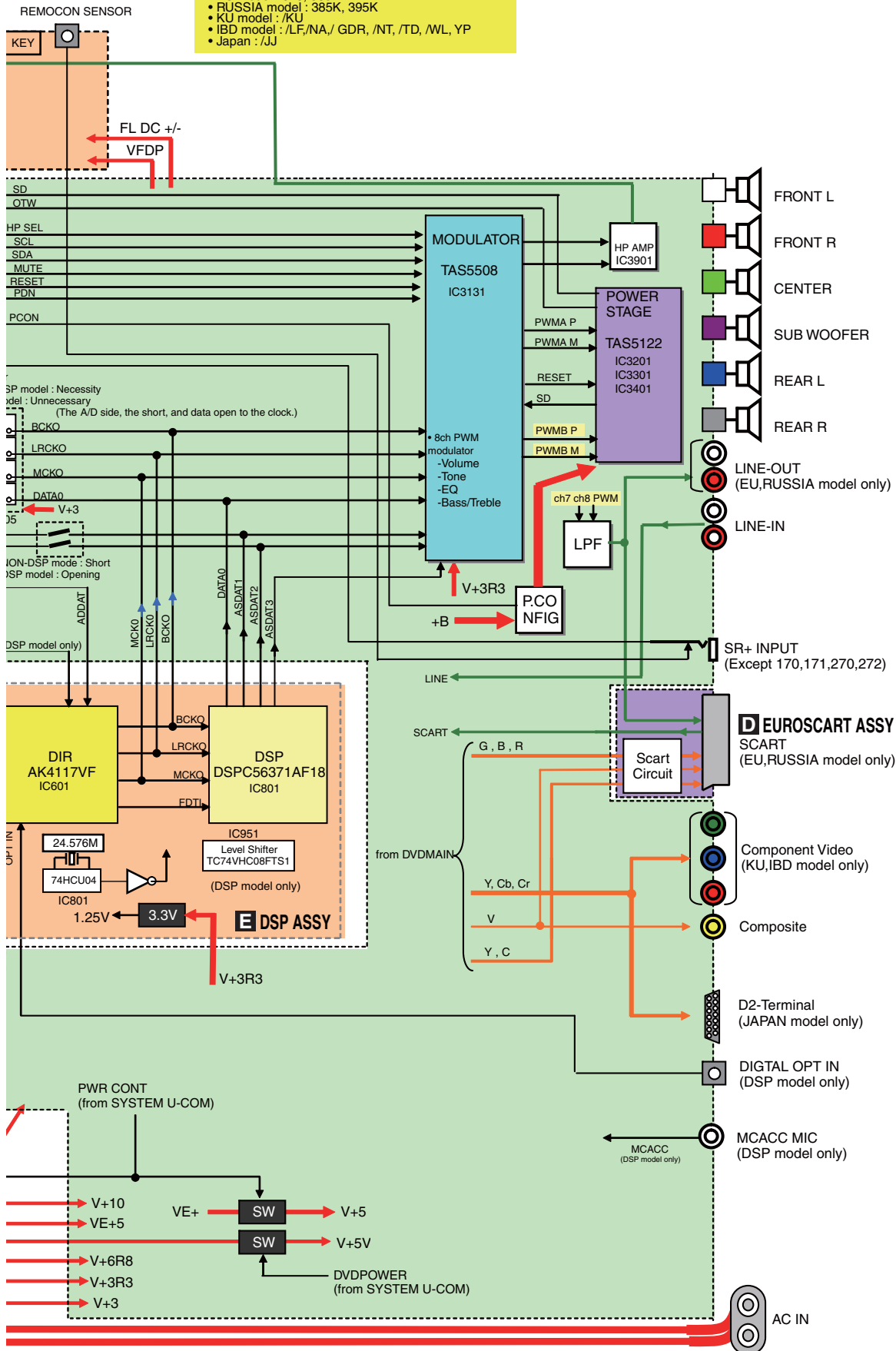


4.2 OVERALL BLOCK DIAGRAM



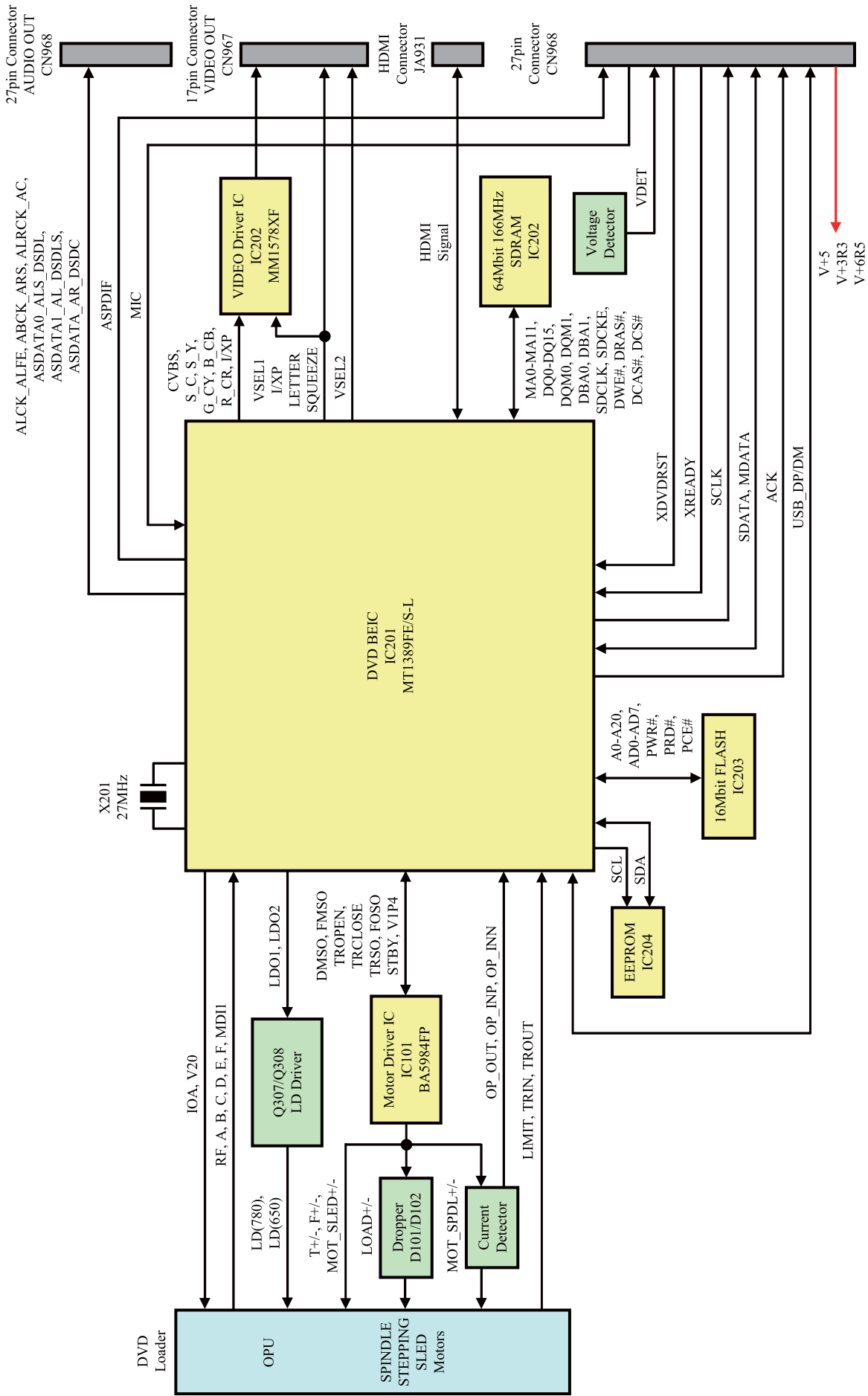
※ NOTES for destination

- NON-DSP model : 385K, 395K, 170, 171, 270, 272
- DSP model : 373, 575, 580, 777
- EU model : 575, 580
- RUSSIA model : 385K, 395K
- KU model : /KU
- IBD model : /LF/NA/ GDR, /NT, /TD, /WL, YP
- Japan : /JJ



4.3 DVD LOADER/DECODER BLOCK DIAGRAM

DVD Loader/Decoder Block Diagram



5. DIAGNOSIS

5.1 METHOD FOR DIAGNOSING DEGRADATION OF THE LDS ON THE PICKUP

Case when this diagnosis is required :

When playback of any disc, including a test disc (DVD: GGV1025, CD: STD-905), cannot be performed

■ How to diagnose

In the case mentioned above, degradation of the laser diodes (LDs) mounted on the Pickup PCB is suspected. Measure the voltage between the two ends of one of the resistors mentioned below.

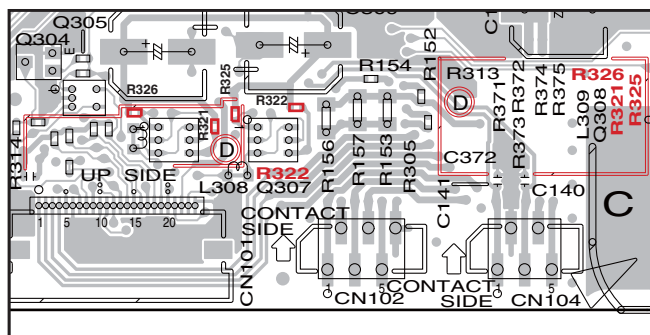
- **No playback of a DVD :**

Measure the voltage between the two ends of R322 or R325 on the 08 DVDMM Assy. If the voltage is 0.4 V or higher, the 650-nm LD is degraded.

- **No playback of a CD :**

Measure the voltage between the two ends of R321 or R326 on the 08 DVDMM Assy. If the voltage is 0.4 V or higher, the 780-nm LD is degraded.

If the measurements show degradation of an LD, replace the DVD MECHA Assy.



A 08 DVDM ASSY **SIDE A**

5.2 DVD TROUBLE SHOOTING

● Symptoms that may occur when any of the following ICs is in failure

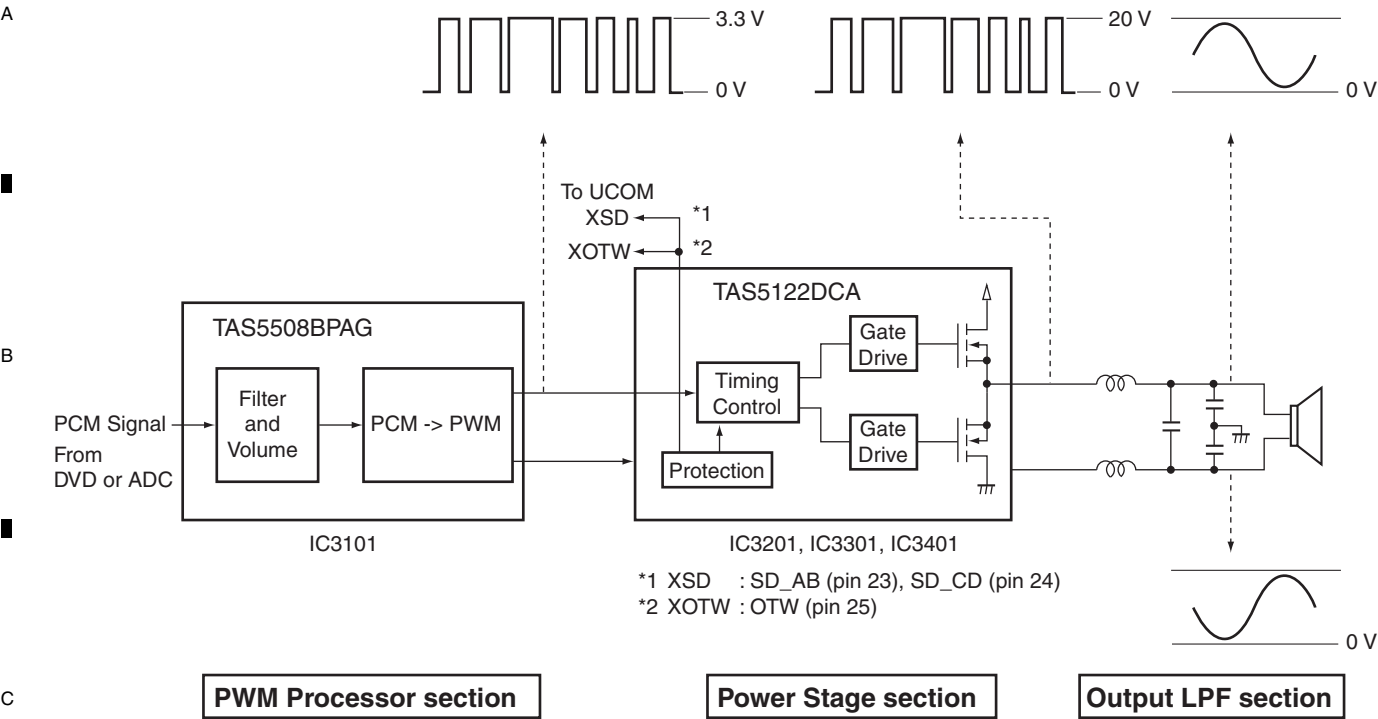
IC	Symptoms
EEP ROM (08 DVDM Assy : IC204)	User's data cannot be stored in memory. The ID number is lost.
Flash ROM (08 DVDM Assy : IC203)	The power cannot be turned on. Downloading of the firmware cannot be performed.
DVD IC (08 DVDM Assy : IC201)	Any kind of symptoms (no power, a failure in any of the servo, video and audio systems, USB etc.) may be generated, because the DVD processing is performed by a single chip.
64M SDRAM (08 DVDM Assy : IC202)	No power. Block noise is generated during playback.

No.	Symptoms	Diagnosis Contents	Possible Defective Points
1	The power is not turned on.	Are wires of output connector (POWER SUPPLY Unit) and CN968 (08 DVDM Assy) disconnected or damaged ?	Connector / cable
		Check that the following voltage is output : CN968-pin 24 or pin 25 (08 DVDM Assy): 3.3 V	POWER SUPPLY Unit
2	An opening screen is not displayed on the monitor (The FL display lights. The mechanism does not work.)	Are the signals output from IC201-pin 97 (MDATA) and pin 98 (SCLK) on the 08 DVDM Assy ? (in the range of 0 - 3 V)	08 DVDM Assy DVD IC (IC201)
		Are the signals input into IC5501-pin 50 (MDATA) and pin 51 (SCLK) on the SYSMAN Assy ? (in the range of 0 - 3V)	SYSMAN Assy UCOM (IC5501)
		Check that the following voltage are output : Q1302-collector on the SYSMAN Assy: 5V	POWER SUPPLY Unit / SYSMAN Assy Q1302
		Is a resonator (X201: 27 MHz) on the 08 DVDM Assy oscillating ?	08 DVDM Assy Crystal resonator (X201) DVD IC (IC201)
		- Is a signal input into IC203-pin26 (PCE#) on the 08 DVDM Assy ? (Is a signal "H" for 80 ms and then "L" after the power is turned on ?) -> Communication with flash ROM. - Are the signals input into IC202-pin 16 (DWE#), pin 19 (DCS#) and pin 38 (SDCLK) on the 08 DVDM Assy ? (Is a signal fluctuating ?) -> Communication with SDRAM	08 DVDM Assy DVD IC (IC201) Flash ROM (IC203) SDRAM (IC202)
		Is a signal output from IC203-pin 28 (PRD#) on the 08 DVDM Assy? (Is a signal fluctuating for several hundred ms after the power is turned on ?)	08 DVDM Assy Flash ROM (IC203)
		Is a signal input into IC5501-pin 67 (DVD ACK) on the SYSMAN Assy ? (Is a signal fluctuating ?) -> Communication with FL Control IC	08 DVDM Assy DVD IC (IC201) SYSMAN Assy UCOM (IC5501)
		Is a signal output from IC5501-pin 78 (XREADY) on the SYSMAN Assy ? (Is a signal fluctuating in the range of 0-5V ?)	SYSMAN Assy UCOM (IC5501)
		Are the signals output from IC5501-pin 49 (SDATA) on the SYSMAN Assy ? (in the range of 0-5V)	08 DVDM Assy DVD IC (IC201) SYSMAN Assy UCOM (IC5501)
3	An opening screen is not displayed on the monitor (The FL display lights. The mechanism works.)	Are the signals of IC204-pin 5 (SDA) and pin 6 (SCL) on the 08 DVDM Assy fluctuating for one or two seconds after the power is turned?	08 DVDM Assy EEPROM (IC204)
		Check the video signal path between DVD IC (08 DVDM Assy IC201) and video-out terminal (see the block diagram)	08 DVDM Assy Video circuit after DVD IC (IC201)

No.	Symptoms	Diagnosis Contents	Possible Defective Points
4	A tray cannot be opened. (An opening screen is displayed on the monitor)	Does the voltage of CN965-pin 3 and pin 5 on the 08 DVDM Assy change normally ? Pin 3 (CLOSE (TRIN)): Tray is fully closed: "L" Pin 5 (OPEN (TROUT)): Tray is fully opened: "L"	DVD MECHA Assy Switch (SW1)
		Is the signal input into IC101-pin 1 (TROPEN) on the 08 DVDM Assy? At open: 3.3 V, At close: 0 V	08 DVDM Assy DVD IC (IC201)
		Are the signals output from CN965-pin 5 and pin 4 on the 08 DVDM Assy ? Pin 5: Approx. 5 V during opening tray approx. 1 V during closing tray. Pin 4: Approx. 0 V during opening tray approx. 6 V during closing tray.	08 DVDM Assy FTS Driver IC (IC101)
		Are wires of CN964 and CN965 on the 08 DVDM Assy disconnected or damaged ?	Connector / cable
		Does the voltage of CN964-pin 5 on the 08 DVDM Assy change to 0 V by pressing the Push switch.	Push switch (SW2)
5	Playback impossible (no focusing)	Are the signals output from IC101-pin 16 (F+) and pin 15 (F-) on the 08 DVDM Assy ?	08 DVDM Assy FTS Driver IC (IC101)
		Does 650-nm LD emit light ? Does a pickup lens move up / down ? Does an actuator spring bend ?	Pickup
		Are plastic parts damaged ? Or is a shaft detached ? Is the turntable detached or tilted ?	Mechanism section (motor)
		Is flexible cable of CN965 on the 08 DVDM Assy disconnected or damaged ?	Flexible cable / connector
		Is signal output from IC201-pin 41 (FOSO) on the 08 DVDM Assy ? (Device control of about 1.4 V is output usually. It is fluctuated by about 250 mV with focus up / down.)	08 DVDM Assy DVD IC (IC201)
6	Playback impossible (Spindle does not turn)	Are the signals output from IC101-pin 12 (MOT_SPDL-) and pin 11 (MOT_SPDL+) on the 08 DVDM Assy ? Is pin 21 (STBY) fixed LOW ? (pin 21 is High at playback: 3 V)	08 DVDM Assy FTS Driver IC (IC101)
		Is there any part detached from the spindle motor ? Or Is there any foreign object lodged in it ?	Mechanism section (Spindle motor)
		Are wires of CN964 on the 08 DVDM Assy disconnected or damaged ?	Flexible cable / connector
		Is signal output from IC201-pin 36 (DMSO) on the 08 DVDM Assy ?	08 DVDM Assy DVD IC (IC201)
7	Playback impossible (Playback stops)	Does 650-nm LD deteriorate ? If the voltage at each both ends of R322 and R325 on the 08 DVDM Assy is 0.4 V or more, the 650-nm LD is definitely deteriorated.	650-nm LD deteriorated. (When playback of a DVD is impossible)
		Does 780-nm LD deteriorate ? If the voltage at each both ends of R321 and R326 on the 08 DVDM Assy is 0.4 V or more, the 780-nm LD is definitely deteriorated.	780-nm LD deteriorated. (When playback of a CD is impossible)
		Are there scratches or dirt on the disc ?	Disc
8	Picture disturbance during playback (block noise, freeze, other)	Are there scratches or dirt on the disc ? Is there a problem with the format of the disc ?	Disc
		Check the video signals. Composite video signal (IC401-pin 23) S video signal (IC401-pin 21, pin 26) RGB video signal (IC401-pin 16, pin 18, pin 20)	08 DVDM Assy DVD IC (IC201) Video IC (IC401)
9	No sound (Picture is normal)	Check the waveform (ALCK: IC201-pin 231), (ALRCK: IC201-pin 227), (ABCK : IC201-pin 230), (ASDATA0/1/2: IC201-pin 226/225/223). Check the waveform (ASPDI: IC201-pin 215)	08 DVDM Assy DVD IC (IC201)

1 2 3 4

5.3 CIRCUIT DESCRIPTION OF DIGITAL AMP SECTION



D

PWM Processor section

The PCM signals output from the DVD decoder or AD converter are input to this section, and their volume and sound quality are digitally adjusted. At the output stage, after conversion from PCM to PWM, the signals are output to the Power stage.

E

Power Stage section

In this section, timing is controlled so that the MOSFETs on the high and low sides will not be turned on simultaneously. The voltage of the PWM signals are raised to drive the gates of the MOSFET, and the PWM signals to drive the speakers are output from the MOSFET at the output stage. Detection and protection functions against short-circuiting of the output signals and temperature exceeding the standard value are also provided.

If the detection and protection work, the ports of the power stage ICs become the following state.

Power Stage ICs No.	Protection Enable State
IC3201	SD_AB (pin 23) => L
IC3301	SD_CD (pin 24) => L
IC3401	OTW (pin 25) => L

F

Output LPF section

The carrier elements, high-frequency signals that are unnecessary for these speakers, are eliminated. The signals passed through the LPF will become sine-wave signals, as shown in the figure above.

5.4 SPECIFICATIONS OF PROTECTION CIRCUITS FOR DIGITAL AMP SECTION

The protection circuits for the Digital Amplifier are activated, following the specifications shown below. The error indication on the FL display shows the reason a protection circuit was activated.
Upon diagnosis of the Digital Amplifier, refer to the specifications for the protection circuits here and the overview of the Digital Amplifier circuitry.

1. Overview

The system microcomputer monitors the ports for shutdown requests (pin 23: SD_AB and pin 24: SD_CD) and the ports for abnormal-temperature detection (pin 25: /OTW) of the Power Stage ICs (IC3201, IC3301, and IC3401). As soon as any abnormality is detected, it shuts the unit down.

To notify the user of the possibility of a too high a volume, when the unit is turned on the next time, the volume level will be set to 0, and an error message will be displayed on the FL display.

2. Ports on the system microcomputer to be used for detection

Pin 77: SHUTDOWN

Low voltage at this pin means overcurrent or voltage too low (= V+B27) at a Power Stage IC.

Pin 79: XOTW

Low voltage at this pin means the temperature at the Power Stage ICs exceeded 125 °C.

Note: As one Power Stage IC is provided with two channels, three Power Stage ICs (in total 6 channels) are mounted in this unit. For abnormality detection, the unit implements a logical OR operation regarding these three ICs. Therefore, which IC is abnormal cannot be known directly. To find which IC is abnormal, it is required to check the PWM outputs (pins 35, 38, 47, 50) of the each power stage ICs (IC3201, IC3301, IC3401).

3. Detection timing

Start : Detection starts 500 ms after the PWRCONT port (pin 84) of the system microcomputer becomes active by your pressing the STANDBY/ON key.

Finish : When the STANDBY/ON key is pressed again (when the power-off process starts).

4. Operation of the protection circuits

The following three protection circuits are activated when the conditions shown below are met:

Overcurrent detection: Indication on the FL display: OC ERROR

Conditions: If the SHUTDOWN ports, which are monitored every 10 ms, become low 7 times in succession

Abnormal temperature detection 1: Indication on the FL display: OVERTEMP

Conditions: If the XOTW ports, which are monitored every 10 ms, become low in succession for one minute.

Abnormal temperature detection 2: Indication on the FL display: OVERTEMP

(Prerequisite: The XOTW ports, which are monitored every 10 ms, become low three times in succession.)

Conditions: The above prerequisite is upheld, and the conditions for an overcurrent detection are met.

Abnormal temperature detection 3: Indication on the FL display: OVERTEMP

Conditions: The PCONFIG ports (pin 21), which are monitored every 30 ms, become more than 2 Vrms more than 45 % in one minute.

5. Process when the protection circuits are activated

The unit is shut down within 30 ms after abnormality detection then the volume level is set to 0. The unit can be turned on immediately after the shutdown.

6. SERVICE MODE

6.1 TEST MODE

A ■ Test Mode Functional Specification

① Test mode entry

In the power ON state, press the [ESC] key and [TEST] key in order of the Test mode remote control unit.

- OSD displays test mode.

② LD ON

Enter the test mode.

DVD : Press the [TEST] and [1] keys in order, and turn on the laser diode (650 nm).

CD : Press the [TEST] and [4] keys in order, and turn on the laser diode (780 nm).

B

③ Release the Test mode

- Turn off the power.
- Press the [ESC] key of the remote control unit and reset it.

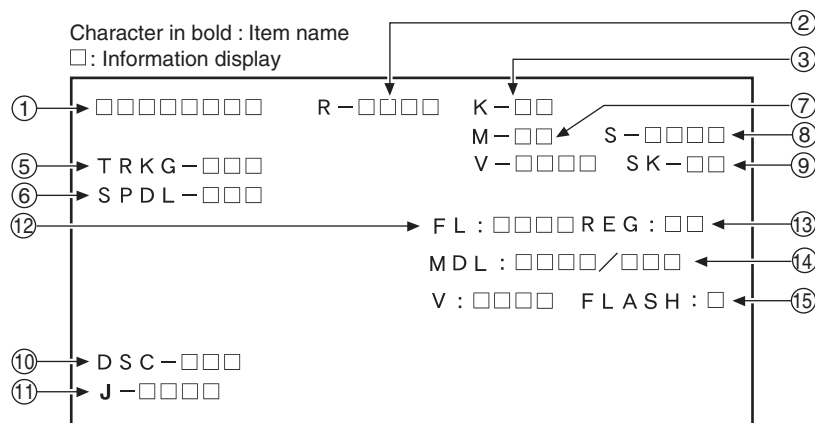
C

D

E

F

6.2 DISPLAY SPECIFICATIONS OF THE TEST MODE



① Address indication

The address being traced is displayed in number.
(as for the DVD, indication of decimal number is possible.)
DVD : ID indication (hexadecimal number, 8 digits)

CD : ID indication [*****]

② Code indication of remote control unit [R - ****]

In case of double code, display a 2nd code.

③ Main unit keycode indication [K - **]

⑤ Tracking status [TRKG - ***]

Tracking on : [ON]
Tracking off : [OFF]

⑥ Spindle status [SPDL - ***]

CLV : [CLV]
Off : [OFF]

⑦ Mechanism (loading) position value [M - **]

Unknown : [01] or [41]
Open state : [04]
Close state : [08]
During opening : [12]
During closing : [22]

⑧ Slider position [S - ****]

In Side Switch ON : [01]
In Side Switch OFF: [00]

⑨ Output video system [V - ****]

NTSC system : [NTSC]
PAL system : [PAL]
Automatic setting: [AUTO]

Scart terminal output [SK - **]

(Display only the WY model which can do the output setting of scart terminal.)

VIDEO : [00]
S-VIDEO : [01]
RGB : [02]

⑩ Disc sensing [DSC - ***]

The type of discs loaded is displayed.
[DVD], [CD]

⑪ Jitter value [J - ****]

Note: Don't use it.

⑫ Version of the FL controller [FL: ****]

Note: Don't use it.

⑬ Region setting of the player [REG: *]

Setting value : [1] to [6]

⑭ Destination setting of the FL controller [MDL: ****/****]

Four characters in the front represent code 01.
Three characters in the back represent the destination code.
J: Japan, K: North America, R: General Area,
LB: Taiwan, WY: Europe, TH: Thai, RAM: China

⑮ Version of the flash ROM [V: **. **]

Flash ROM size [FLASH = **]

6.3 FUNCTIONAL SPECIFICATIONS OF THE SHORTCUT KEY

A Only during normal playback, the following shortcut keys can be assigned by pressing a required key after pressing the ESC key of the remote control unit. To quit, press the ESC key

Command Contents	Conditions	Remote Control Key Name
Memory clear and region / revision indication		CLEAR (*1)
Average value measurement of DVD error rate		5 (*1)
CD error rate measurement		5 (*1)
Scart terminal output : VIDEO	Models equipped with Scart terminal	AUDIO
Scart terminal output : S-VIDEO		SUBTITLE
Scart terminal output : RGB		ANGLE
Progressive OFF	Only for progressive models	R_SKIP
Progressive ON		F_SKIP
HDMI Resolution : 1920 x 1080p	Only for HDMI models	PROGRAM
FL indication of ID number		STEREO (*1)
ZOOM ON (x4)		ZOOM
Service mode indication (error rate indication, etc.)		CHP/TIM (*1)
Model information indication		CHAP (*1)
Title search Input mode IN Title No. input Search execution		SIDE A (*1) Numbers (*1) PLAY (*1)
Region confirmation mode		A.MON (*1) Numbers (*1)

*1 : Test mode remote control unit

- **Service mode indication (ESC + CHP/TIM keys)**

ID Address
The error rate is always displayed in exponential notation, e.g., *. * * e - *, for both DVDs and CDs.
EDC/ID/AV 1 error history (ID Address, EDC/ID Error, last eight errors)
- **Calculation of the average error rate (ESC + "5" [Test mode remote control unit] keys)**

The average of the last eight error rates is calculated and indicated in exponential notation. After the calculation is completed, "OK" or "NG" is displayed. If "NG" is displayed, the disc tray will open (for both DVDs and CDs)
For DVDs: OK with 5.0e-4 or less, for CDs: OK with 7.6e-3 or less
- **Indication of model information (ESC + CHAP keys)**

For details, see 6.4.
- **Region confirmation mode (ESC + A.MON [Test mode remote control unit] + "1"- "6" [Test mode remote control unit] keys)**

After you press the A.MON key while holding the ESC key pressed and then input the region number, if the number is different from that set in the unit, an error message is displayed, and the tray opens.

E

■

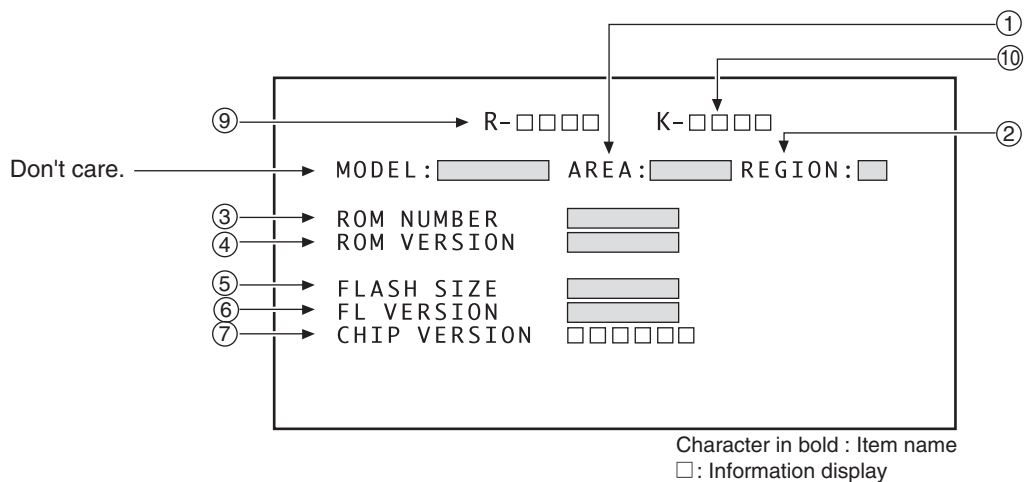
F

6.4 SPECIFICATIONS OF MODEL INFORMATION DISPLAY

To display model information : Press the ESC key then the CHAP key.

To close the model information display : Press the ESC key.

• Display contents



① Destination indication

Display it according to model information set from the FL controller.

② Region No.

③ Part number

④ ROM version

⑤ Flash size

⑥ FL controller version

⑦ CHIP VERSION

⑨ Remote control code

⑩ Key code of Main unit

- A
- **Display during Service Mode**

To enter Service Mode, press the CHP/TIM key while holding the ESC key pressed.
To quit, press the ESC key.

Service mode display

- ① ID Address
- ② Error rate (always displayed), in exponential notation
- ERROR RATE : * * * * *
- (* * * *)
- Number of error

- B
- Calculation of the average error rate

For DVDs: OK with 5.0e-4 or less, for CDs: OK with 7.6e-3 or less

ex) For DVDs

- Step 1

△△e - □

△△e -6 : OK

△△e -5 : OK

△△e -4 : Refer to Step 2

△△e -3 : NG

△△e -2 : NG
- Step 2

△△e -4

3.0e -4 : OK

4.0e -4 : OK

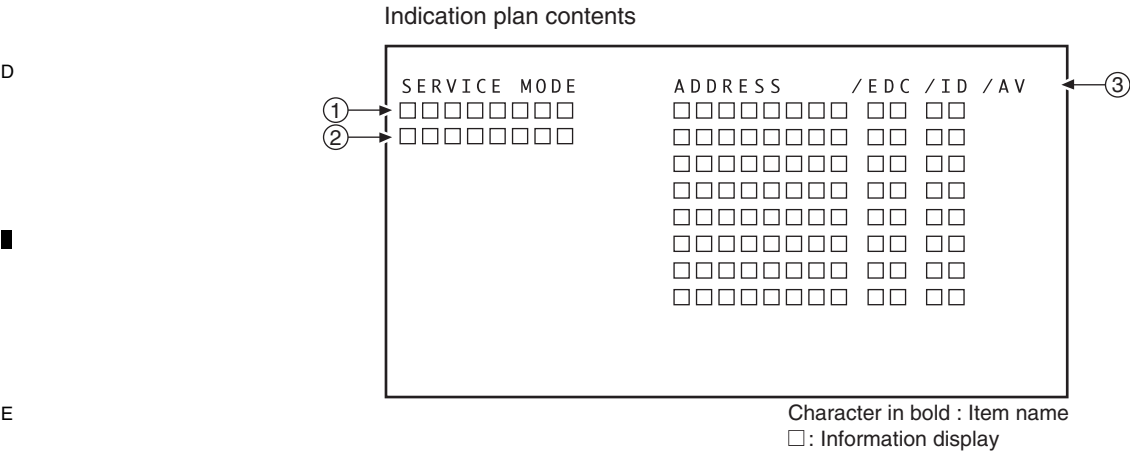
5.0e -4 : OK

6.0e -4 : NG

7.0e -4 : NG

- ③ EDC/ID error history (ID Address, EDC/ID errors, last eight errors)

Note:
* Error of AV1 is not supported in this player.



6.6 SERVICE TEST MODE

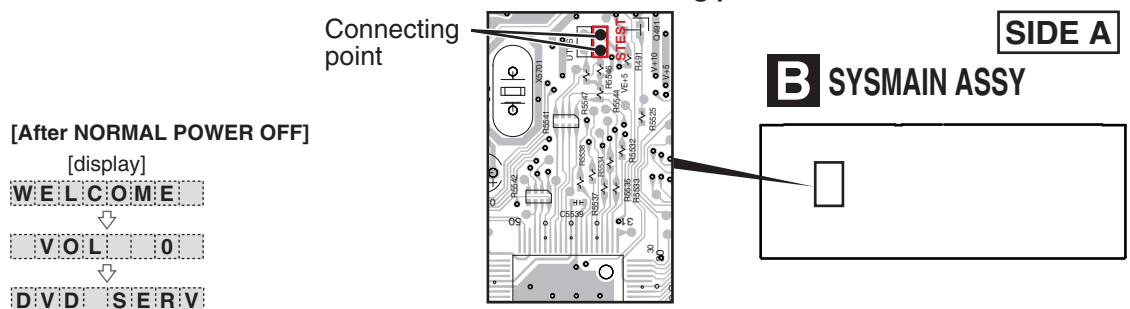
1. Configuration and conditions during checking

- Emergency shut down will not happen even if breakdown happens in the Service Test mode. (Just ignore it)
- POWER ON in test mode can be done in less than 1 minute even when emergency shut down happens when error is detected.
- Total power on time can be checked.

2. Switching to the Test Mode

- AC power on when the STTEST port (pin 43) is set to HIGH (5 V).
* Initial function is DVD/CD.
- AC power on by pressing the STOP key and POWER key on the front panel at the same time.
The set will automatically power on and the following display will appear.
- The FL display during TEST MODE entry is different depending on whether NORMAL POWER OFF occurred before entering the TEST MODE or EMERGENCY SHUT DOWN occurred due to error detection.

Service Test Mode connecting point



[After AMP error]
[display]
PRTCT E
VOL 0
DVD SERV

[After DVD error]
[display]
DVD PRTCT
VOL 0
DVD SERV

[After EEPROM error]
[display]
EEP ERR
VOL 0
DVD SERV

[After ABNORMAL TEMP. DETECTION]
[display]
OVERTEMP
VOL 0
DVD SERV

[After OVERCURRENT DETECTION1]
[display]
OC ERR 1
VOL 0
DVD SERV

[After OVERCURRENT DETECTION2]
[display]
OC ERR 2
VOL 0
DVD SERV

- * Either POWER OFF or AC OFF to get out from TEST MODE.
- * When the TEST MODE is released, only the RAM which stores the error status will be initialized.
(RAM that can be set by the user will not be initialized.)

3. Operation

- Basically, operation is the same as the NORMAL MODE.
However, the following display will be indicated when function is changed to show that the TEST MODE is in operation.

[For DSP Model Only]		
[Function]	[display]	
DVD/CD	DVD SERV	
USB	USB SERV	
TUNER	TX SERV	
LINE1	LN1 SERV	(Digital input for Japan and IBD model, SCART for Europe)
LINE(2)	LN2 SERV	(Analog input for Japan and IBD model, digital for Europe)
LINE(3)	LN3 SERV	(Europe only, analog input)

A

[For NON-DSP Model Only]

[Function]	[display]
DVD/CD	D V D S E R V
USB	U S B S E R V
TUNER	T X S E R V
LINE1	L N 1 S E R V (Europe)
LINE(2)	L N 2 S E R V (general Line function)

B

[Only for models without DSP]

- When function is switched to LINE 2 (LINE for areas beside Europe, Japan), SURROUND mode will switch to X-STEREO (5CH STEREO) just for the TEST MODE. (NORMAL MODE: 2CH STEREO)

At this point, sound checking can't be done using HP.

(HP operation cannot be guaranteed for X-STEREO (5CH STEREO))

All functions, other than LINE2 (LINE for areas besides Europe) can be used for sound checking using HP.

C

[Models with DSP]

- Change the ADV mode to X-STEREO (5 ch STEREO) mode for multi CH output.

D

4. Errors

- BREAKDOWN CATEGORY: Depends on the error displayed during POWER ON.

E

P R T C T E**Protect circuit is operating.**

- Depending on the different power supply abnormalities, V+10, V+5, V+3R3 short-circuit occurred or V+10, V+5, V+3R3 has exceeded the stipulated standardized values.

F

- In the system microP (PDC175A, PDC176A) somewhere, the XPROTECT line has either shorted to ground or has been disconnected.

D V D P R T C T**Abnormal DVD.**

- Depending on the power supply abnormalities, V+6R8, V+5V, V+3 short-circuit occurred or V+6R8, V+5V, V+3 has exceeded the stipulated standardized values.
- In the system microP (PDC175A, PDC176A) somewhere, the VDET line has either short to ground or disconnected.

G

E E P E R R

- Communication line to the EEPROM could either be disconnected or short.
- The EEPROM IC itself could be faulty.

H

O C E R R 1

- If error display does not come on again when POWER ON in the NORMAL MODE, this could mean that the speaker terminal is short.
- If error display comes on, the following conditions are some possibilities:
 - In the AMP Block, either one or more of the digital amp IC has broken down.
 - Short-circuit occurred somewhere between the faulty IC(s) and speaker terminal.
 - The XSD SHUTDOWN line has either short to ground or disconnected somewhere between the faulty digital amp IC and system microP (PDC175A, PDC176A).

I

O C E R R 2

- The error is mainly caused by the short circuit at the POWER SUPPLY Unit .
- The error will also occur when V+BSW is too low.

J

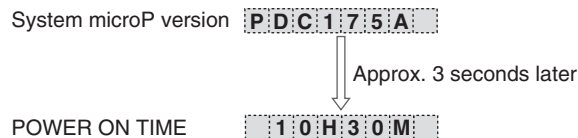
K

O:V:E:R:T:E:M:P

- No abnormality if "OVERTEMP" display does not come on when POWER ON in the NORMAL MODE again.
(The TEMP could have just gone up temporarily. Try reducing the volume)
- When the "OVERTEMP" display comes on again, the following conditions are some possibilities:
 1. In the AMP Block, either one or more of the digital amp IC has broken down.
 2. The XOTW line has either short to ground or disconnected somewhere between the faulty digital amp IC(s) and system microP (PDC175A, PDC176A).

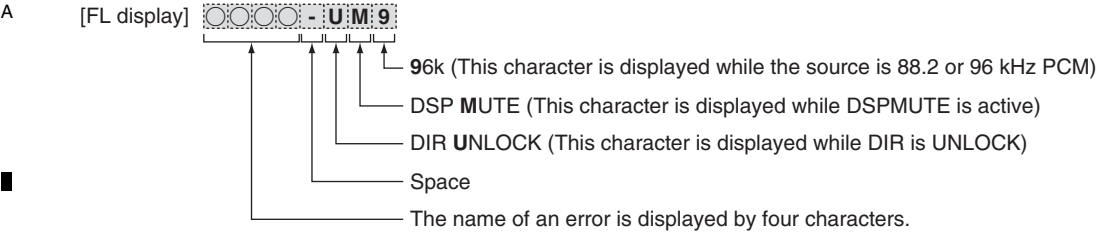
5. Total Power on Time Display

- If STOP key is pushed continuously for 8 sec during POWER ON, the total POWER ON time will come on after the system microp version display.

**6. DSP Error Display (for models with DSP only)**

- During POWER ON, you can switch between DSP error display <=> Normal display when the SOUND key on the remote control is pressed.

6.7 DISPLAY SPECIFICATIONS OF DSP ERROR



[Example]

B	ERR.0	D I E R - U M	Cannot receive data from the DIR --> Probably due to faulty DIR or bad connection
	ERR.1	D S E R - U M	Cannot receive data from the DSP --> Faulty communication between DIR and DSP --> Probably due to faulty DSP or connection on the circuit board
	ERR.2	H R E Q - U M	No HREQ return value --> Probably due to faulty DSP
	ERR.3	D S N G - U M	DSP error message --> Faulty communication between the DIR and DSP --> Probably due to faulty DSP
C	ERR.4	D M U T - M	DECMUTE on all the time --> Faulty communication between the DIR and DSP --> Probably due to faulty DSP
	NO ERR	D S O K - 9	96 kHz source play (the source is 88.2/96 kHz.)
	NO ERR	D S O K -	No abnormality (the source is not 88.2/96 kHz.)

D

DSP error message mode

Press "SOUND" button in service test mode to show DSP error message displays.
Press "SOUND" again to select normal service test mode.
This means that the usual function of "SOUND" is not effective in the service test mode.

E

F

7. DISASSEMBLY

Note 1: Do NOT look directly into the pickup lens. The laser beam may cause eye injury.

Note 2: Even if the unit shown in the photos and illustrations in this manual may differ from your product, the procedures described here are common.

Disassembly

1 Bonnet, Tray Panel

① Remove the bonnet by removing the nine screws.

① Press the STANDBY/ON button to turn on the power.

② Press the OPEN/CLOSE button to open the tray.

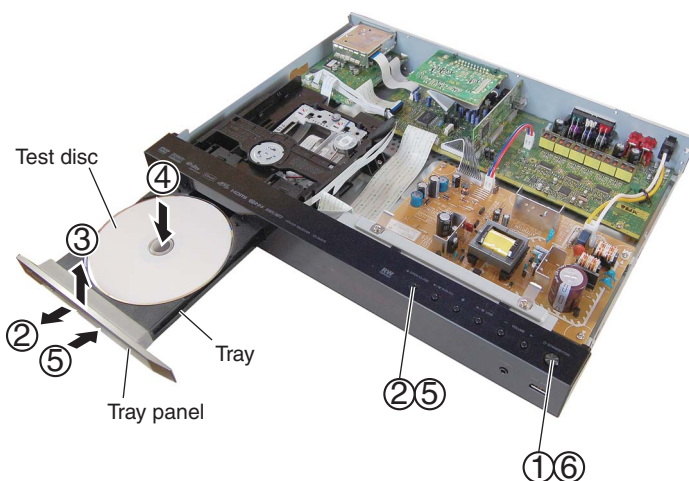
③ Remove the tray panel.

④ Set the test disc.

⑤ Press the OPEN/CLOSE button to close the tray. (Test disc is clamped.)

⑥ Press the STANDBY/ON button to turn off the power.

⑦ Pull out the Power cord.

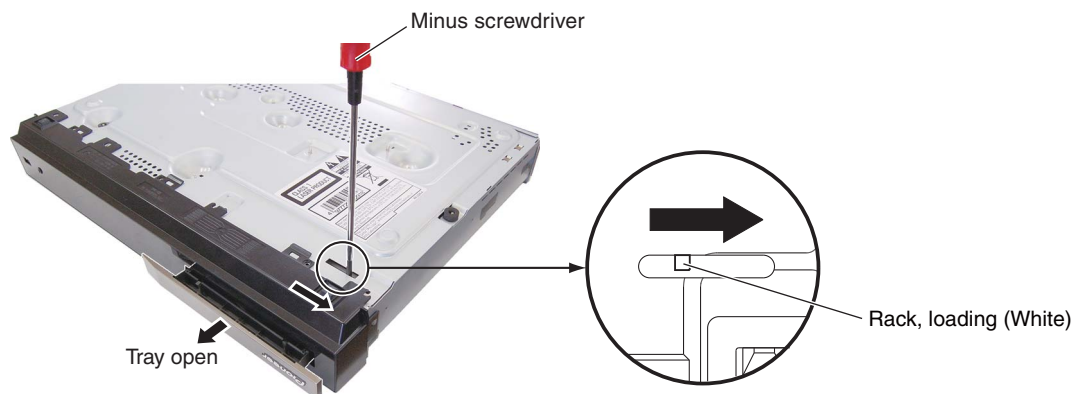


How to open the tray when the power cannot be on

1. Slide the rack, loading (White) toward the arrow direction by using a minus screwdriver to release the lock.
2. Manually open the tray.

NOTE:

Please strongly pushing rack, loading (White) to release the lock because the tray doesn't go out easily.



● Bottom view

A **2 Front Panel Section**

- ① Remove the two screws.
- ② Unhook the five hooks.

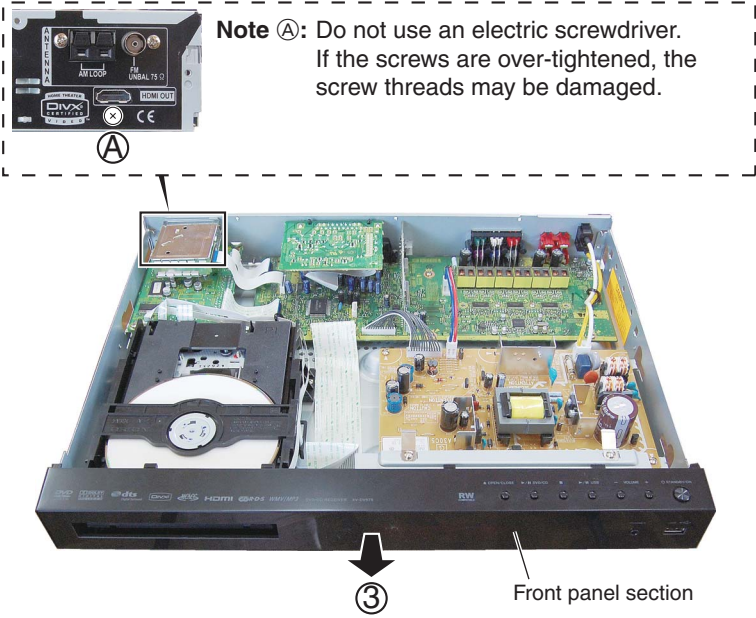
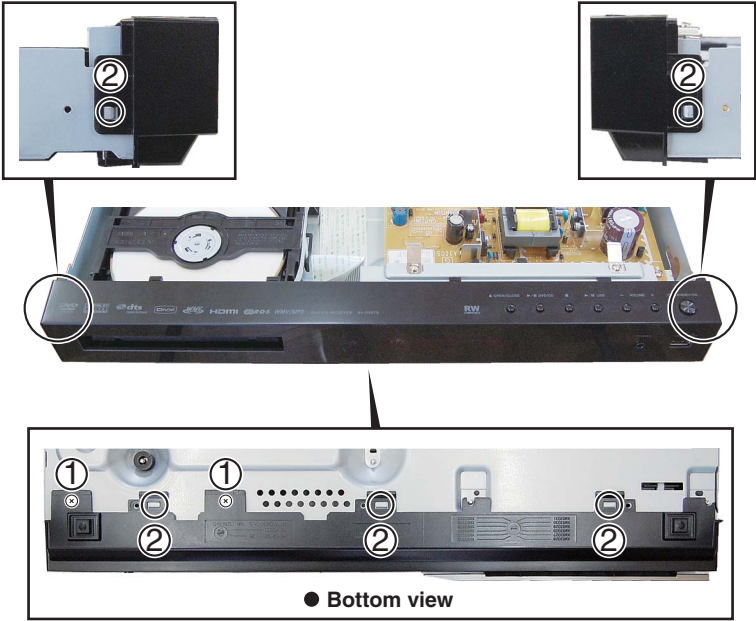
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D

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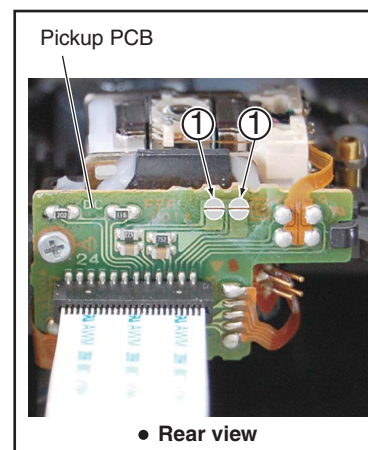
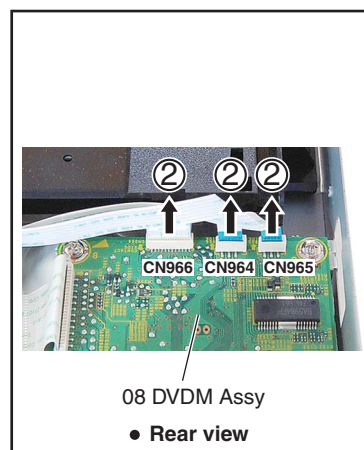


3 DVD MECHA Assy

- ① Short-circuit two positions soldering.

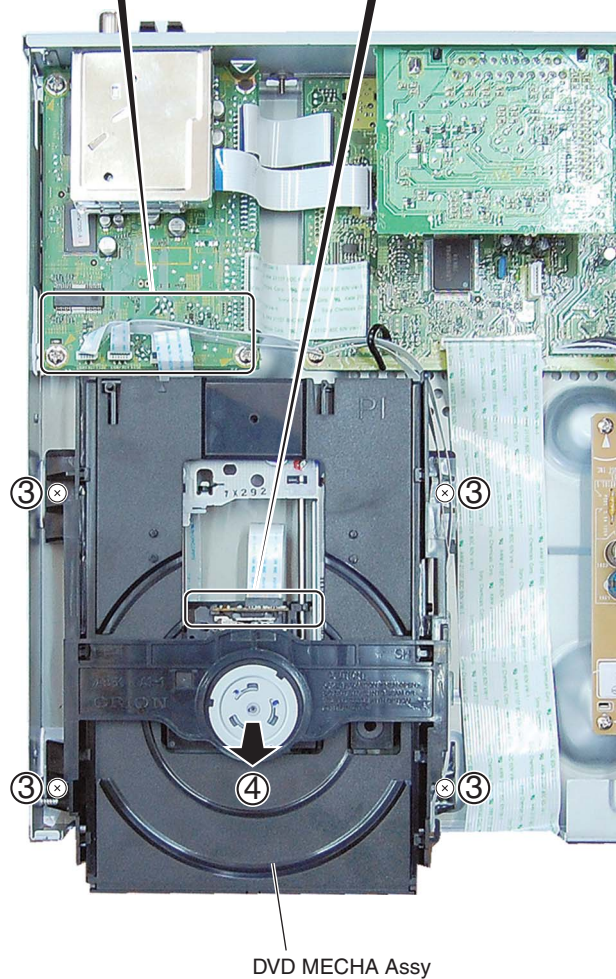
Note: After replacement, connect the flexible cable, then remove the soldered joint (open).

- ② Disconnect the three flexible cables.

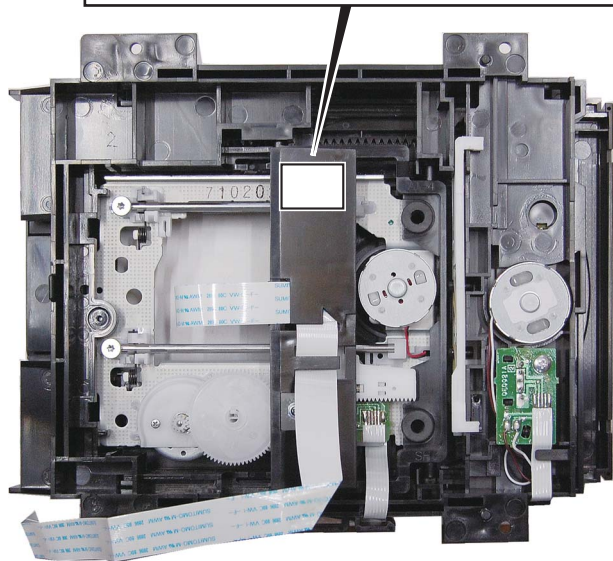
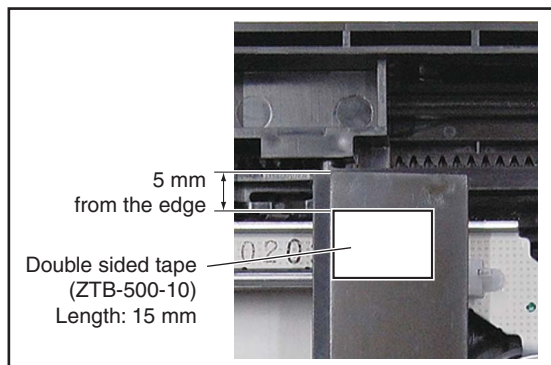


- ③ Remove the four screws.

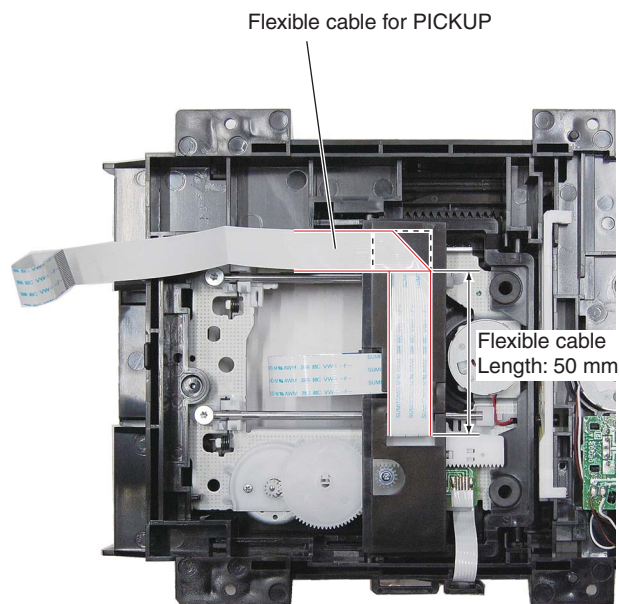
- ④ Remove the DVD MECHA Assy.



A Arrangement of The Flexible Cables

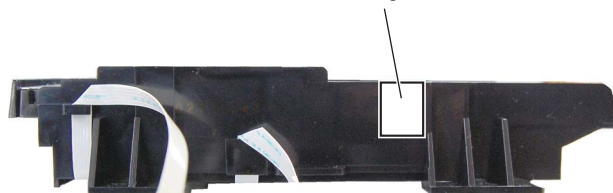


● Bottom view

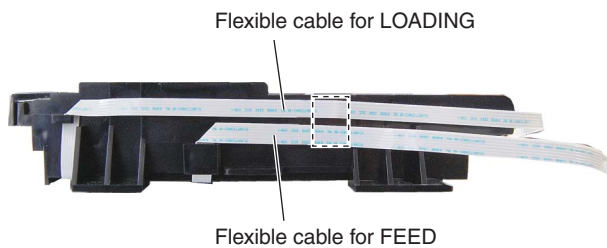


● Bottom view

Double sided tape
(ZTB-500-10)
Length: 20 mm



● Right view



● Right view

Removal of DVD MECHA Assy Parts

NOTE

Disassemble only the DVD MECHA Assy parts listed here. Minute adjustments are needed if the disassembly is done. If the repair is needed except listed parts, replace the DVD MECHA Assy.

1: TRAY (Refer to Fig. 1-A)

1. Set the Tray opened. (Refer to the **DISC REMOVAL METHOD AT NO POWER SUPPLY**)
2. Unlock the 2 supports ① and draw it while sagging the Tray.

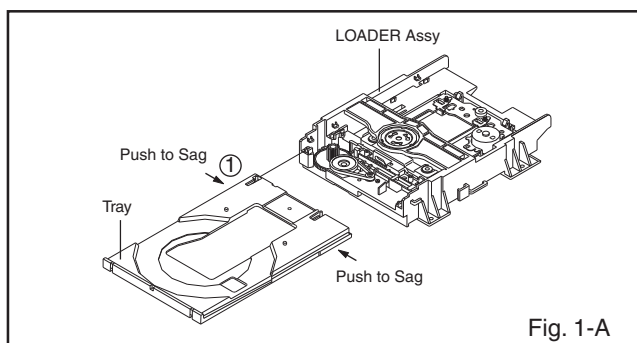


Fig. 1-A

NOTE

1. In case of the Tray installation, install them as the circled section of Fig. 1-B so that the each markers are met.

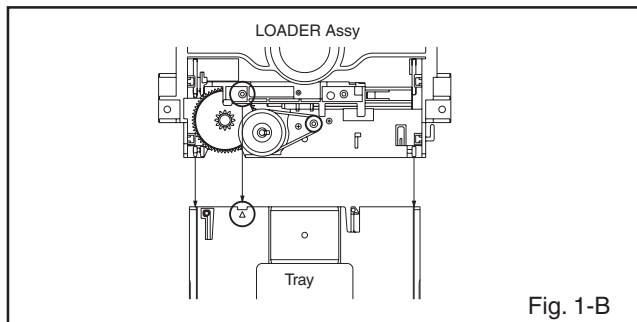


Fig. 1-B

2: TRAVERSE ASSY (Refer to Fig. 2-A)

1. Remove the screw ①.
2. Unlock the 2 supports ②.
3. Remove the Insulator (R) from the LOADER SUB Assy.
4. Remove the TRAVERSE Assy.

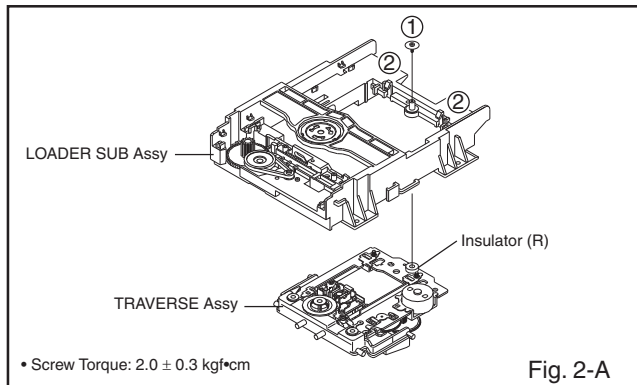


Fig. 2-A

NOTE

1. In case of the TRAVERSE Assy, install it from (1) to (4) in order. (Refer to Fig. 2-B)
2. In case of the TRAVERSE Assy installation, hook the wire on the LOADER Assy as shown Fig. 2-C.

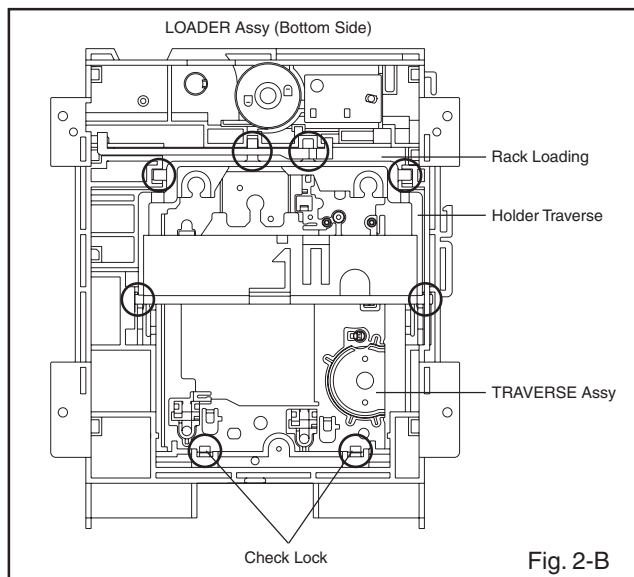


Fig. 2-B

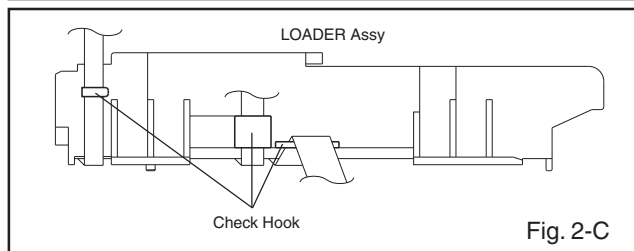


Fig. 2-C

3: LOADING MOTOR PCB Assy / LOADING BELT (Refer to Fig. 3-A)

1. Remove the Loading Belt.
2. Remove the screw ①.
3. Remove the LOADING MOTOR PCB Assy.
4. Remove the 2 screws ②.
5. Remove the Loading Motor.
6. Remove the Gear Pulley.

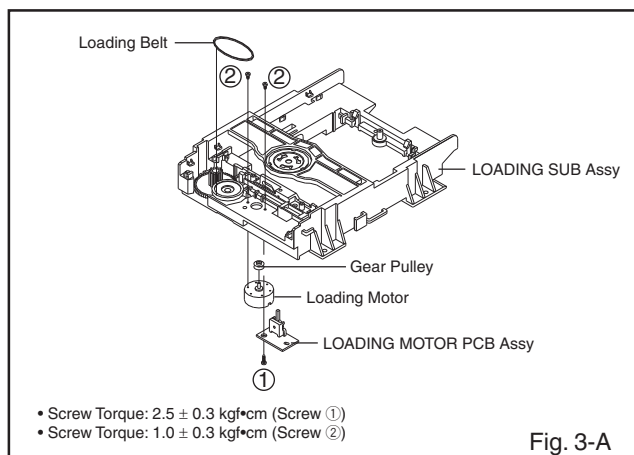


Fig. 3-A

1. In case of the Pulley Motor installation, check if the value of the Fig. 3-B is correct.

2. When installing the wire of the LOADING MOTOR PCB Assy, install it correctly as Fig. 3-C.

Manual soldering conditions

- Soldering temperature: 320 ± 20 °C
- Soldering time: Within 3 seconds
- Soldering combination: Sn - 3.0 Ag - 0.5 Cu

3. When installing the LOADING MOTOR PCB Assy, install it correctly as Fig. 3-D.

4. In case of the **LOADING MOTOR PCB Assy** installation, hook the wire on the **LOADER SUB Assy** as shown Fig. 3-E.

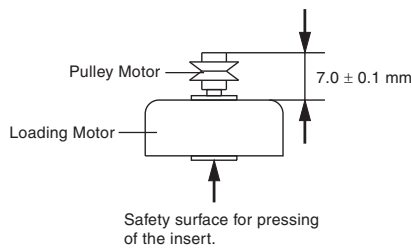


Fig. 3-B

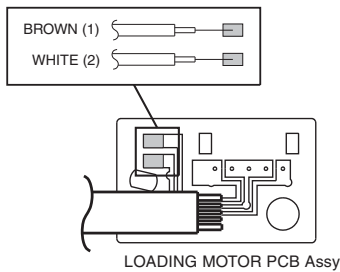


Fig. 3-C

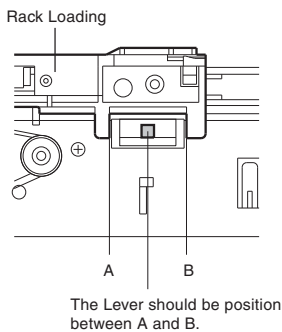


Fig. 3-D

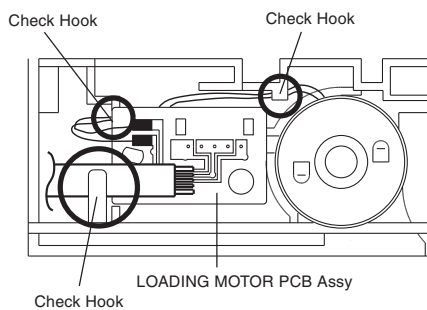


Fig. 3-E

4: RACK LOADING / MAIN GEAR / PULLEY GEAR (Refer to Fig. 4-A)

1. Unlock the support ② and remove the Gear Pulley.
2. Remove the Gear Main.
3. Press down the catcher ① and slide the Rack Loading.

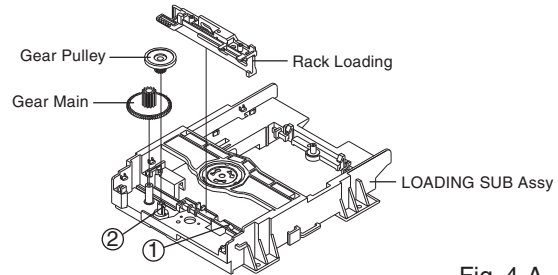


Fig. 4-A

NOTE

1. In case of the Rack Loading installation, hook the Rack Loading on the LOADER SUB Assy as shown Fig. 4-B.
2. When installing the Gear Main, take care the direction of up or down as shown Fig. 4-C.

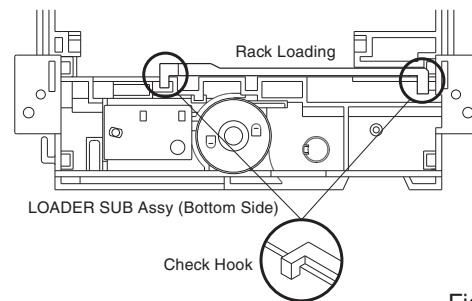


Fig. 4-B

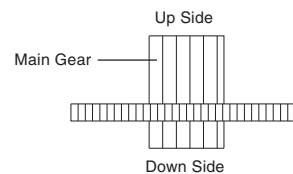


Fig. 4-C

5: CLAMPER ASSY (Refer to Fig. 5-A)

1. Press the Clamper and rotate the Plate Clamper clockwise, then unlock the 3 supports ①.
2. Remove the Plate Clamper, Magnet Clamper and Clamper.

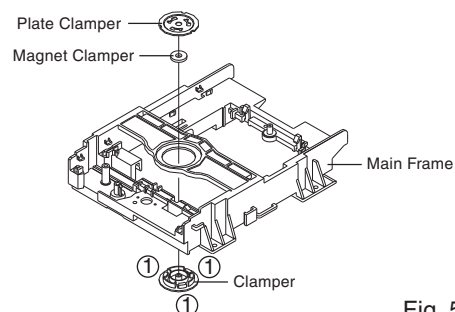


Fig. 5-A

NOTE

1. In case of the Clamper Assy installation, install correctly as Fig. 5-B.

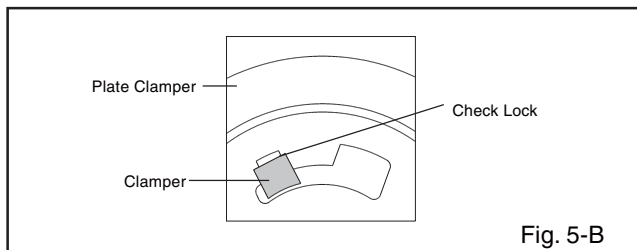


Fig. 5-B

6: HOLDER TRAVERSE/INSULATOR (F)/INSULATOR (R)
(Refer to Fig. 6-A)

1. Remove the Holder Traverse.
2. Remove the 2 Insulator (F).
3. Remove the Insulator (R).

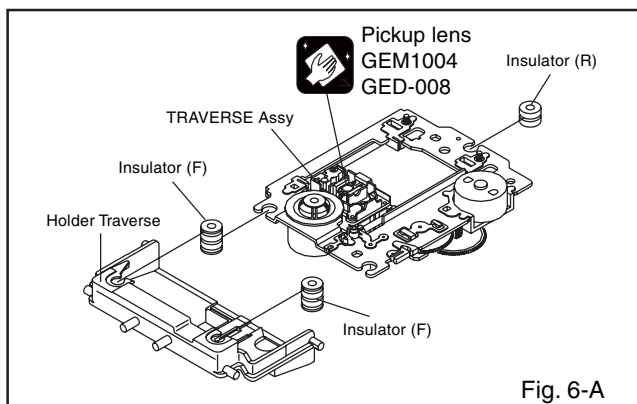


Fig. 6-A

NOTE

1. In case of the Insulator (F) installation, install correctly as Fig. 6-B.

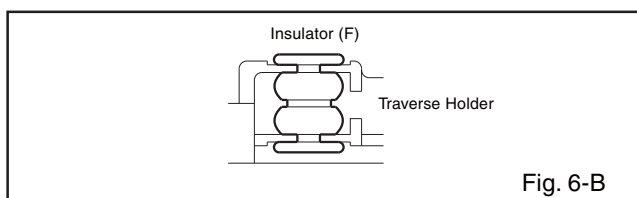


Fig. 6-B

7: SW PCB ASSY/GEAR MIDDLE/GEAR FEED/
RACK FEED ASSY/FEED MOTOR
(Refer to Fig. 7-A)

1. Unlock the support ①.
2. Remove the Gear Middle.
3. Remove the screw ②.
4. Remove the Rack Feed Assy.
5. Remove the screw ③.
6. Remove the SW PCB Assy.
7. Remove the screw ④.
8. Remove the Gear Feed.
9. Remove the 2 screws ⑤.
10. Remove the Feed Motor.
11. Remove the Gear Motor.

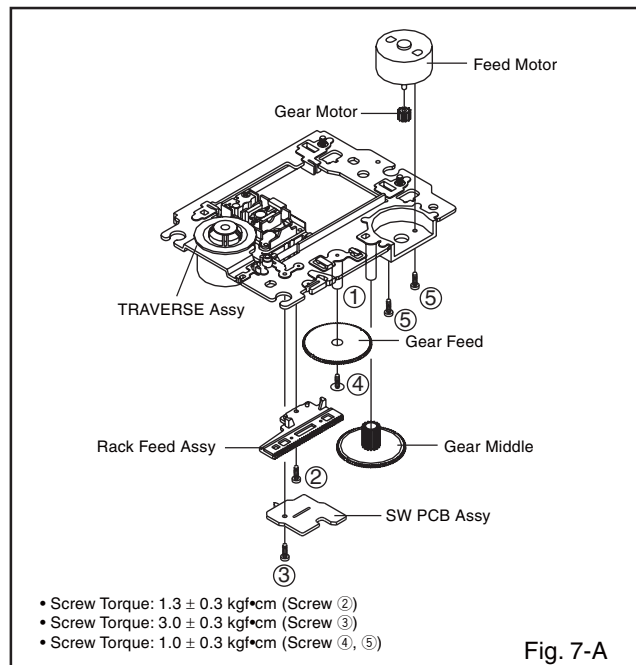


Fig. 7-A

NOTE

1. When installing the Rack Feed Assy, push both ends to align the teeth as shown Fig. 7-B. Then install it.
2. In case of the Gear Motor installation, check if the value of the Fig. 7-C is correct.
3. When installing the wire of the SW PCB Assy, install it correctly as Fig. 7-D.
 Manual soldering conditions
 • Soldering temperature: $320 \pm 20 \text{ }^{\circ}\text{C}$
 • Soldering time: Within 3 seconds
 • Soldering combination: Sn - 3.0 Ag - 0.5 Cu
4. After the assembly of the TRVERSE Assy, hook the wire on the TRVERSE Assy as shown Fig. 7-E.

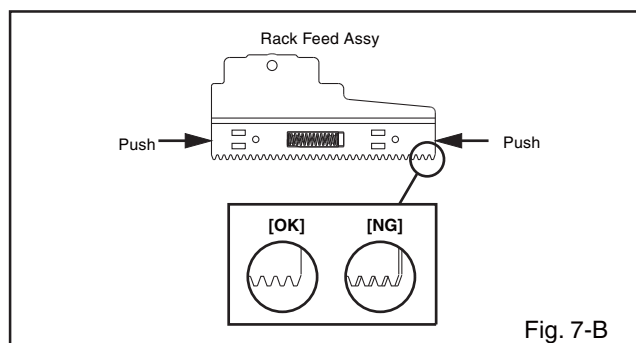


Fig. 7-B

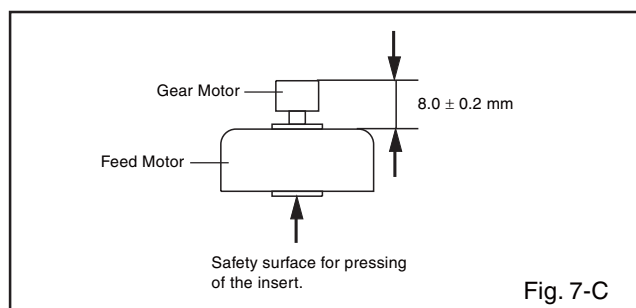
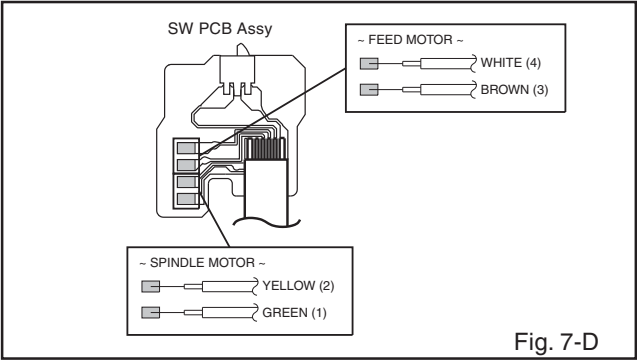
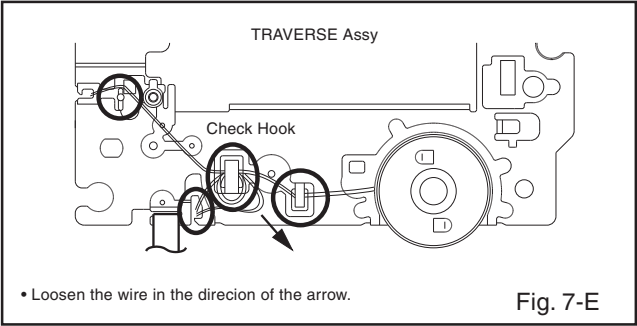


Fig. 7-C

A



B



C

D

E

F

8. EACH SETTING AND ADJUSTMENT

8.1 ID NUMBER AND ID DATA SETTING

Caution:

For the DVD players compatible with DVD-RW, for playback of a DVD-RW disc (CPRM) and for the DVD players possessing HDMI output, for HDCP process, it is necessary that an individual ID number and ID data are set for each player. If the ID number and ID data be not properly set in the manner described below, future operations cannot be guaranteed. The ID number is written on the yellow label at the rear panel of the player.

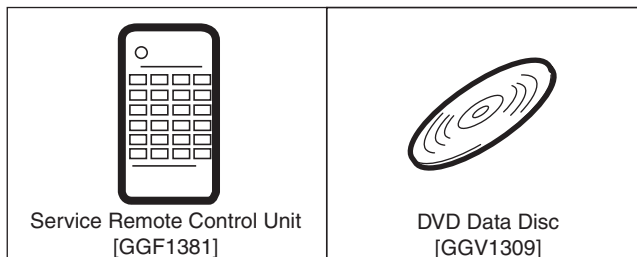
If there is no yellow label, before downloading FLASH ROM, take note of the ID number set following the procedures outlined in "ID Number Confirmation Mode" on the next page.

Note: Enter ID numbers while the unit is in Stop mode so that the values set will be immediately written to the flash ROM.

Setting an ID number or ID data is required in the following case:

If "No NUM" or "NO DATA" is displayed on the FL display for a few seconds immediately after the power to the player is turned on or during Stop mode.

JIGS AND MEASURING INSTRUMENTS

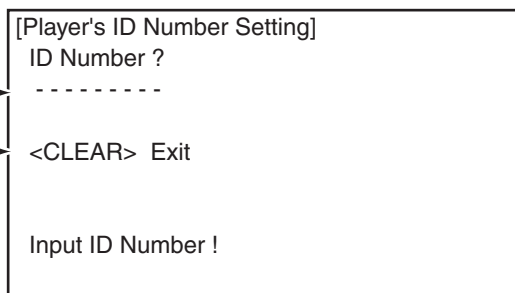


ID Number Input Mode

- To enter ID Number Input Mode, with no ID number set, such as in a case of immediately after upgrading the firmware, press the ESC key then the STEREO key.

Note: If a previous ID number and ID data, such as a factory-preset ID number and ID data, are maintained, the unit enters ID Number Confirmation Mode when the above keys are pressed. However, if only an ID number is maintained, the unit enters ID Data Input Mode.

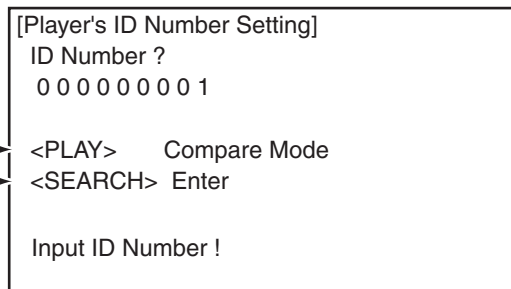
- Enter a 9-digit ID number. The ID number is also displayed on the FL display.
- By pressing the CLEAR key without having input a number, you can exit this mode. Each press of this key after a number has been input deletes one digit.



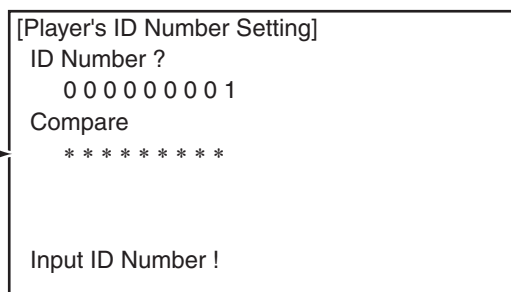
- After entering all 9 digits, if you press the PLAY key, the unit enters Compare mode. Enter the same ID number again. Only if your two input numbers match, the ID number is set. Compare mode helps eliminate mistyping of the ID number.

Note: If you press the PLAY button before inputting a 9-digit ID number, the unit returns to Step ② without doing anything else.

- After entering all 9 digits, if you press the SEARCH key, the unit unconditionally sets the input number as the ID number. Then the unit automatically enters Player's Data Input Mode. (The SEARCH key is not accepted after all 9 digits have been entered.)

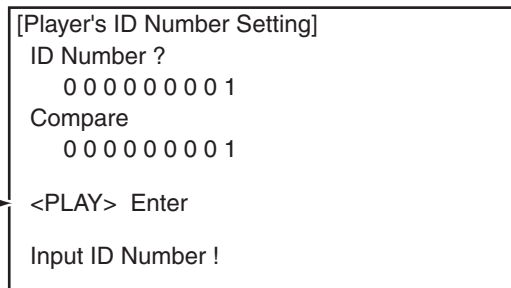


- This display appears when the PLAY key is pressed in Step ④. Enter a 9-digit number to compare. The number is also displayed on the FL display.
- By pressing the CLEAR key without having input a number, the unit returns to Step ② without doing anything else. Each press of this key after a number has been input deletes one digit.



- After entering all 9 digits, if you press the PLAY key, the unit compares the numbers input in Steps ② and ⑥, and only if the numbers match, that number is set as the ID. Then the unit automatically enters ID DATA Input Mode. If the numbers do not match, the disc tray is opened, and the unit exits ID Number Input Mode.

Note: If you press the PLAY button before inputting a 9-digit ID number, the unit returns to Step ⑥ without doing anything else.



A ■ ID Number Confirmation Mode

- ① To enter ID Number Confirmation Mode after the ID number and the ID data are set, press the ESC key then the STEREO key.
- ② The ID number already set is displayed.
(It is also displayed on the FL display.)
- ③ Enter a 9-digit number for comparison. This is not required when you only wish to check the ID number visually.
(The number is also displayed on the FL display.)
- ④ By pressing the CLEAR key without having input a number, you can exit this mode. Each press of this key after a number has been input deletes one digit.

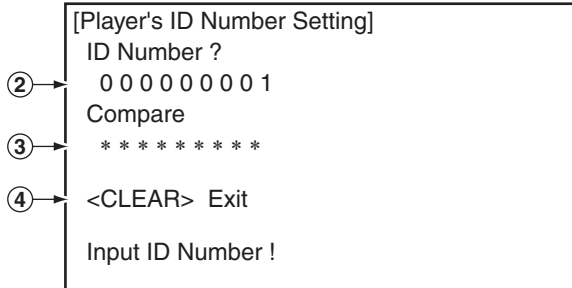
• Indication of an ID number already set

An ID number already set is displayed in the following cases:

- 1) When the ESC key then the CLEAR key are pressed, user settings are cleared, then the ID number set is displayed on the screen. In this case, the ID number is not displayed on the FL display.
- 2) When the unit enters ID Number Confirmation Mode by your pressing the ESC key then the CLEAR key, the ID number set is displayed. In this case, the ID number is also displayed on the FL display.
If you only need to confirm the ID number, you can exit this mode by pressing the CLEAR key or turning off the power.

• Indication when no ID number is set

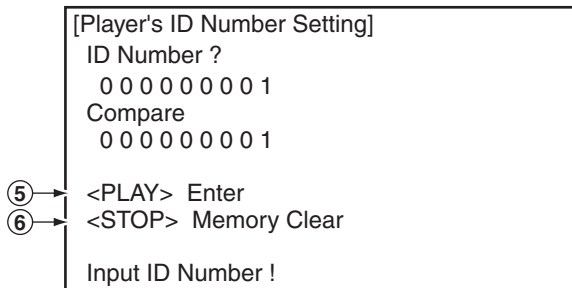
If no ID number is set, the message "No NUM" flashes on the screen and FL display for a few seconds after the power is turned on or during Stop mode.



- ⑤ After entering all 9 digits, if you press the PLAY key, the unit compares the number entered in Step ② with the ID number set, and only if the numbers match, the unit automatically exits ID Number Confirmation Mode. If an ID data has not been entered, the unit enters ID DATA Input Mode. If the numbers do not match, the disc tray is opened, and the unit exits ID Number Confirmation Mode.

Note: If you press the PLAY button before inputting a 9-digit ID number, the unit returns to Step ④ without doing anything else.

- ⑥ After entering all 9 digits, if you press the STOP key, the unit compares the number entered in Step ③ with the ID number set, and only if the numbers match, the unit automatically deletes the ID number and exits this mode. If the numbers do not match, the disc tray is opened, and the unit exits this mode. (The STOP key is not accepted after all 9 digits have been entered.)

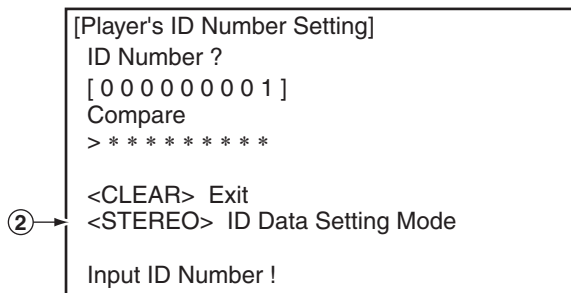


ID DATA Input Mode

NOTE: Be sure to use a specified DVD (ID) DATA DISC.

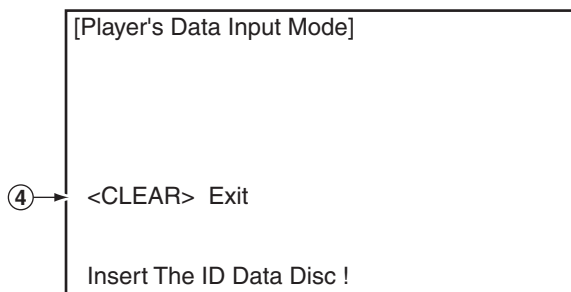
① To enter ID DATA Input Mode, with the ID number set, press the ESC key then the STEREO key.

② When the STEREO key is pressed, the unit enters ID DATA Input Mode.



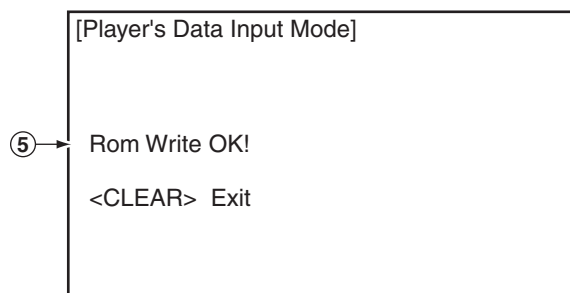
③ If the DVD DATA DISC is loaded in this mode, the unit automatically starts reading the data.
(If the DVD DATA DISC has already been loaded, the unit does not start reading the data. In this case, open then close the tray.)

④ To exit this mode, press the CLEAR key. While data are being read from the DVD DATA DISC, you cannot exit this mode.



⑤ When writing of the data read from the disc to flash ROM is completed, "Rom Write OK!" is displayed. After seeing this message, you can exit this mode by pressing the CLEAR key.

Note: Whether or not the data have been written to flash ROM can be confirmed by watching for the message "Rom Write OK!" being displayed after the disc is read.



⑥ If the data cannot be read from the disc, the unit will be exited ID Data Input Mode and proceed to the display of "Pioneer" logo.

• Indication when the data have not been set

If no ID data are set after the ID number is changed, the message "NO DATA" flashes on the screen and FL display for a few seconds after the power is turned on or during Stop mode.

9. EXPLODED VIEWS AND PARTS LIST

NOTES: ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.

- The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- Screws adjacent to ▼ mark on product are used for disassembly.
- For the applying amount of lubricants or glue, follow the instructions in this manual.
(In the case of no amount instructions, apply as you think it appropriate.)

9.1 PACKING SECTION

for
XV-DV575/WYXJ5, XV-DV580/WYXJ5,
XV-DV385K/WSXJ5, XV-DV395K/WSXJ5

for XV-DV580/WVXJ5

XV-DV575/WYXJ5,
XV-DV580/WYXJ5
only

XV-DV580/WVXJ5
only

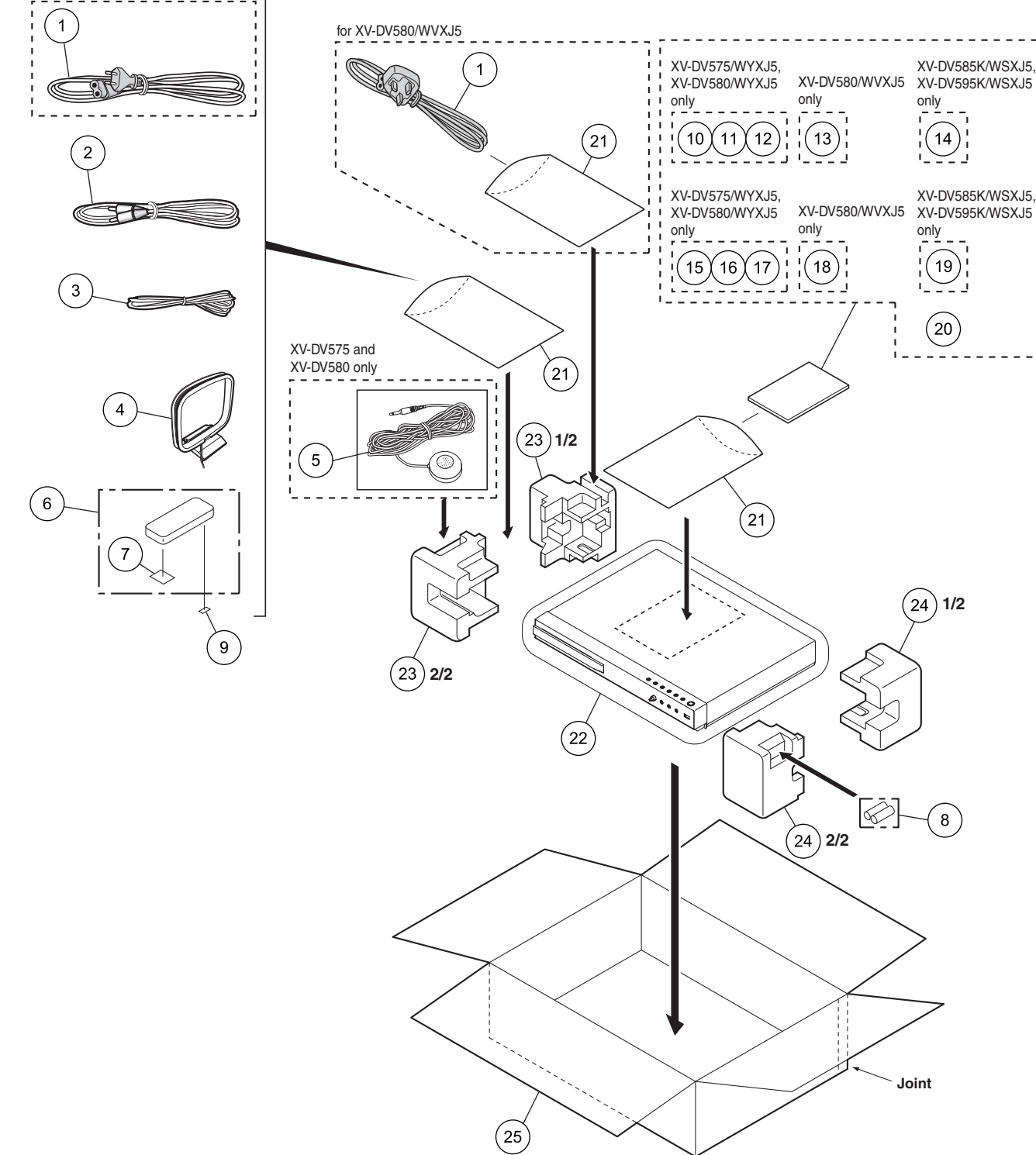
XV-DV585K/WSXJ5,
XV-DV595K/WSXJ5
only

XV-DV575/WYXJ5,
XV-DV580/WYXJ5
only

XV-DV580/WVXJ5
only

XV-DV585K/WSXJ5,
XV-DV595K/WSXJ5
only

XV-DV575 and
XV-DV580 only



(1) PACKING SECTION PARTS LIST

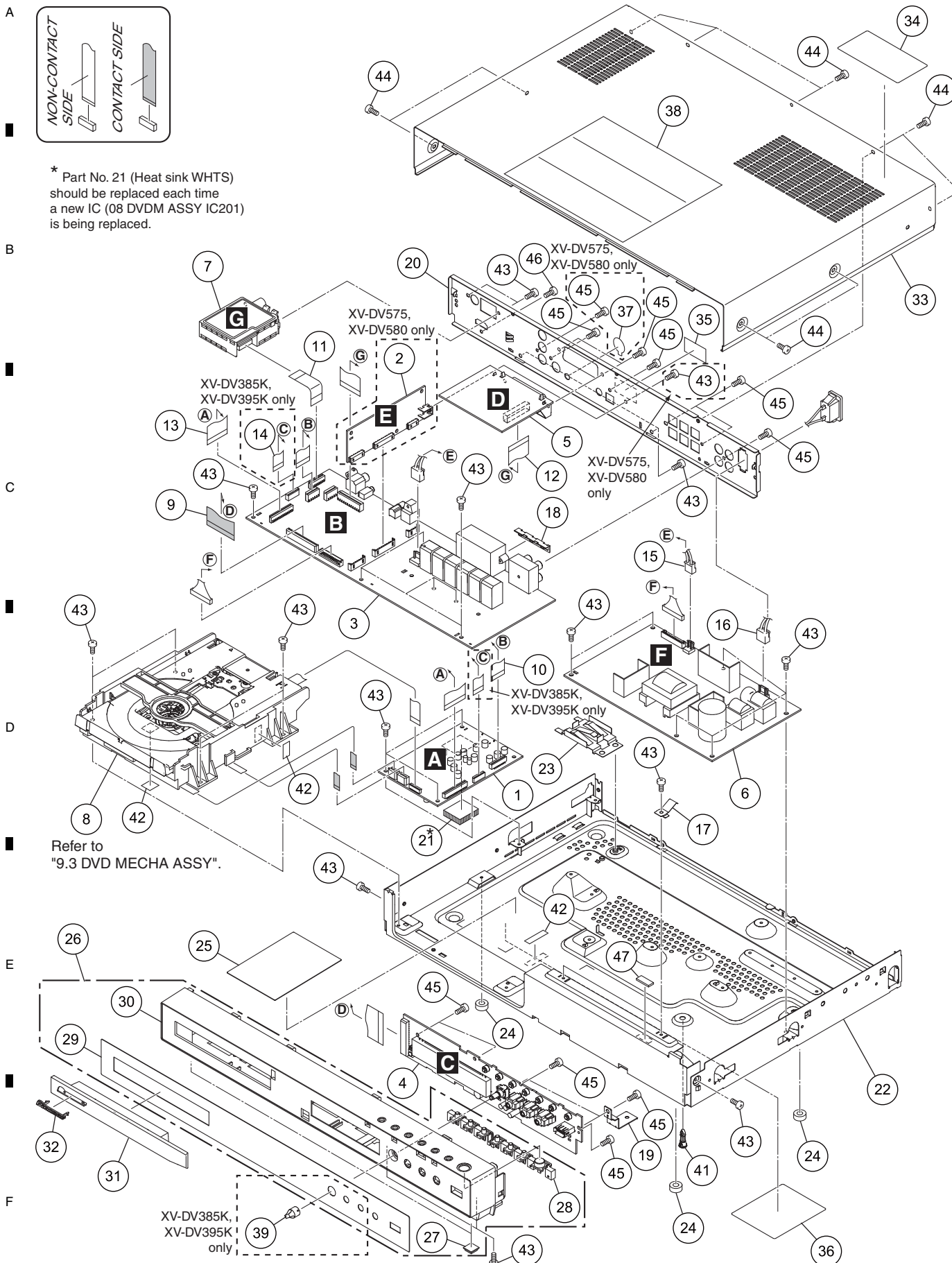
Mark No.	Description	Part No.	Mark No.	Description	Part No.
⚠	1 Power Cord	See Contrast table (2)	14	Operating Instructions (Russian)	See Contrast table (2)
	2 Video Cable	XDE3046	15	Setup Guide (English, French)	See Contrast table (2)
	3 FM Antenna	ADH7030	16	Setup Guide (German, Italian)	See Contrast table (2)
	4 AM Loop Antenna	ATB7013	17	Setup Guide (Dutch, Spanish)	See Contrast table (2)
	5 Microphone (for Audio MCACC setup)	See Contrast table (2)	18	Setup Guide (English)	See Contrast table (2)
	6 Remote Control	See Contrast table (2)	19	Setup Guide (Russian)	See Contrast table (2)
	7 Battery Cover	AZN8018	NSP 20	Warranty Card EU	ARY7111
NSP	8 Dry Cell Battery (AA/R6)	XEX3002	NSP 21	Polyethylene Bag (0.06 x 230 x 340)	AHG7117
	9 Label (WEEE)	ARW7322			
	10 Operating Instructions (English, French)	See Contrast table (2)	22	Packing Sheet	AHG7053
	11 Operating Instructions (German, Italian)	See Contrast table (2)	23	Pad L WHTS	XHA3177
	12 Operating Instructions (Dutch, Spanish)	See Contrast table (2)	24	Pad R WHTS	XHA3178
	13 Operating Instructions (English)	See Contrast table (2)	25	Packing Case	See Contrast table (2)

(2) CONTRAST TABLE

XV-DV575/WYXJ5, XV-DV580/WYXJ5, WVXJ5, XV-DV385K/WSXJ5 and XV-DV395K/WSXJ5 are constructed the same except for the following:

Mark	No.	Symbol and Description	XV-DV575 /WYXJ5	XV-DV580 /WYXJ5	XV-DV580 /WVXJ5	XV-DV385K /WSXJ5	XV-DV395K /WSXJ5
⚠	1	Power Cord	ADG1127	ADG1127	ADG7108	ADG1127	ADG1127
	5	Microphone (for Audio MCACC setup)	APM7008	APM7008	APM7008	Not used	Not used
	6	Remote Control	XXD3159	XXD3159	XXD3159	XXD3156	XXD3156
	10	Operating Instructions (English, French)	XRE3182	XRE3182	Not used	Not used	Not used
	11	Operating Instructions (German, Italian)	XRC3335	XRC3335	Not used	Not used	Not used
	12	Operating Instructions (Dutch, Spanish)	XRC3336	XRC3336	Not used	Not used	Not used
	13	Operating Instructions (English)	Not used	Not used	XRB3094	Not used	Not used
	14	Operating Instructions (Russian)	Not used	Not used	Not used	XRC3333	XRC3333
	15	Setup Guide (English, English)	XRE3181	XRE3178	Not used	Not used	Not used
	16	Setup Guide (German, Italian)	XRC3334	XRC3346	Not used	Not used	Not used
	17	Setup Guide (Dutch, Spanish)	XRC3344	XRC3349	Not used	Not used	Not used
	18	Setup Guide (English)	Not used	Not used	XRB3099	Not used	Not used
	19	Setup Guide (Russian)	Not used	Not used	Not used	XRC3343	XRC3345
	25	Packing Case	XHD3789	XHD3821	XHD3821	XHD3787	XHD3788

9.2 EXTERIOR SECTION



Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	08 DVDM Assy	See Contrast table (2)	26	F/P Assy WHTS	See Contrast table (2)
2	DSP Assy	See Contrast table (2)	27	Rubber Foot	VEB1325
3	SYSMAIN Assy	See Contrast table (2)	28	Button WHTS	XAD3264
4	COMPLEX Assy	See Contrast table (2)	NSP 29	Display Window WHTS	See Contrast table (2)
5	EUROSCART Assy	AWU8291	NSP 30	Front Panel WHTS	See Contrast table (2)
⚠ 6	POWER SUPPLY Unit	XWR3018	31	Tray Panel WHTS	See Contrast table (2)
7	FM/AM TUNER Unit	AXX7248	32	Pioneer Name Plate	XAM3009
8	DVD MECHA Assy	A2ZX01A650	33	Bonnet WHTS	XZN3201
9	FFC/60V (J1904)	See Contrast table (2)	34	Laser Caution	VRW2257
10	17P FFC/60V (J1905)	XDD3263	NSP 35	ID Label Assy	VXW1012
11	11P FFC/60V (J1908)	XDD3266	NSP 36	Name Label WHTS	See Contrast table (2)
12	23P FFC/60V (J1909)	XDD3267	37	Control Label	See Contrast table (2)
13	27P FFC/60V (J1907)	XDD3290	NSP 38	POP Getter WHTS	See Contrast table (2)
14	13P FFC/60V (J1906)	See Contrast table (2)	39	MIC Knob	See Contrast table (2)
15	Cable Assy (J1901)	XDX3067	40	•••••	
⚠ 16	Cable Assy (J1903)	XDX3068	41	Locking Card Spacer	AEC7372
17	Earth Spring W5.1	ABH7240	NSP 42	Double Sided Tape	•••••
18	GND Plate W5.1	ABH7241	43	Screw	BBZ30P080FNI
19	Ground Plate WHTS	XBH3018	44	Screw	BBZ30P080FTB
20	Rear Panel WHTS	See Contrast table (2)	45	Screw	BPZ30P080FNI
21	Heatsink WHTS	XNH3049	46	Screw	BSZ30P060FTC
NSP 22	Chassis WHTS	XNA3061	NSP 47	Spacer	XEB3115
23	Radiation Plate	XNG3183			
NSP 24	Spacer	AEB7092			
NSP 25	Guide Sheet	XAK3603			

(2) CONTRAST TABLE

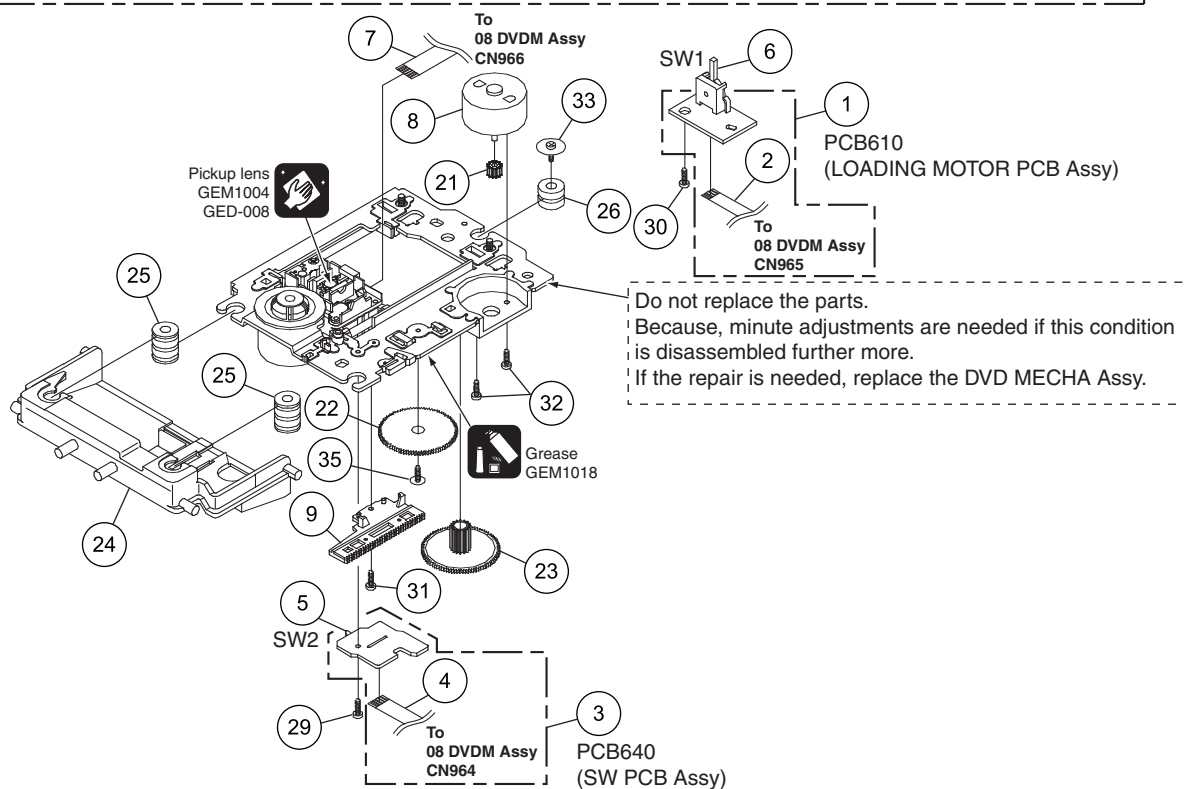
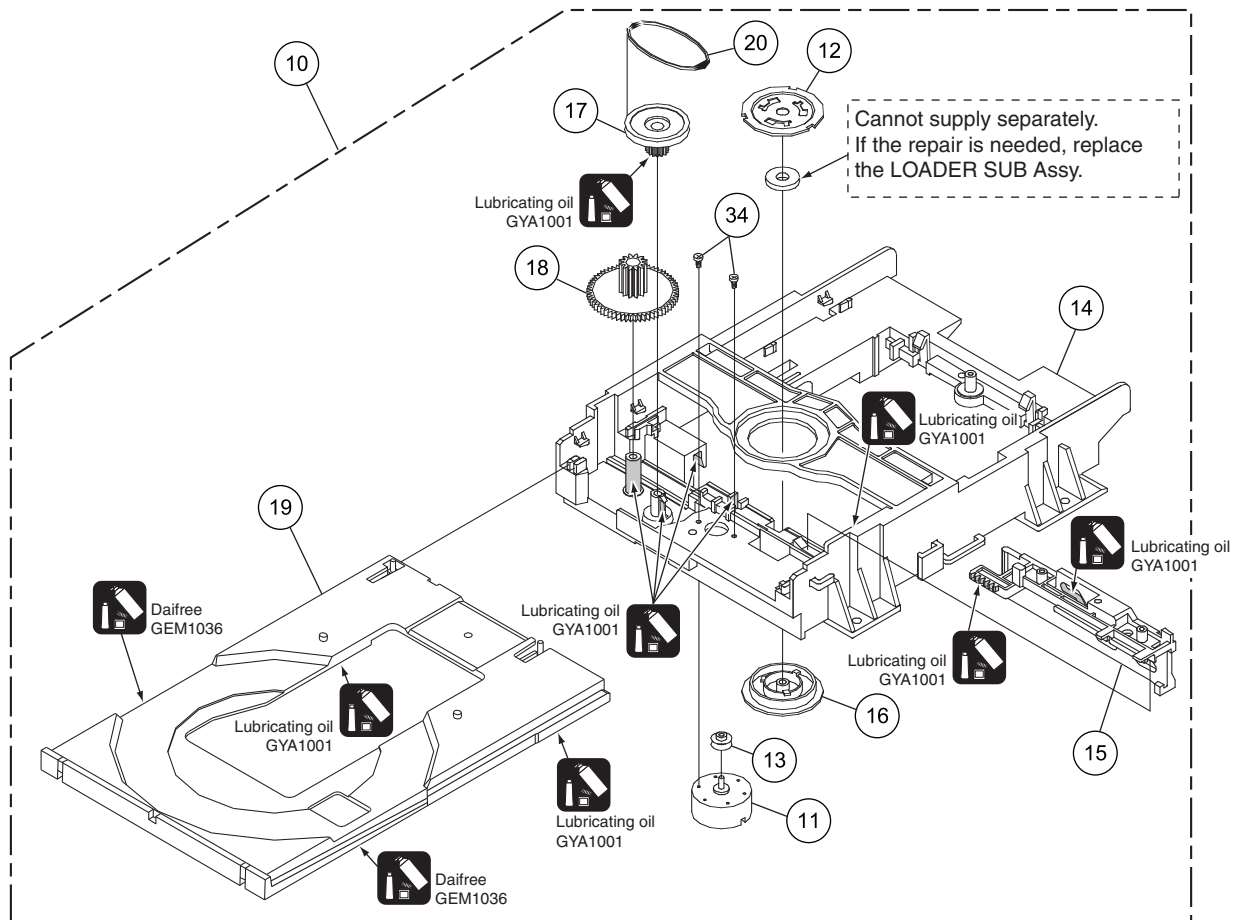
XV-DV575/WYXJ5, XV-DV580/WYXJ5, WVXJ5, XV-DV385K/WSXJ5 and XV-DV395K/WSXJ5 are constructed the same except for the following:

Mark	No.	Symbol and Description	XV-DV575 /WYXJ5	XV-DV580 /WYXJ5	XV-DV580 /WVXJ5	XV-DV385K /WSXJ5	XV-DV395K /WSXJ5
	1	08 DVDM Assy	AWM8118	AWM8118	AWM8118	AWM8105	AWM8105
	2	DSP Assy	AWX8706	AWX8706	AWX8706	Not used	Not used
	3	SYSMAIN Assy	XWM3392	XWM3395	XWM3395	XWM3391	XWM3394
	4	COMPLEX Assy	XWM3429	XWM3429	XWM3429	XWM3428	XWM3428
	9	27P FFC/60V (J1904)	XDD3261	XDD3261	XDD3261	Not used	Not used
	9	29P FFC/60V (J1904)	Not used	Not used	Not used	XDD3260	XDD3260
	14	13P FFC/60V (J1906)	Not used	Not used	Not used	XDD3264	XDD3264
	20	Rear Panel WHTS	XNC3572	XNC3574	XNC3574	XNC3564	XNC3571
	26	F/P Assy WHTS	XXG3370	XXG3371	XXG3371	XXG3368	XXG3369
NSP	29	Display Window WHTS	XAK3602	XAK3602	XAK3602	XAK3600	XAK3600
NSP	30	Front Panel WHTS	XMB3328	XMB3329	XMB3329	XMB3326	XMB3327
	31	Tray Panel WHTS	XAK3604	XAK3604	XAK3604	XAK3601	XAK3601
NSP	36	Name Label WHTS	XAL3296	XAL3297	XAL3297	XAL3294	XAL3295
	37	Control Label	XAX3620	XAX3620	XAX3620	Not used	Not used
NSP	38	POP Getter WHTS	XAX3677	XAX3700	XAX3700	XAX3676	XAX3686
	39	MIC Knob	Not used	Not used	Not used	XAA3029	XAA3029

9.3 DVD MECHA ASSY



Note :
Check if the correct grease is applied for each position.



10. SCHEMATIC DIAGRAM

10.1 08 DVDM ASSY (1/2)

A

B

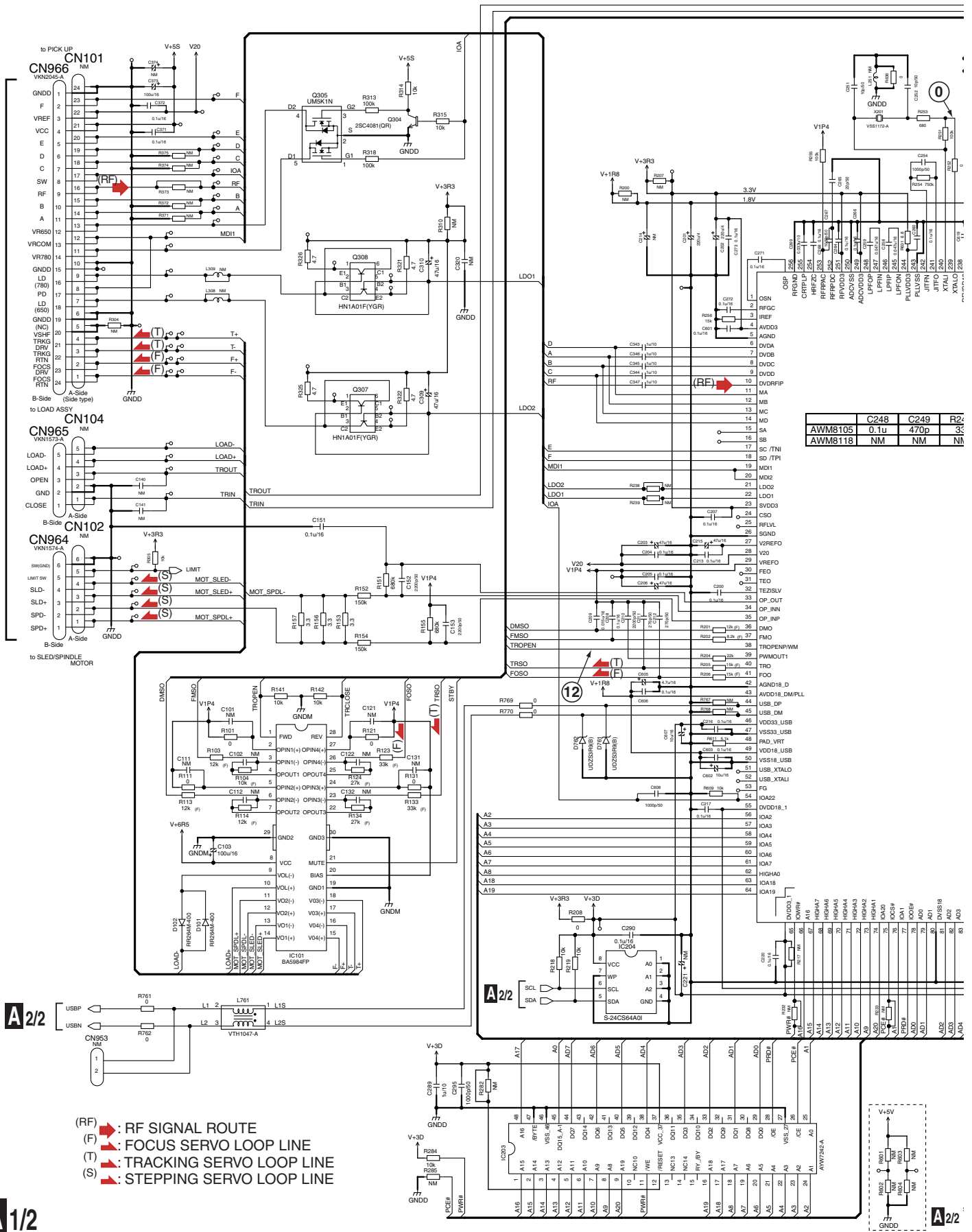
C

D

E

F

To DVD LOADER

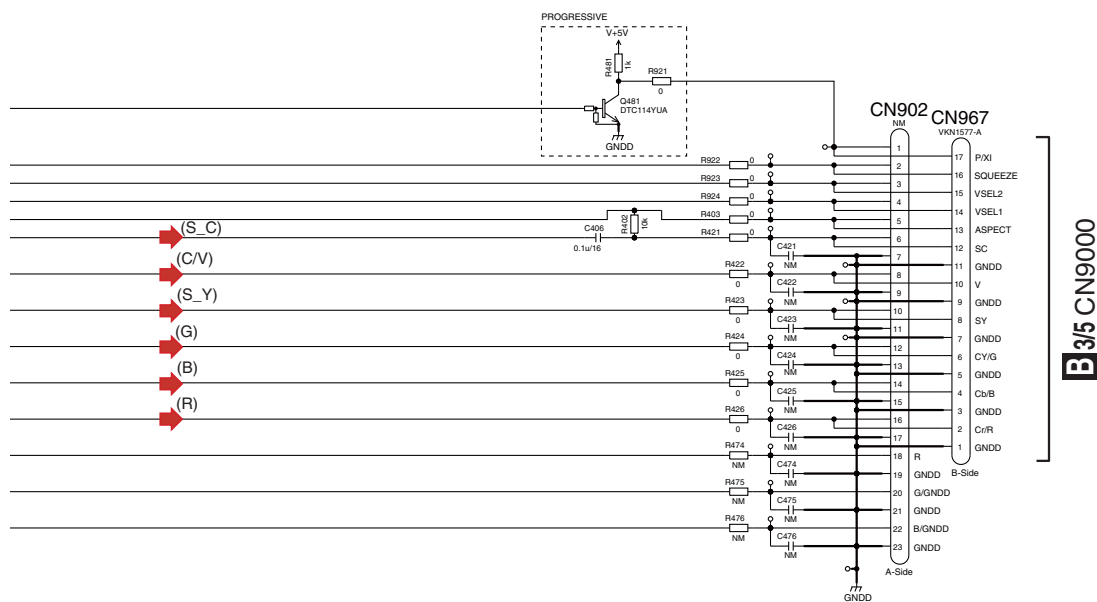
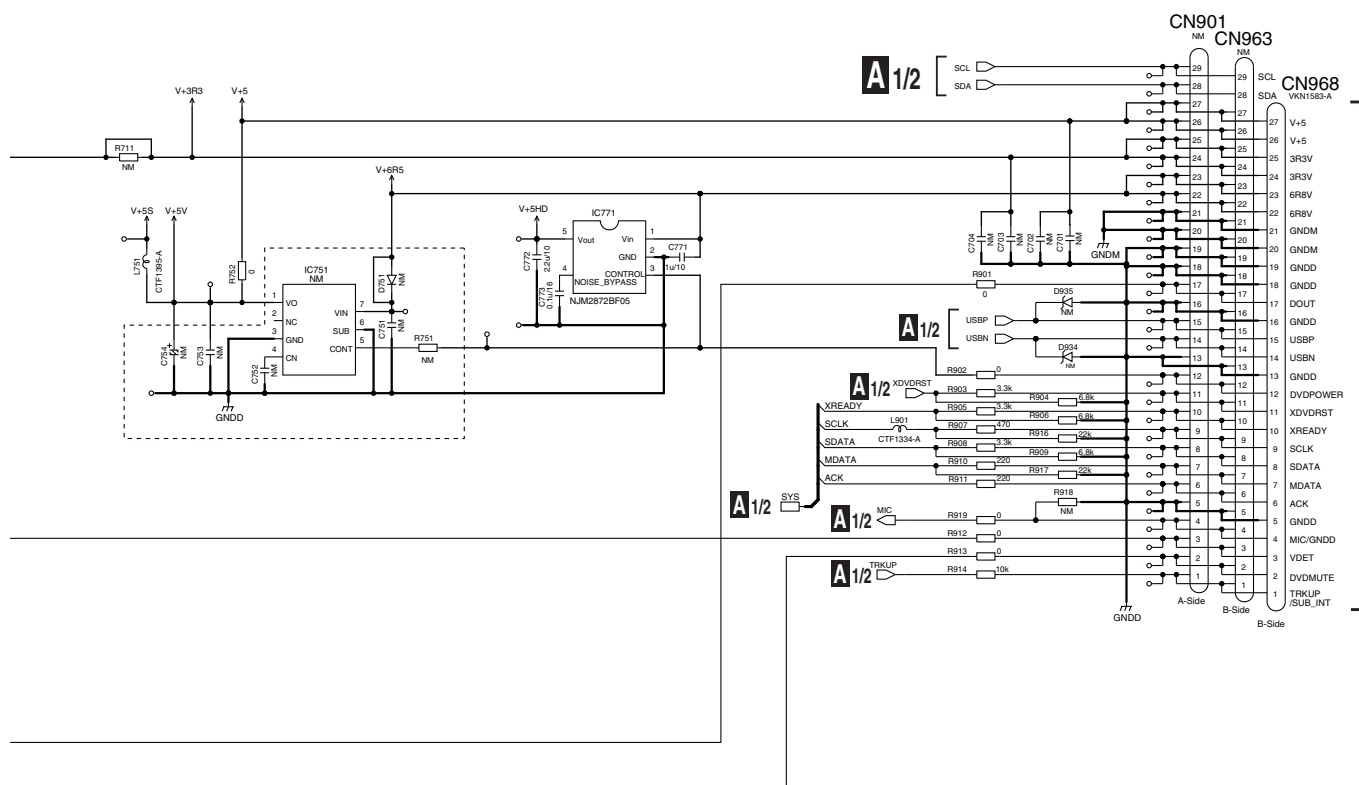


A1/2



C





- (C/V) : VIDEO SIGNAL ROUTE (C/V)
- (S_Y) : VIDEO SIGNAL ROUTE (S_Y)
- (S_C) : VIDEO SIGNAL ROUTE (S_C)
- (R) : VIDEO SIGNAL ROUTE (R)
- (G) : VIDEO SIGNAL ROUTE (G)
- (B) : VIDEO SIGNAL ROUTE (B)

△



F



10.4 SYSMAIN ASSY (2/5)

B^{2/5} SYSMAIN ASSY

(XV-DV575 : XWM3392)

(XV-DV580 : XWM3395)

(XV-DV385K : XWM3391)

(XV-DV395K : XWM3394)

from Ucom PART

UCOM

B^{1/5,3/5}

B^{4/5}

B^{3/5}

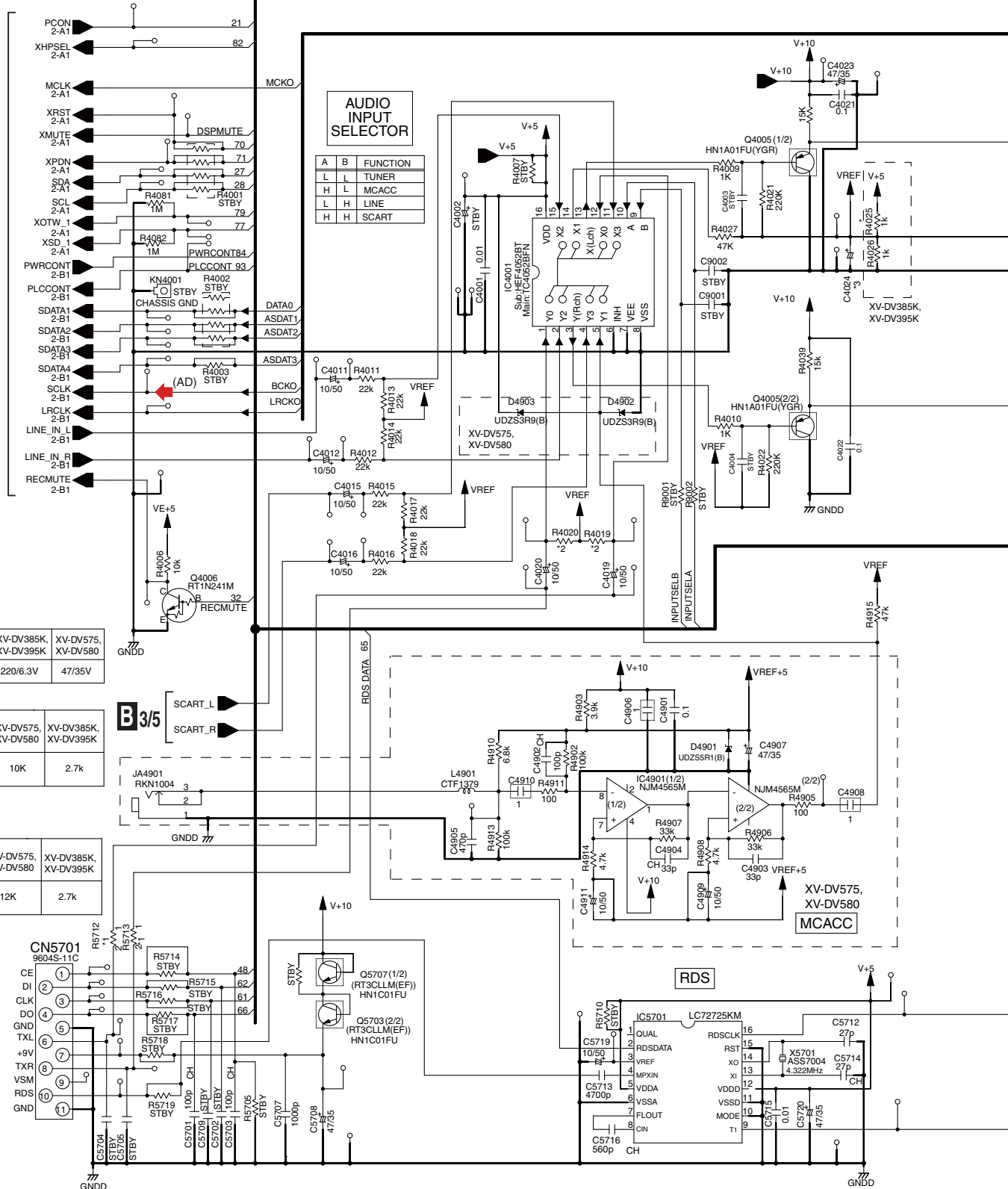
	XV-DV575, XV-DV580	XV-DV385K, XV-DV395K
C4024	220/6.3V	47/35V

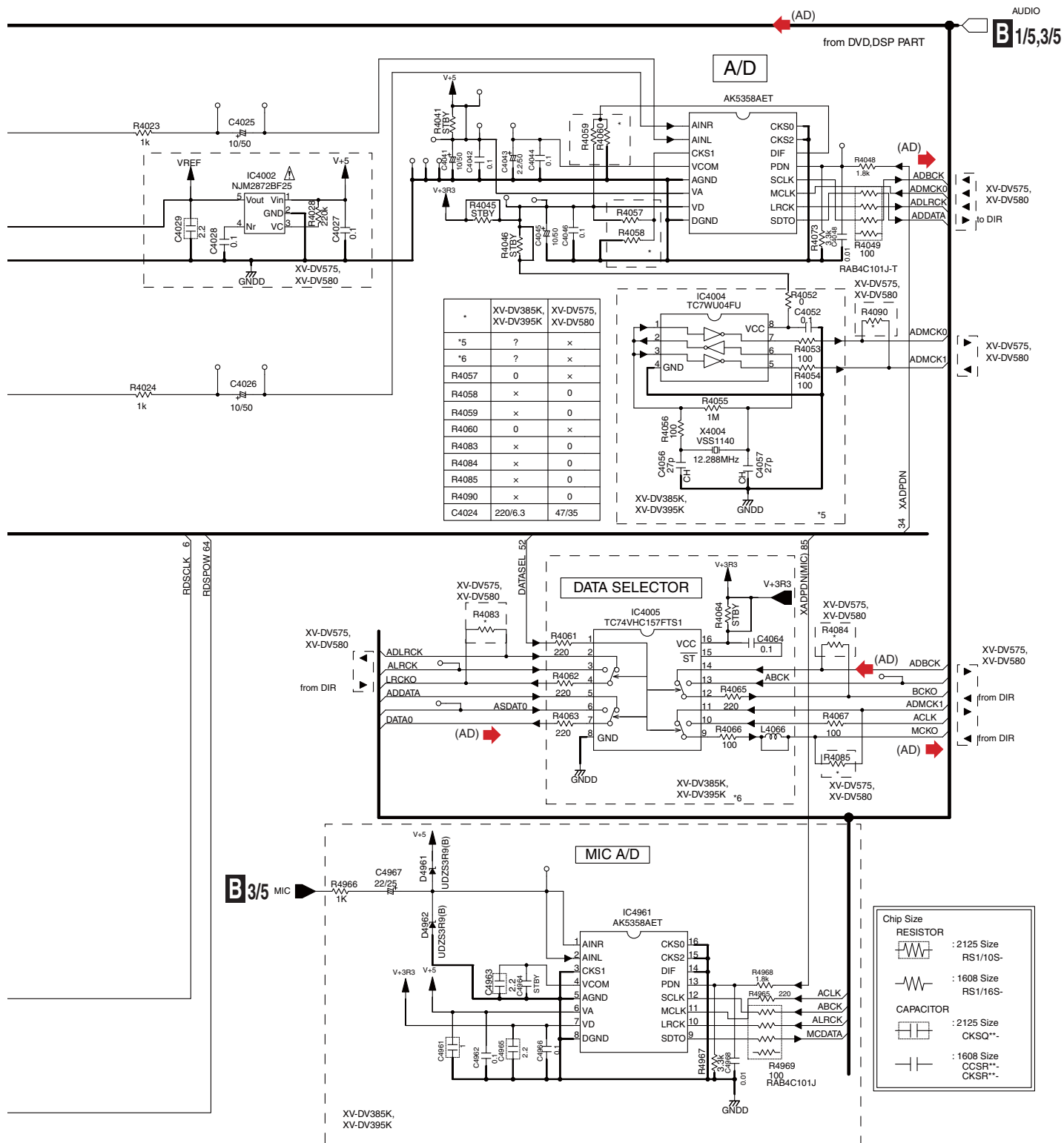
	XV-DV575, XV-DV580	XV-DV385K, XV-DV395K
R4019 R4020	10K	2.7k

	XV-DV575, XV-DV580	XV-DV385K, XV-DV395K
R5712 R5713	12K	2.7k

G CN1

B^{2/5}





10.5 SYSMAIN ASSY (3/5)

A

B

C

D

E

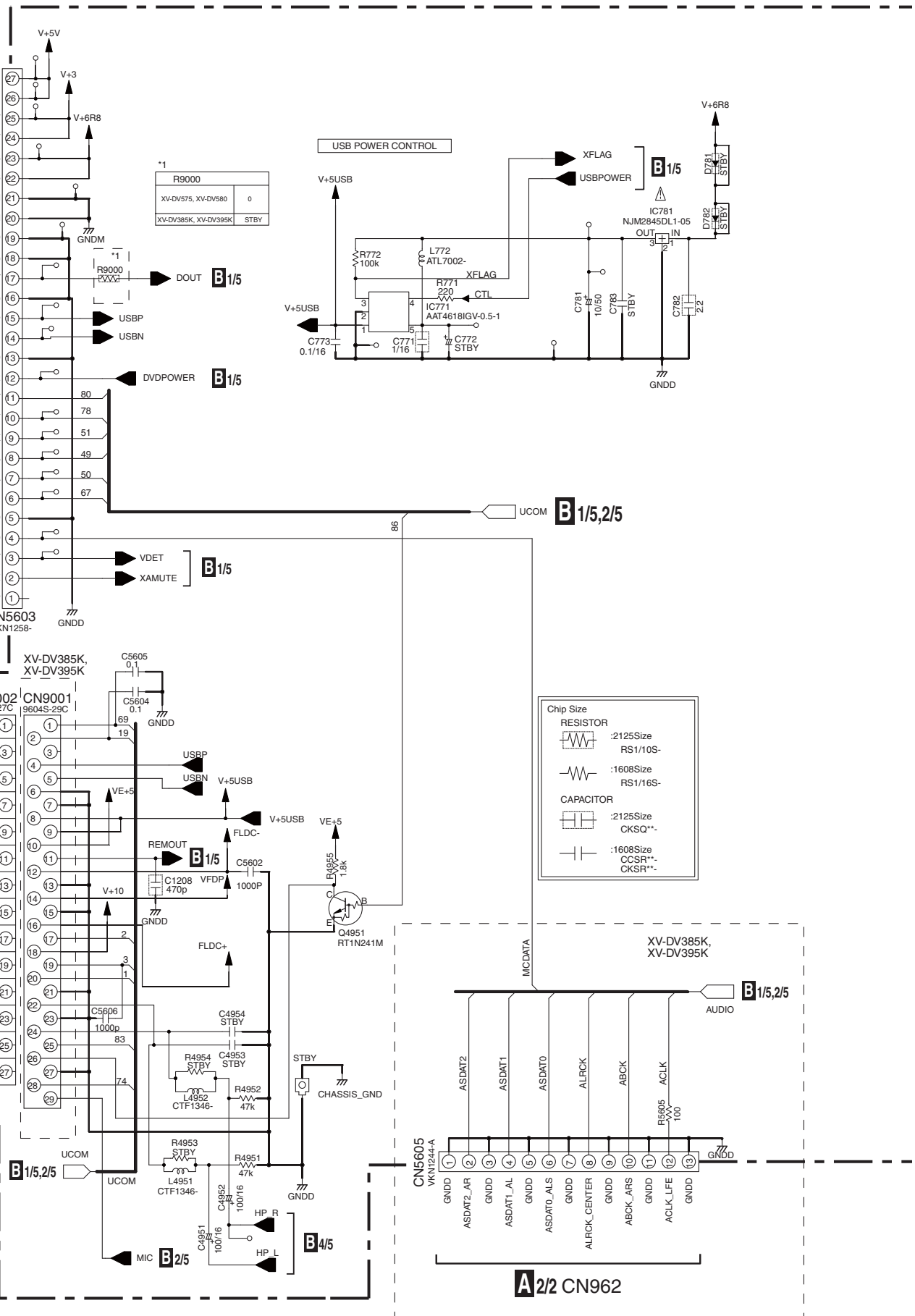
F

A2/2 CN968

C CN5901

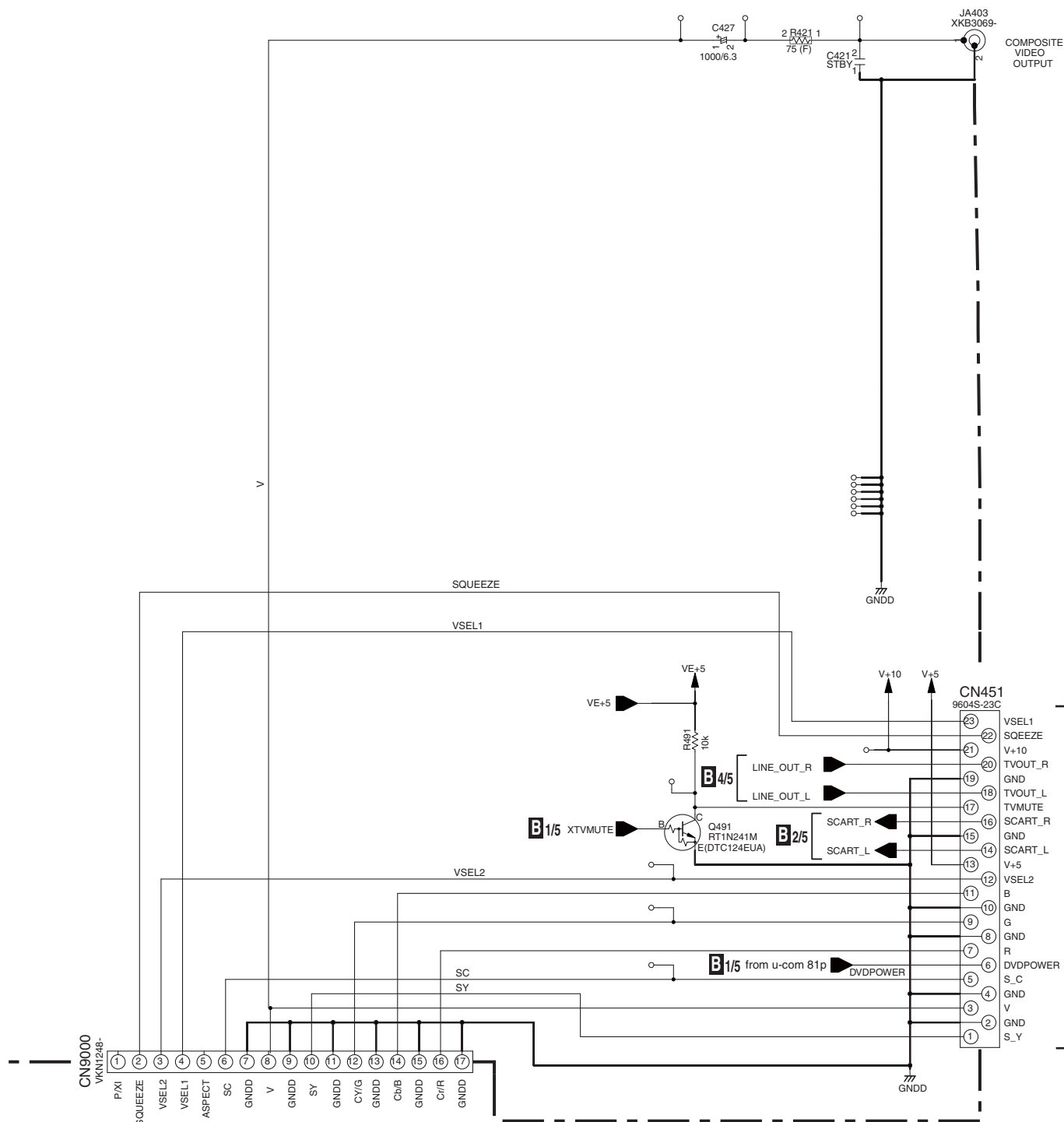
B3/5

58



XV-DV575

B3/5 SYSMAIN ASSY
 (XV-DV575 : XWM3392)
 (XV-DV580 : XWM3395)
 (XV-DV385K : XWM3391)
 (XV-DV395K : XWM3394)



A2/2 CN967

XV-DV575

B3/5

10.6 SYSMAIN ASSY (4/5)

A

B

C

D

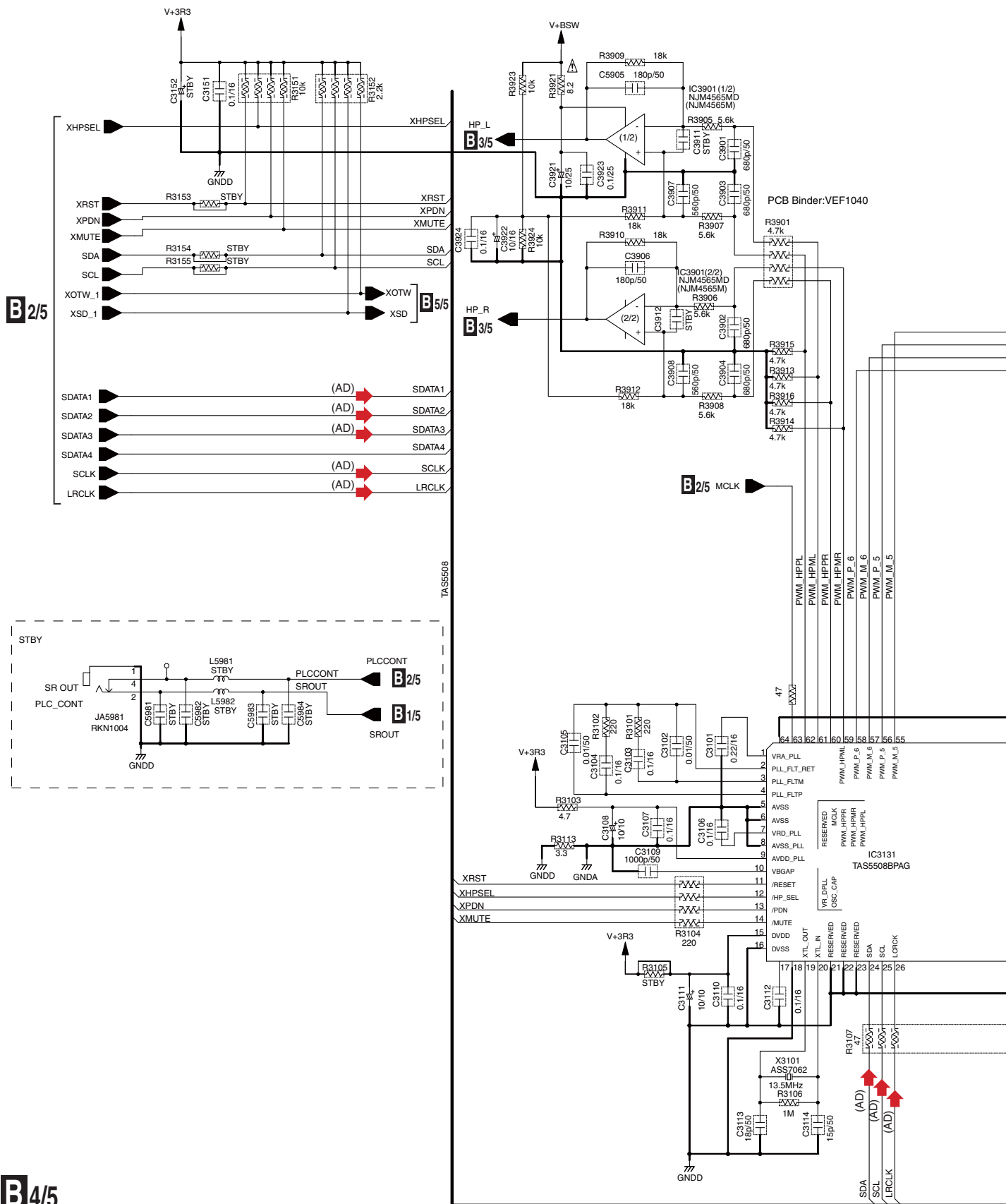
E

F

B 2/5

B 4/5

60

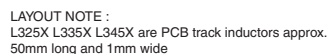


XV-DV575

F



B 5/5

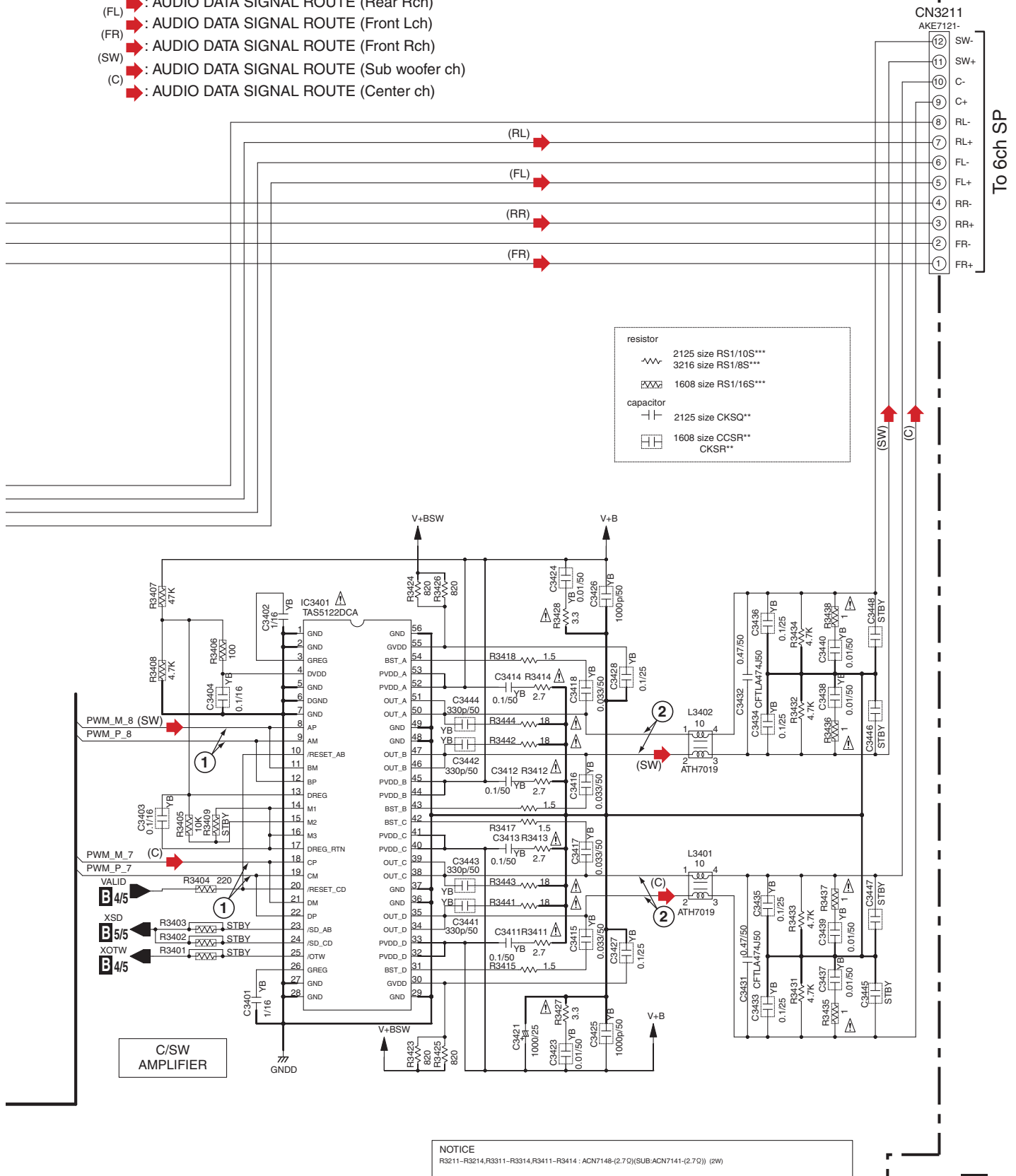


B5/5**SYSMAIN ASSY**

(XV-DV575 : XWM3392) (XV-DV580 : XWM3395)

(XV-DV385K : XWM3391) (XV-DV395K : XWM3394)

- (RL) : AUDIO DATA SIGNAL ROUTE (Rear Lch)
 (RR) : AUDIO DATA SIGNAL ROUTE (Rear Rch)
 (FL) : AUDIO DATA SIGNAL ROUTE (Front Lch)
 (FR) : AUDIO DATA SIGNAL ROUTE (Front Rch)
 (SW) : AUDIO DATA SIGNAL ROUTE (Sub woofer ch)
 (C) : AUDIO DATA SIGNAL ROUTE (Center ch)



To 6ch SP

B5/5

△

F



4



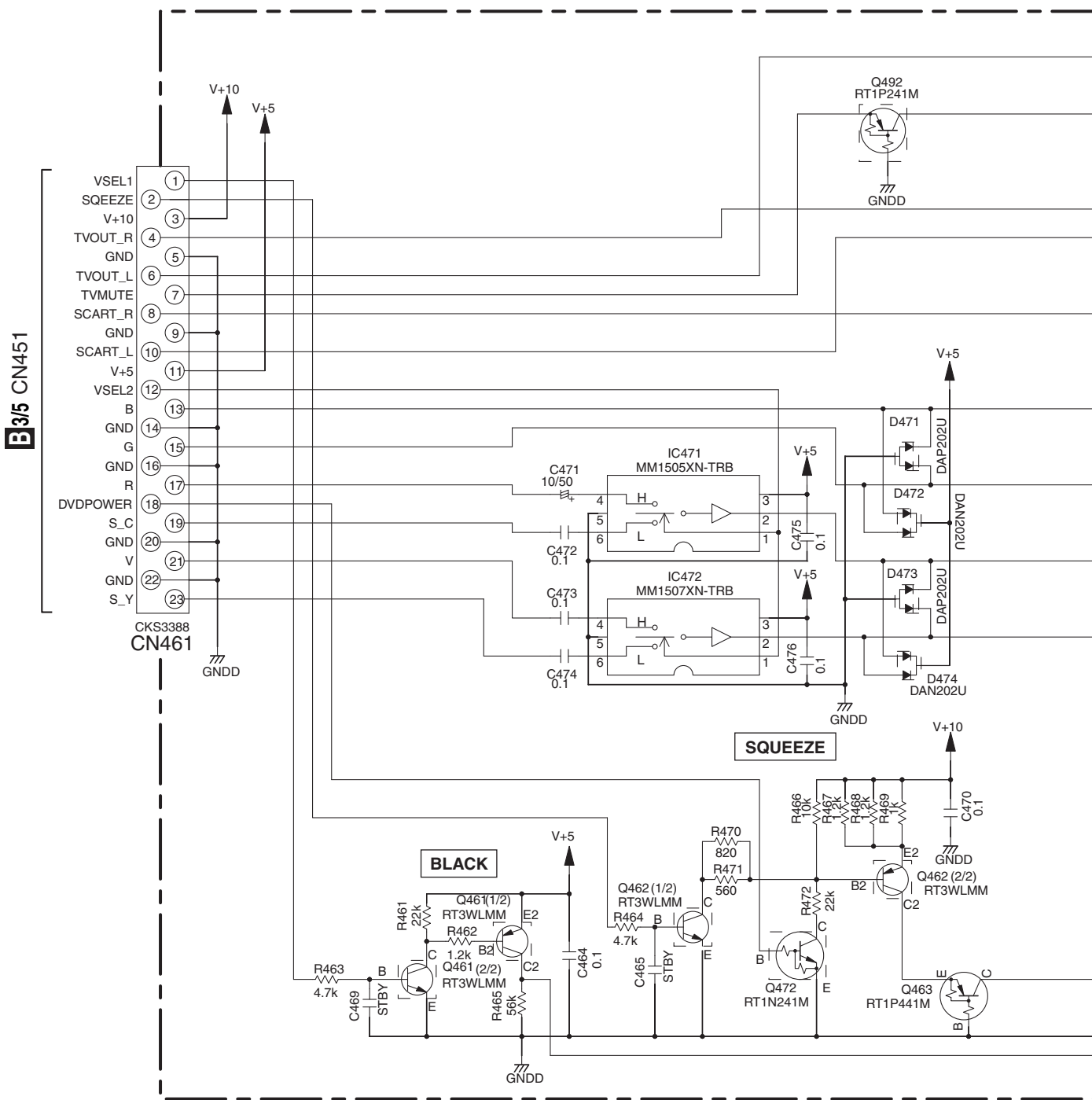
XV-DV575

F



10.9 EUROSCART ASSY

D EURO SCART ASSY (AWU8291)



A

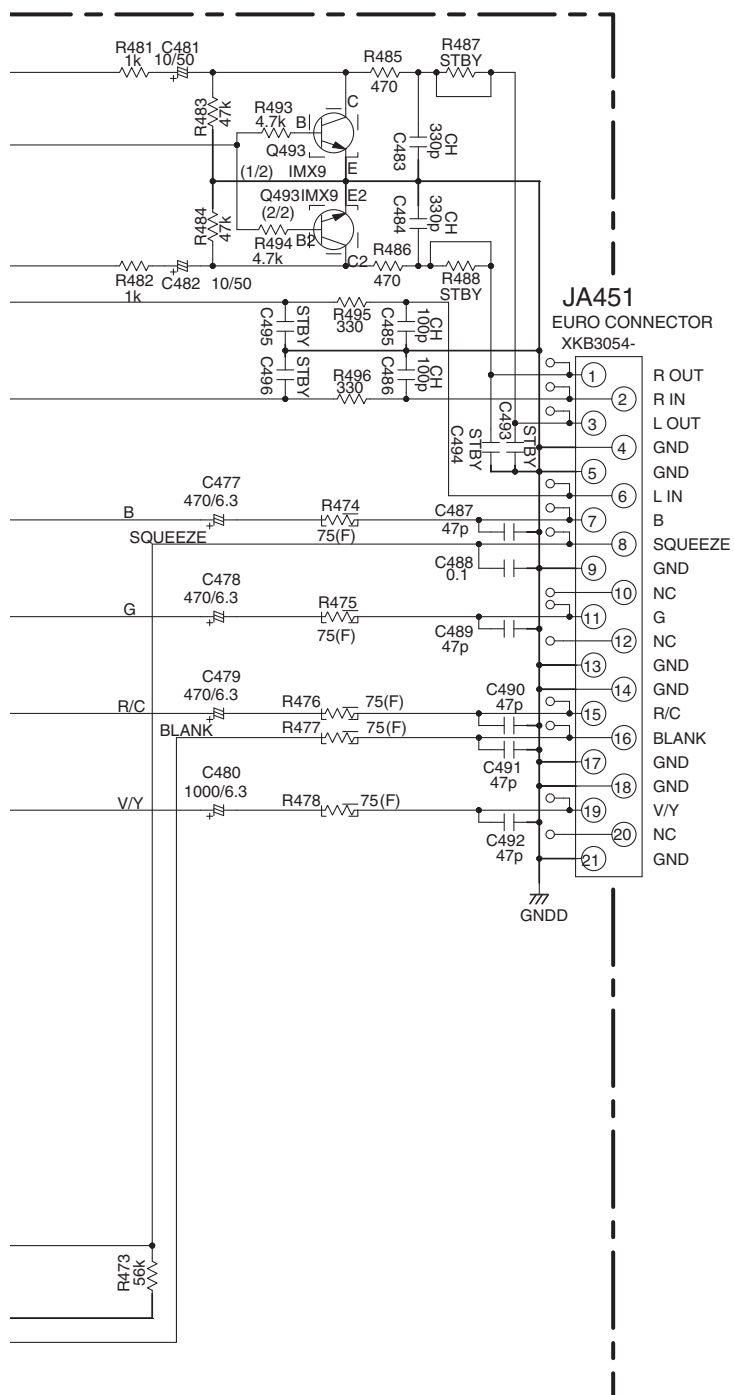
B

C

D

E

F



NOTES

ALL CAPACITORS ARE IN μF
UNLESS OTHERWISE SPECIFIED



CKSRYB**K50

JQ : CEJQ**M**



AL : CEAL**M**

AT : CEAT**M**

ALL RESISTORS ARE IN Ω



RS1/16S***J



RS1/10S***J

ALL INDUCTORS ARE IN μH



LCYA***J2520

△

F



4



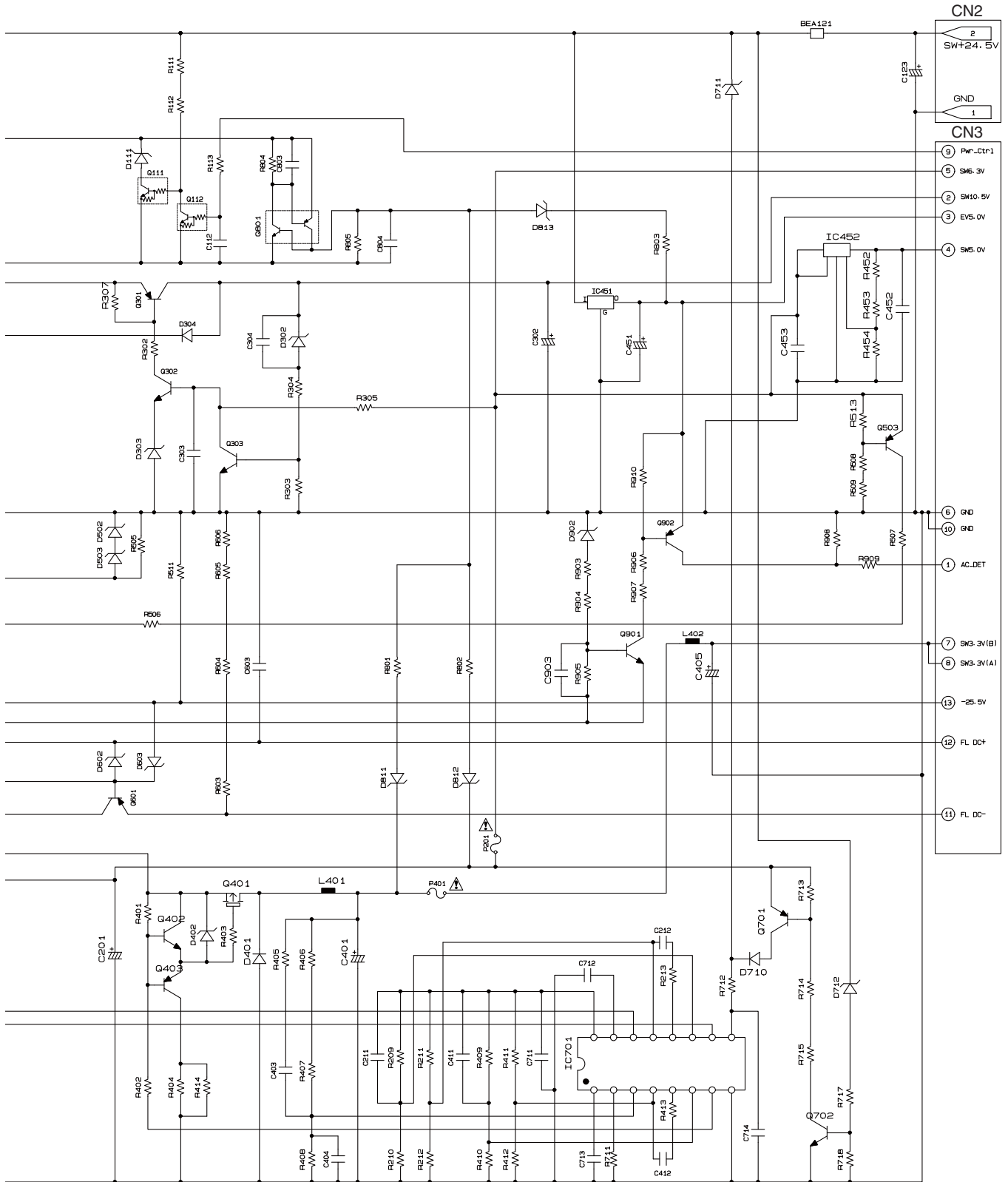
70



F POWER SUPPLY UNIT (XWR3018)

B 4/5 CN3201

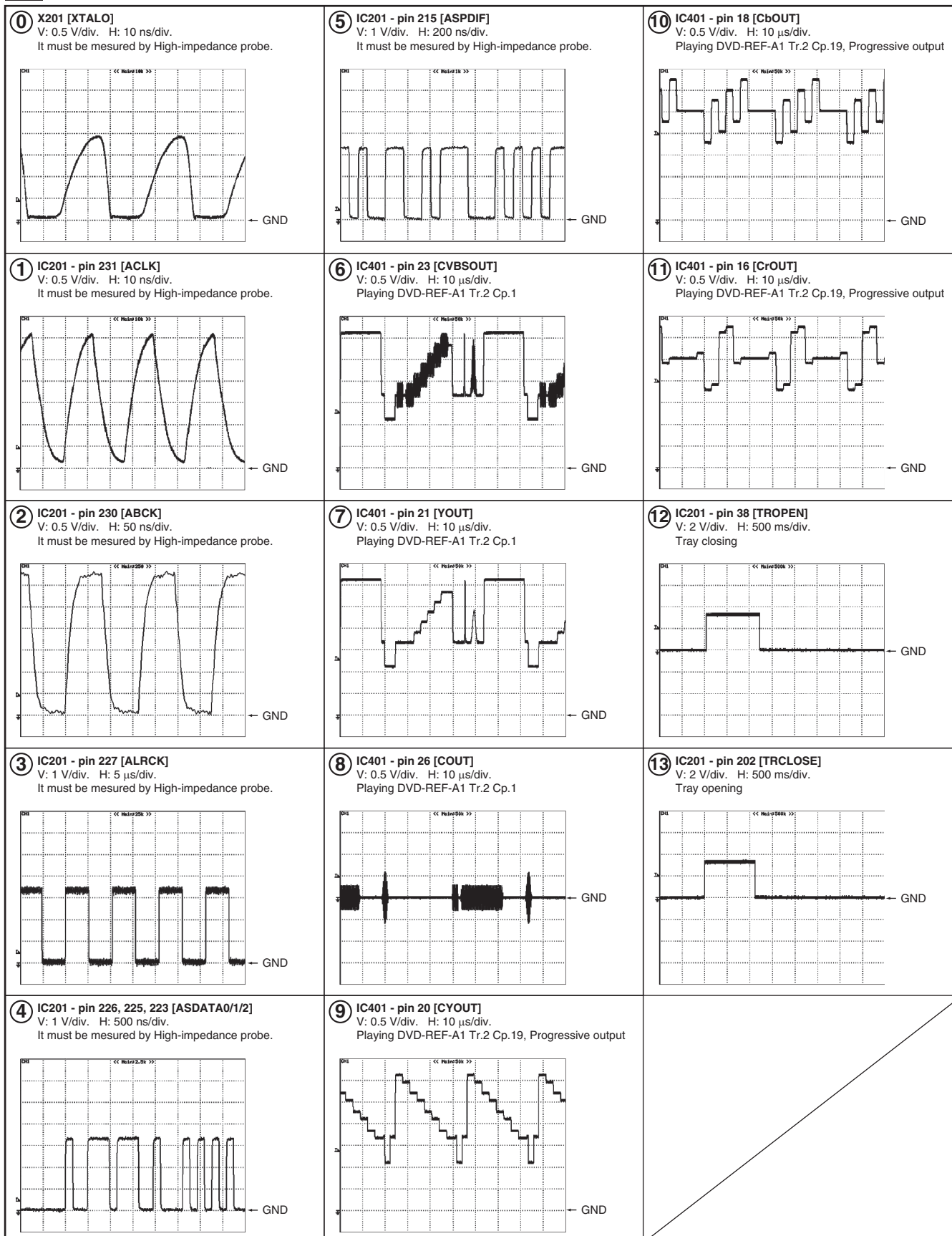
B 1/5 CN1001

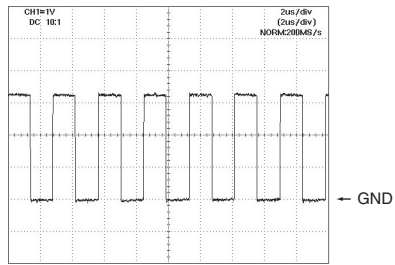
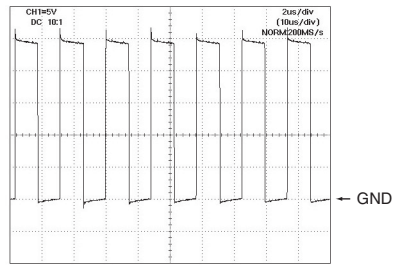
F


10.12 WAVEFORMS

Note : The encircled numbers denote measuring point in the schematic diagram.

A 08 DVD M ASSY



B SYSMAIN ASSY**①** IC3201, IC3301, IC3401 [PWM_M, PWM_P]
V: 1 V/div. H: 2 μ sec/div.**②** IC3201, IC3301, IC3401 [OUT_A, B, C, D]
V: 5 V/div. H: 2 μ sec/div.

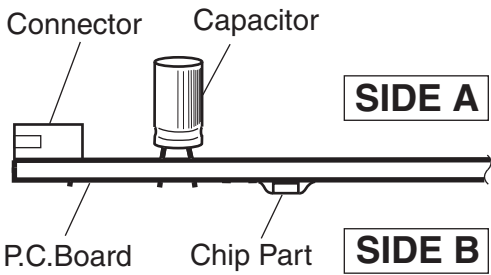
12. PCB CONNECTION DIAGRAM

NOTE FOR PCB DIAGRAMS :

1. Part numbers in PCB diagrams match those in the schematic diagrams.
2. A comparison between the main parts of PCB and schematic diagrams is shown below.

Symbol In PCB Diagrams	Symbol In Schematic Diagrams	Part Name
		Transistor
		Transistor with resistor
		Field effect transistor
		Resistor array
		3-terminal regulator

3. The parts mounted on this PCB include all necessary parts for several destinations.
For further information for respective destinations, be sure to check with the schematic diagram.
4. View point of PCB diagrams.



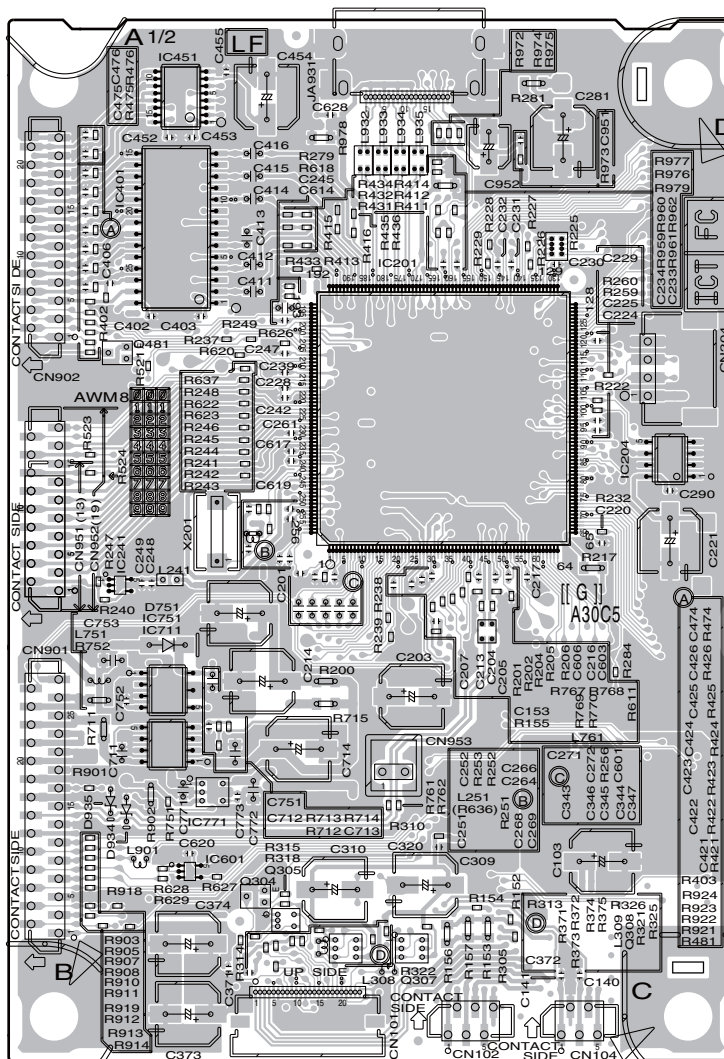
11.2 08 DVDM ASSY

SIDE A

SIDE A

A 08 DVDM ASSY

IC Q
 IC451
 IC401
 IC201
 Q481
 IC204
 IC241
 IC751
 IC711
 IC771
 IC601
 Q304
 Q305
 Q308
 Q307



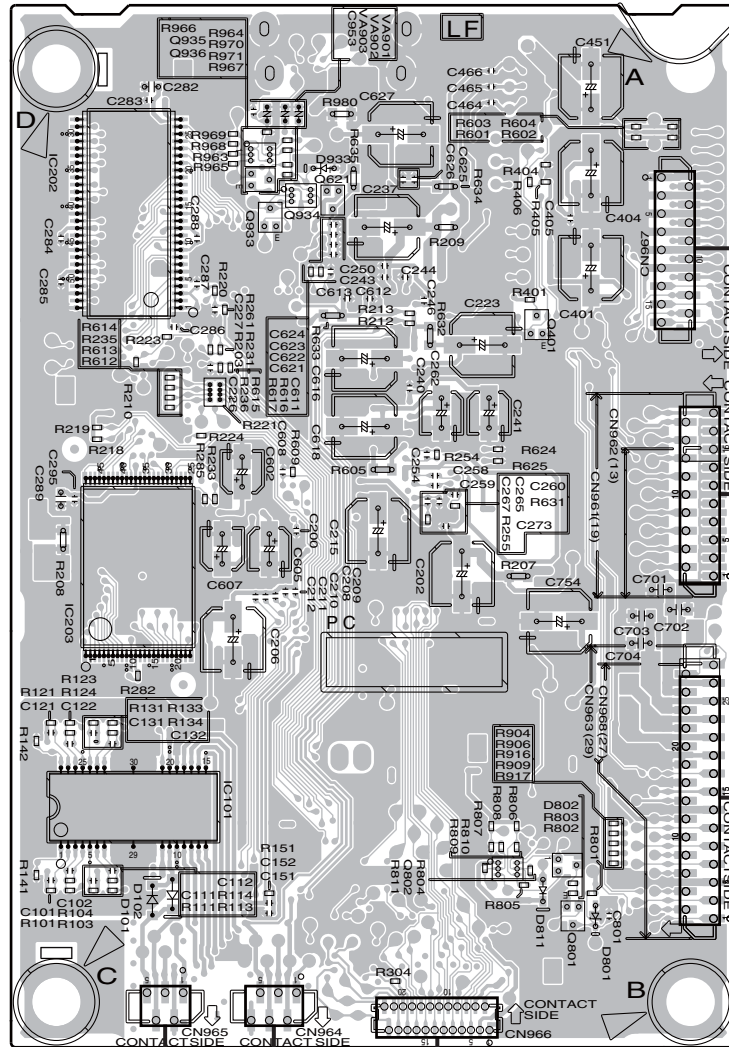
(ANP7631-A)

SIDE B

SIDE B

A 08 DVDMM ASSY

IC Q
Q935
Q936
IC202 Q621
Q934
Q933
Q401
IC203
IC101
Q802
Q801



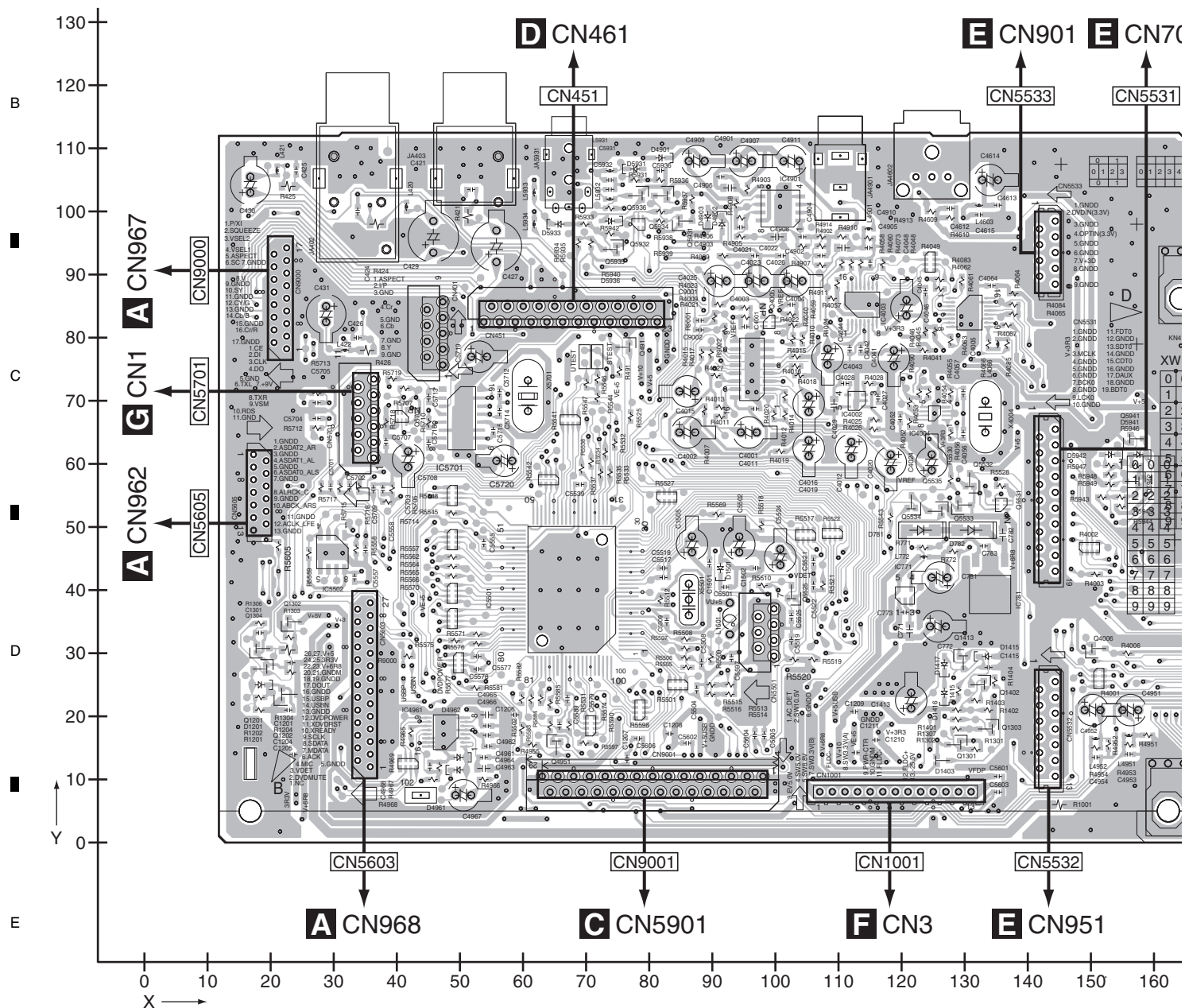
To DVD LOADER

(ANP7631-A)

11.3 SYSMAIN ASSY

SIDE A

B SYSMAIN ASSY



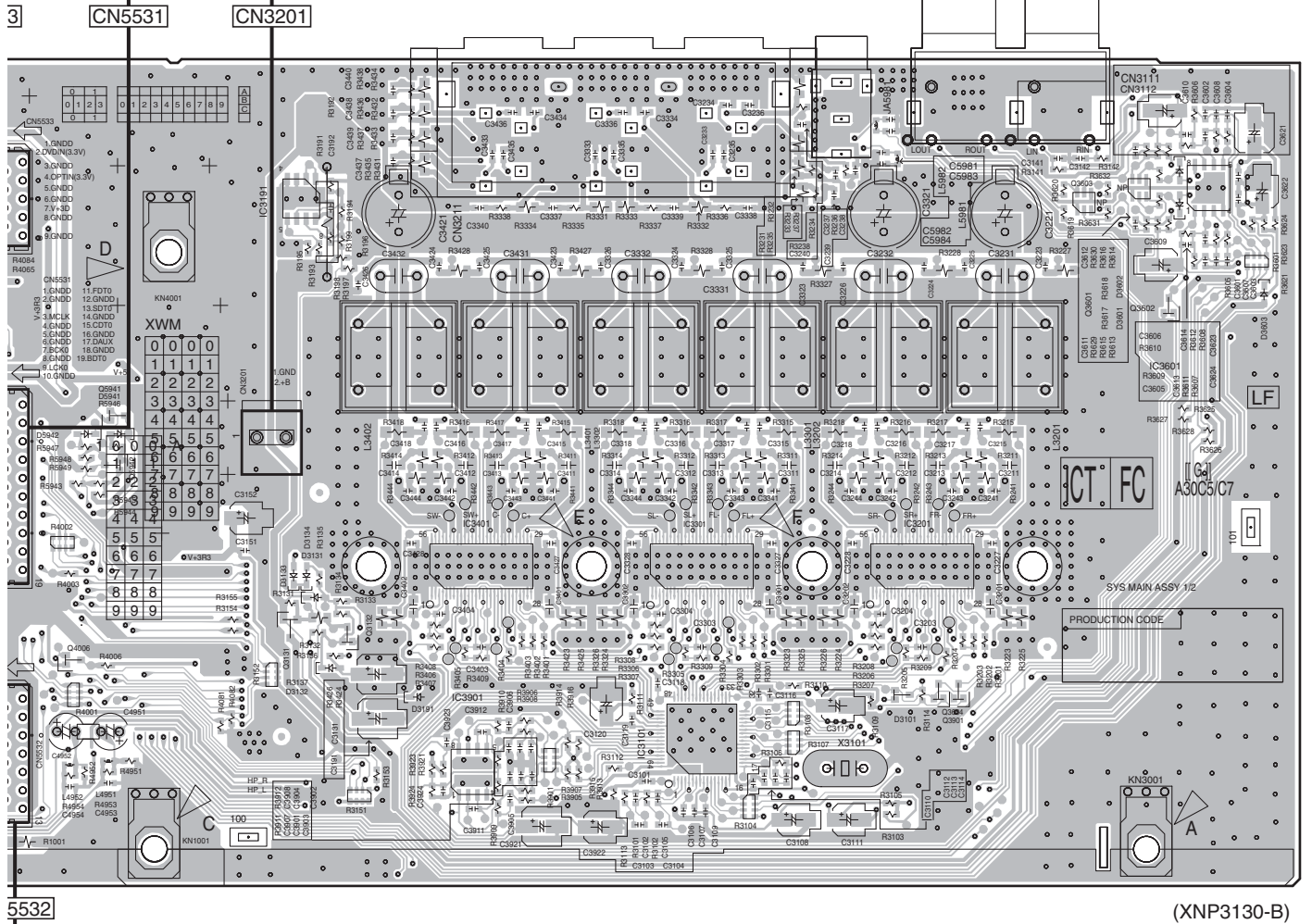
B

78

XV-DV575

SIDE A

A

301 **E** CN701 **F** CN2

B

C

D

E

F

B

79

SIDE B

A

B

C

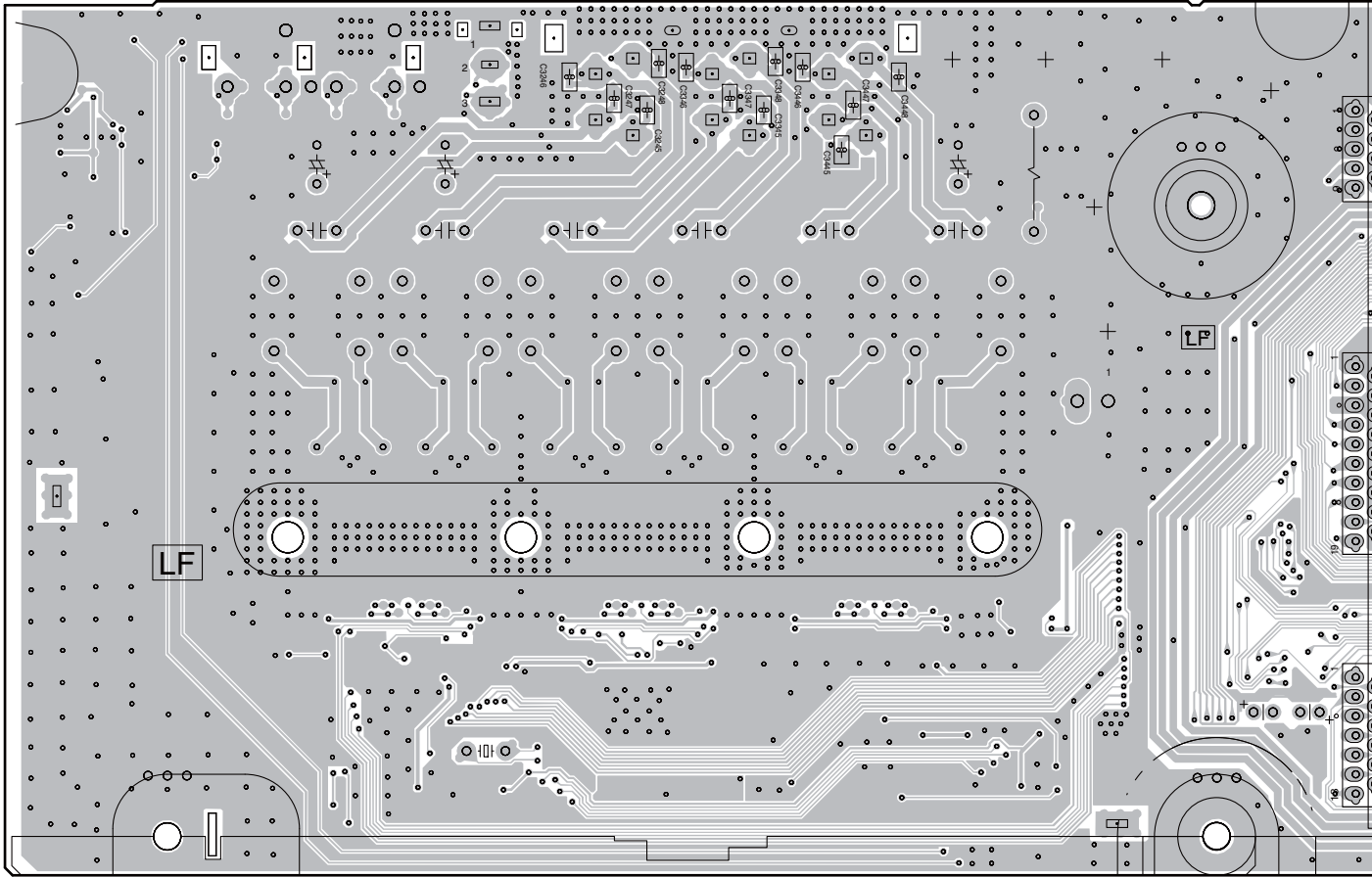
D

E

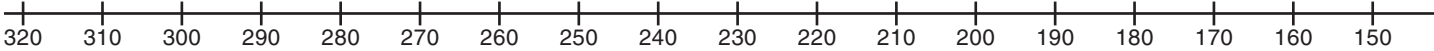
F

B SYSMAIN ASSY

CN5531



CN5531



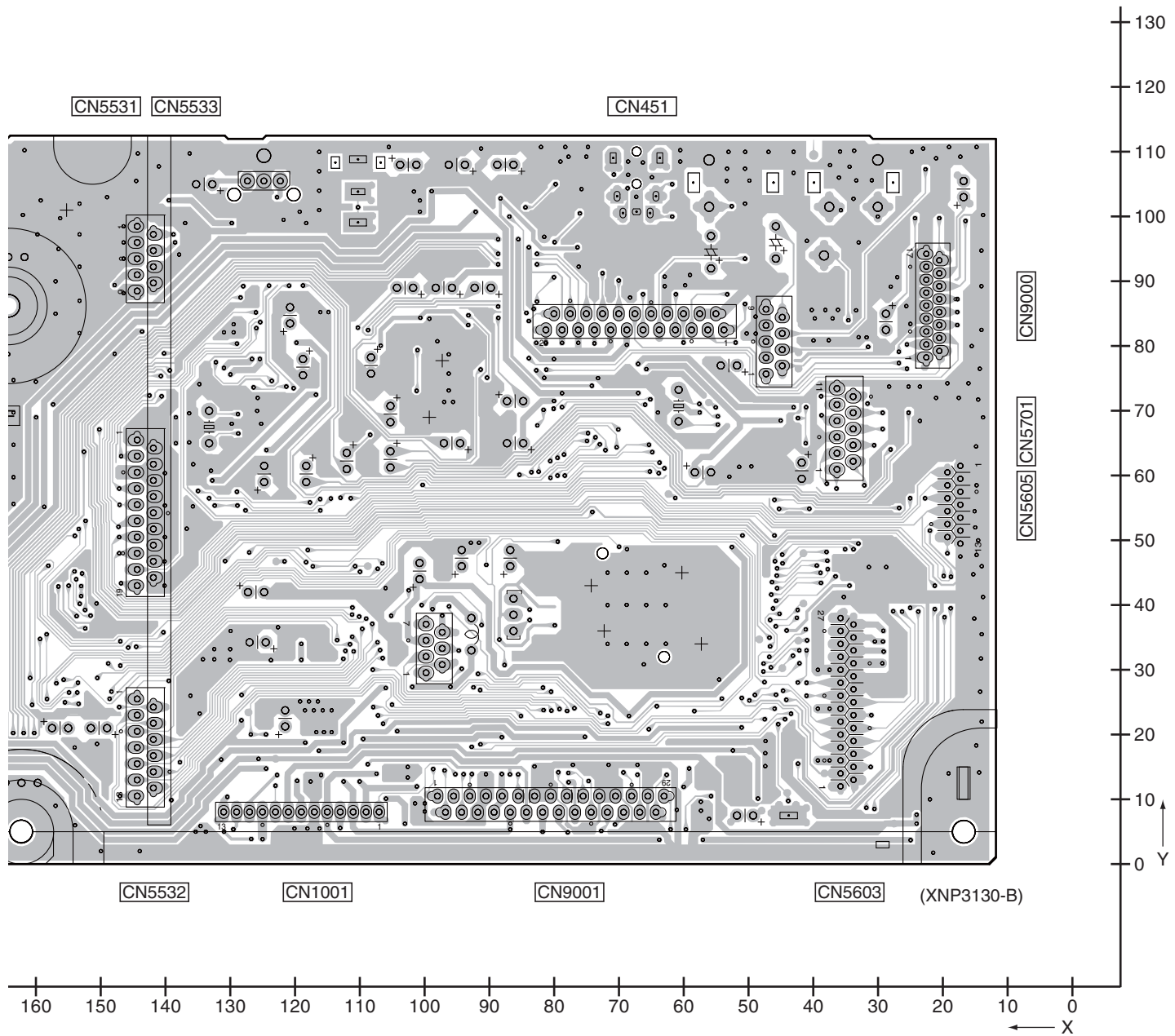
B

80

XV-DV575

SIDE B

A



C

D

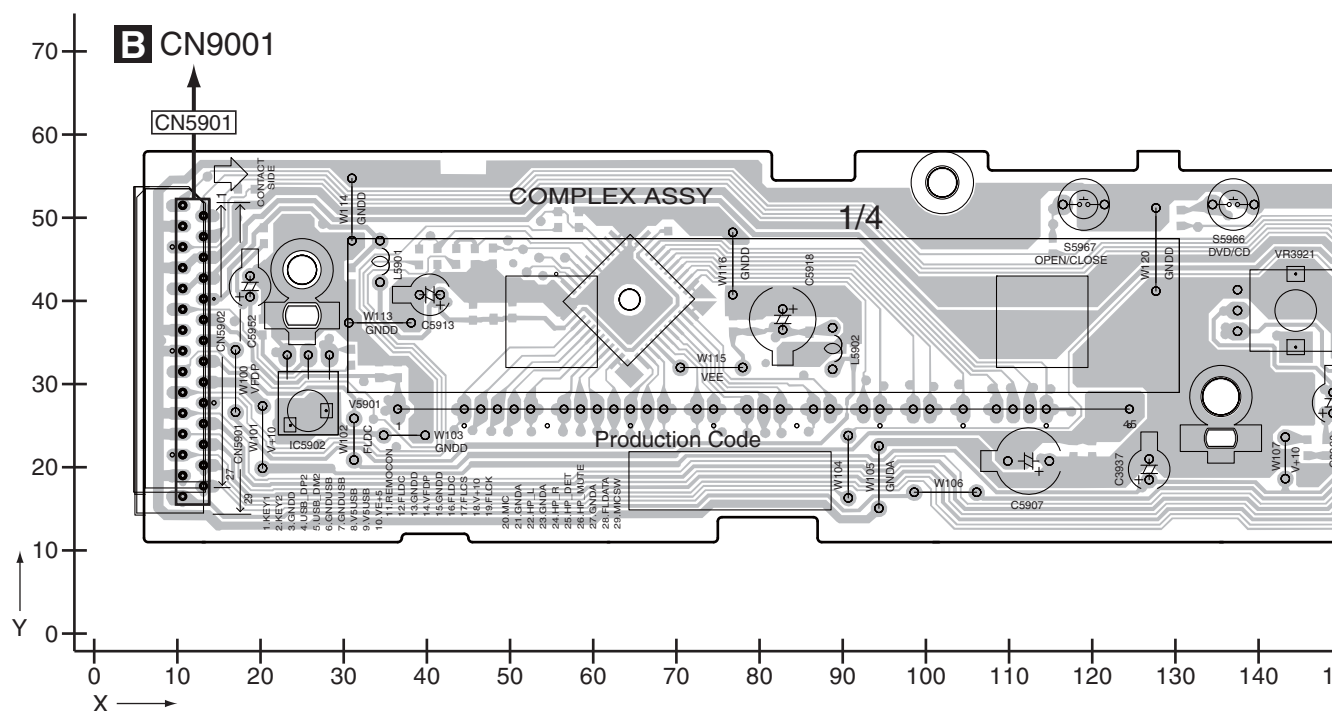
E

F

B

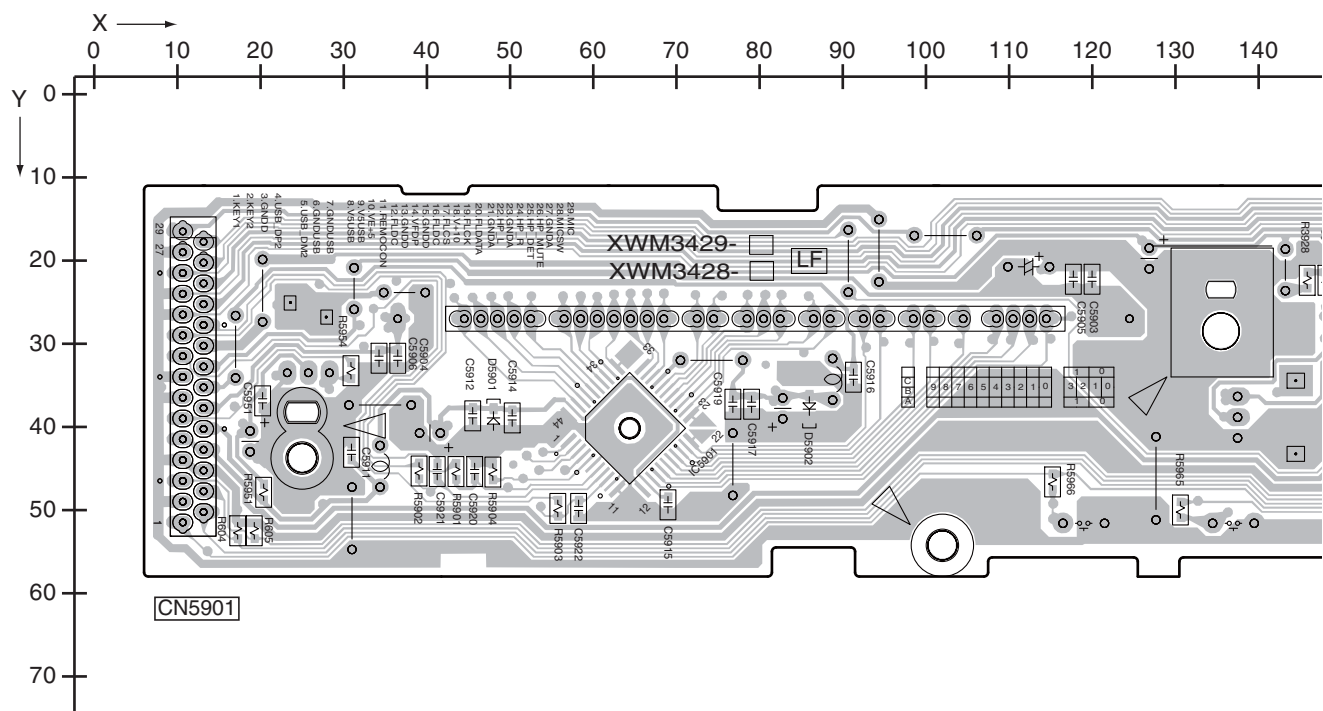
SIDE A

C COMPLEX ASSY



SIDE B

C COMPLEX ASSY

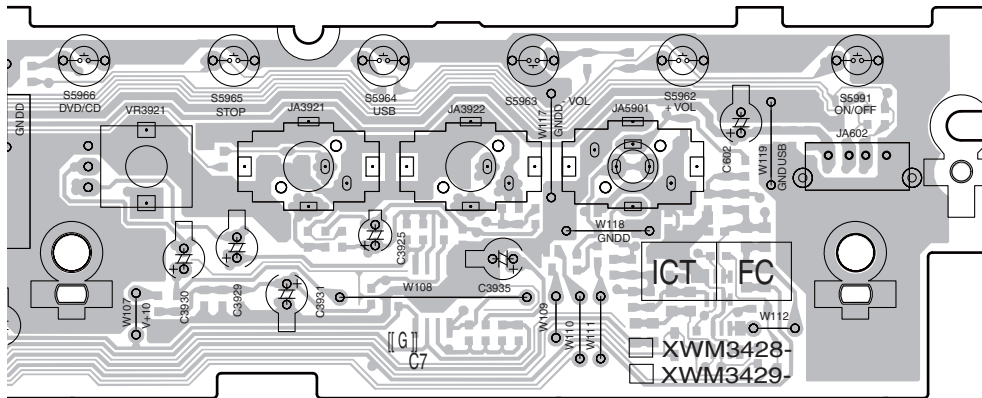


SIDE A

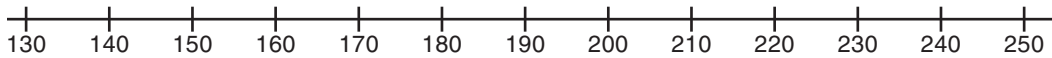
A

B

C



(XNP3131-B)

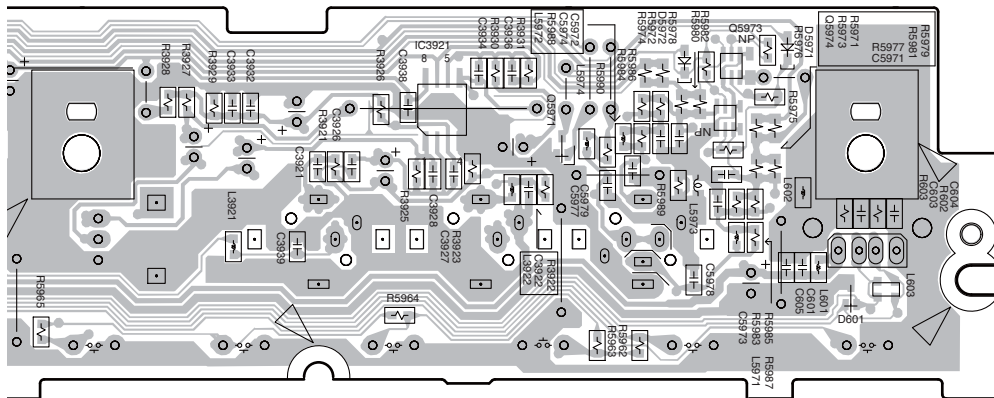


SIDE B

D

E

F



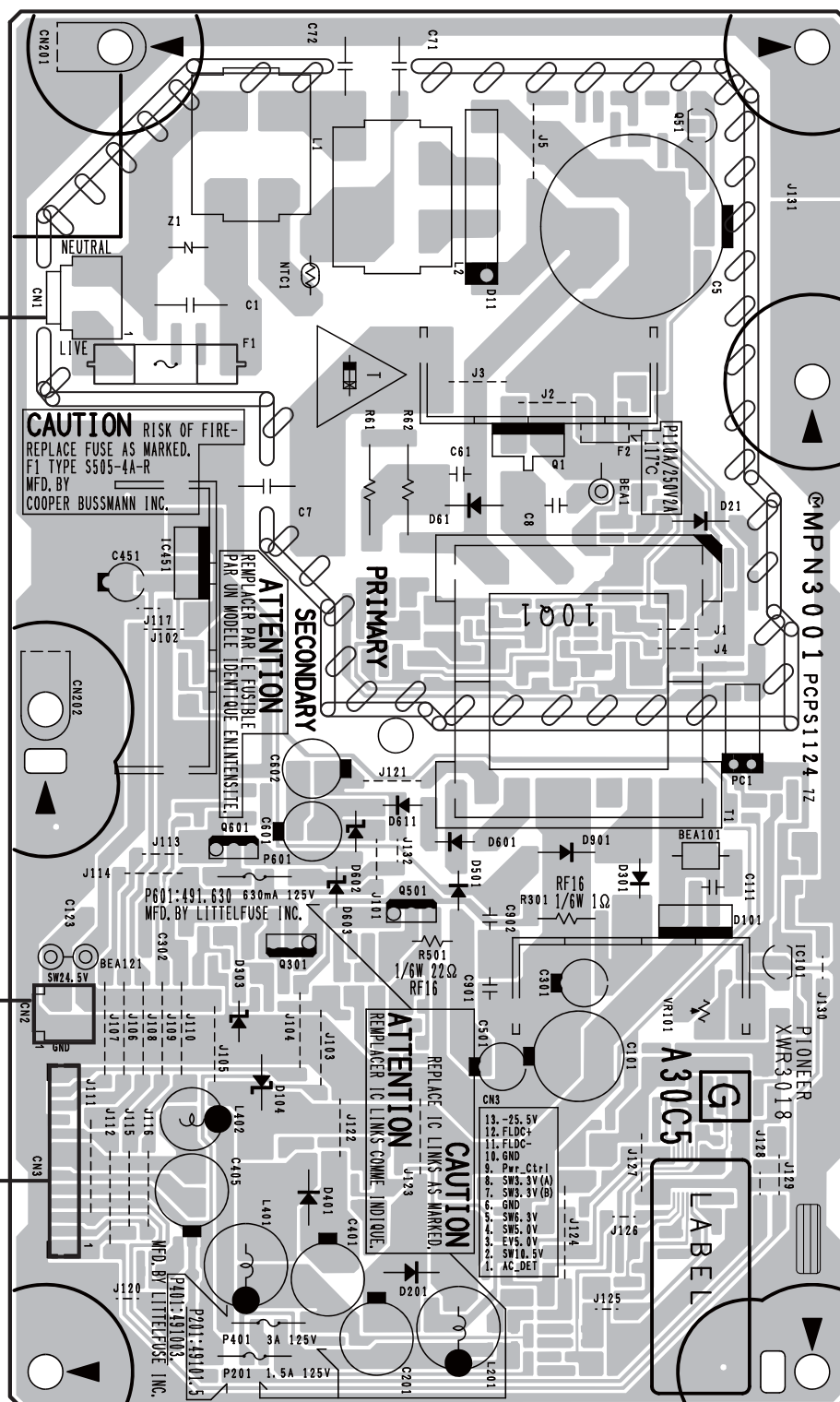
(XNP3131-B)



SIDE A**SIDE A**

To AC POWER CORD

B CN1001 **B** CN3201

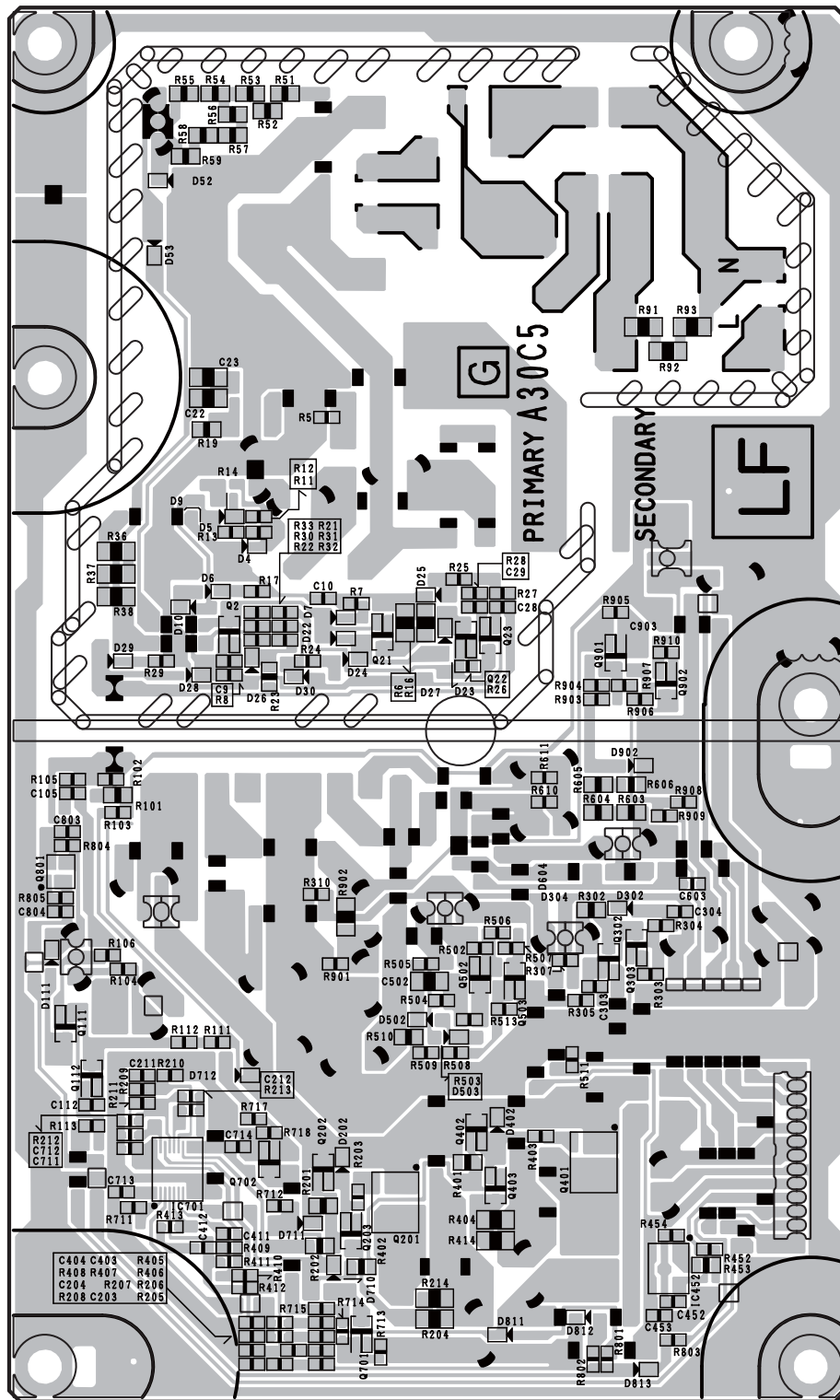


XV-DV575

SIDE B

SIDE B

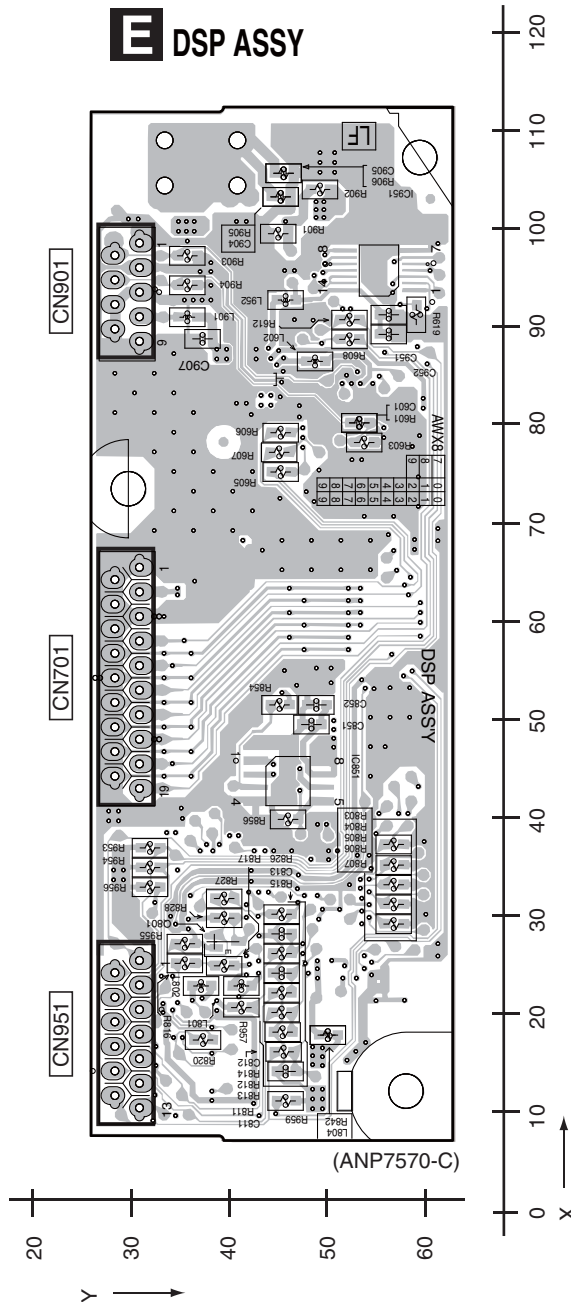
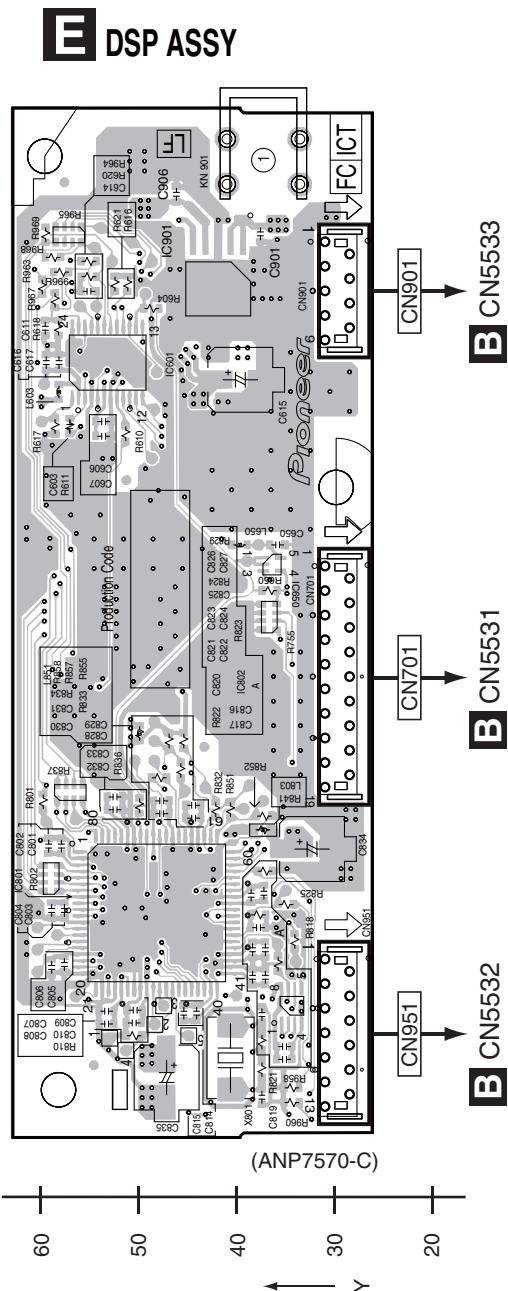
F POWER SUPPLY UNIT



11.6 DSP ASSY (XV-DV575, XV-DV580 ONLY)

SIDE A

SIDE B



12. PCB PARTS LIST

NOTES: ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.

- The $\triangle$ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

- When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47 k ohm (tolerance is shown by J = 5%, and K = 10%).

560 Ω $\rightarrow$ 56×10^1 $\rightarrow$ 561.....RD1/4PU $\begin{matrix} 5 & 6 & 1 \end{matrix}$ J
 47 k Ω $\rightarrow$ 47×10^3 $\rightarrow$ 473.....RD1/4PU $\begin{matrix} 4 & 7 & 3 \end{matrix}$ J
 0.5 Ω $\rightarrow$ R50.....RN2H $\begin{matrix} R & 5 & 0 \end{matrix}$ K
 1 Ω $\rightarrow$ 1R0.....RS1P $\begin{matrix} 1 & R & 0 \end{matrix}$ K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62 k Ω $\rightarrow$ 562×10^1 $\rightarrow$ 5621.....RN1/4PC $\begin{matrix} 5 & 6 & 2 & 1 \end{matrix}$ F

- Meaning of the figures and others in the parentheses in the parts list.

Example) IC 301 is on the point (face A, 91 of x-axis, and 111 of y-axis) of the corresponding PC board.

IC 301 (A, 91, 111) IC NJM2068V

Mark No. Description Part No.

LIST OF ASSEMBLIES

1..08 DVDMM ASSY (XV-DV575, XV-DV580) AWM8118

1..08 DVDMM ASSY (XV-DV385K, XV-DV395K)AWM8105

1..DSP ASSY (XV-DV575, XV-DV580 ONLY) AWX8706

1..SYSMAIN ASSY (XV-DV575) XWM3392

1..SYSMAIN ASSY (XV-DV580) XWM3395

1..SYSMAIN ASSY (XV-DV385K) XWM3391

1..SYSMAIN ASSY (XV-DV395K) XWM3394

Mark No. Description Part No.

1..COMPLEX ASSY (XV-DV575, XV-DV580) XWM3429

1..COMPLEX ASSY (XV-DV385K, XV-DV395K) XWM3428

NSP 1..NHTS JACK ASSY AWM8034

2..EUROSCART ASSY AWU8291

$\triangle$ 1..POWER SUPPLY UNIT XWR3018

1..FM/AM TUNER UNIT AXX7248

CONTRAST OF PCB ASSEMBLIES

A 08 DVDMM ASSY

AWM8118 and AWM8105 are constructed the same except for the following:

Mark	Symbol and Description	AWM8118	AWM8105
	IC241	Not used	TC7SH08FUS1
	L241 CHIP SOLID INDUCTOR	Not used	QTL1013
	CN962 13P FFC CONNECTOR	Not used	VKN1472
	C248	Not used	CKSSYB104K16
	C249	Not used	CCSSCH471J16
	R240-R242, R244-R246	Not used	RS1/16SS330J
	R243	Not used	RS1/16SS100J

B SYSMAIN ASSY (XV-DV575/XV-DV580)

XWM3392 and XWM3395 are constructed the same except for the following:

Mark	Symbol and Description	XWM3392	XWM3395
	R5514	Not used	RS1/16S473J
	R5516	RS1/16S473J	Not used

B SYSMAIN ASSY (XV-DV385K/XV-DV395K)

XWM3391 and XWM3394 are constructed the same except for the following:

Mark	Symbol and Description	XWM3391	XWM3394
	R5516	RS1/16S473J	Not used

**COMPLEX ASSY**

XWM3429 and XWM3428 are constructed the same except for the following:

Mark	Symbol and Description	XWM3429	XWM3428
	IC3921	Not used	NJM4565MD
	L3921 INDUCTOR	Not used	CTF1306
	VR3921 VARIABLE (10K-X1)	Not used	XCS3007
	CN5902 27P FFC CONNECTOR	9607S-27F	Not used
	CN5901 29P FFC CONNECTOR	Not used	9607S-29F
	JA3921, JA3922 MIC JACK	Not used	XKN3012
	R3921, R3922, R3928, R3929	Not used	RS1/16S332J
	R3925, R3927	Not used	RS1/16S473J
	R3926	Not used	RS1/16S103J
	R3930	Not used	RS1/16S152J
	R3931	Not used	RS1/16S123J
	C3921, C3922, C3933	Not used	CCSRCH101J50
	C3925, C3935	Not used	CEJQ2R2M50
	C3928	Not used	CCSRCH681J50
	C3929, C3930	Not used	CEAT2R2M50
	C3931	Not used	CEAT470M16
	C3932, C3938	Not used	CKSRYB104K16
	C3936	Not used	CKSRYB122K50
	C3939	Not used	CKSRYB223K16

PCB PARTS LIST FOR XV-DV575/WYXJ5 UNLESS OTHER WISE NOTED**Mark No. Description****Part No.****Mark No. Description****Part No.****08 DVDM ASSY****SEMICONDUCTORS**

IC 101	BA5984FP
IC 201	MT1389FE/S-L
IC 202	K4S641632K-UC75
IC 203	AYW7242
IC 204	S-24CS64A0I

IC 401	MM1758XF
IC 601	TC7SH08FUS1
IC 711	MM1661JH
IC 771	NJM2872BF05
Q 304,801	2SC4081

Q 305	UM5K1N
Q 307,308	HN1A01F
Q 481,933	DTC114YUA
Q 621	2SK2034
Q 802	HN1A01FU

Q 934	UMB1N
D 101,102	RR264M-400
D 761,762	UDZS3R9(B)
D 801	UDZS4R7(B)
D 802	DAN202U

D 811	1SS352
D 933	UDZS5R1(B)

MISCELLANEOUS

L 751 INDUCTOR	CTF1395
L 761 COIL	VTH1047
L 901 INDUCTOR	CTF1334
L 932-935 COIL	ATH7022
JA 931 HDMI CONNECTOR	AKP7224

X 201 CRYSTAL RESONATOR (27MHZ)	VSS1172
CN 964 06P CONNECTOR	VKN1574

CN 965 05P CONNECTOR	VKN1573
CN 966 CONNECTOR	VKN2045
CN 967 17P CONNECTOR	VKN1577

CN 968 27P CONNECTOR	VKN1583
----------------------	---------

RESISTORS

R 103,113,114,201	RS1/16SS1202F
R 104	RS1/16SS1002F
R 123,133	RS1/16SS3302F
R 124,134	RS1/16SS2702F
R 153,156,157	RS1/8SQ3R3J

R 202	RS1/16SS8201F
R 205,206	RS1/16SS1502F
R 208,209,281,634	RS1/10S0R0J
R 221,225	RAB4CQ330J
R 279	RS1/16SS2201F

R 411-416	RS1/16SS1500F
R 617	RS1/16SS2701F
R 636	RS1/16S0R0J
R 715,752,902	RS1/10S0R0J
R 978-980	RS1/10S0R0J

Other Resistors	RS1/16SS###J
-----------------	--------------

CAPACITORS

C 103,373,401,404	CEVW101M16
C 151,200,204,205	CKSSYB104K16
C 152,153,210	CKSSYB222K50
C 201,202,223,237	CEVW221M4
C 203,206,215,309	CEVW470M16

C 207,208,213,216	CKSSYB104K16
C 209	CKSSYB153K16
C 211,212	CCSSCH271J50
C 217,220,224,225	CKSSYB104K16
C 226,240,283-288	CKSSYB103K16

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	C 227		CCSSCH221J50	Q	3601 (A,296,95)	TRANSISTOR	IMX9
	C 228-234,239,243		CKSSYB104K16	Q	3602 (A,300,79)	DIGITAL TR(SC-70)	RT1P241M
	C 241,602,607,952		CEVW100M16	Q	3603 (A,289,93)	TRANSISTOR	IMX9
	C 242		CKSSYB152K50	Q	3604 (A,269,27)	DIGITAL TR(SC-70)	RT1P241M
	C 244,246,247,250		CKSSYB104K16	Q	4005 (A,99,83)	CHIP TRANSISTOR	HN1A01FU
	C 245,282,289		CKSRYP105K10	Q	4006 (A,151,31)	TRANSISTOR	RT1N241M
	C 251,252		CCSSCH100D50	Q	4951 (A,65,15)	TRANSISTOR	RT1N241M
	C 254,267,295,608		CKSSYB102K50	Q	5525 (A,103,40)	DIGITAL TR(SC-70)	RT1N431M
	C 258,259		CKSSYB473K16	Q	5531 (A,136,54)	TRANSISTOR	RT3N22M
	C 260,261,264,266		CKSSYB104K16	Q	5532 (A,131,58)	TRANSISTOR	RT1N241M
	C 262,605		CEVW4R7M16	Q	5533 (A,130,54)	DIGITAL TR(SC-70)	RT1P241M
	C 265		CCSSCH220J50	Q	5703 (A,41,68)	CHIP TRANSISTOR	HN1C01FU
	C 268,271-273,290		CKSSYB104K16	Q	5931 (A,86,99)	TRANSISTOR	RT1N241M
	C 269		CKSSYB333K10	Q	5932 (A,78,98)	TRANSISTOR	RT3N22M
	C 281,618		CEVW221M4	Q	5934 (A,82,103)	TRANSISTOR(SC-70)	2SA1602A
	C 310,616,627		CEVW470M16	Q	5935 (A,74,94)	TRANSISTOR(SC-70)	2SA1602A
	C 343-347,412-414		CKSRYP105K10	Q	5936 (A,78,103)	DIGITAL TR(SC-70)	RT1P241M
	C 371,372,402,405		CKSSYB104K16	D	1403 (A,127,13)	DIODE	MC2846-11
	C 406,601,603,606		CKSSYB104K16	D	1415 (A,134,30)	DIODE	UDZS4R7(B)
	C 411,415,416		CKSRYP104K16	D	3101 (A,264,26)	DIODE	MC2846-11
	C 611		CKSSYB562K25	D	3131 (A,184,39)	DIODE	UDZS18(B)
	C 612,613,617		CKSSYB104K16	D	3133 (A,181,42)	DIODE	1SS352
	C 614		CCSSCH101J50	D	3134 (A,183,42)	DIODE	UDZS15(B)
	C 619-621,623,625		CKSSYB104K16	D	3191 (A,198,26)	DIODE	UDZS4R7(B)
	C 622,624,626		CKSSYB102K50	D	3603 (A,313,81)	DIODE	UDZS12(B)
	C 628,773,801,951		CKSSYB104K16	D	4901 (A,82,109)	DIODE	UDZS5R1(B)
	C 711,771		CKSRYP105K10	D	4902 (A,92,98)	DIODE	UDZS3R9(B)
	C 712		CCSSCH471J16	D	4903 (A,89,99)	DIODE	UDZS3R9(B)
	C 713,772		CKSQYB225K10	D	5931 (A,78,107)	DIODE	1SS352
				D	5933 (A,66,98)	DIODE	1SS352
				D	5936 (A,74,99)	DIODE	1SS352
				L	772 (A,124,45)	CHIP SOLID INDUCTOR	ATL7002
				L	1501 (A,93,33)	AXIAL INDUCTOR	LAU220J
				L	3201 (A,284,68)	INDUCTORS	ATH7019
				L	3202 (A,267,68)	INDUCTORS	ATH7019
				L	3301 (A,251,68)	INDUCTORS	ATH7019
				L	3302 (A,234,68)	INDUCTORS	ATH7019
				L	3401 (A,218,68)	INDUCTORS	ATH7019
				L	3402 (A,201,68)	INDUCTORS	ATH7019
				L	4603 (A,132,101)	INDUCTOR	CTF1379
				L	4901 (A,115,97)	INDUCTOR	CTF1379
				L	4951 (A,156,17)	INDUCTOR	CTF1346
				L	4952 (A,151,17)	INDUCTOR	CTF1346
				L	5931 (A,74,107)	CHIP SOLID INDUCTOR	QTL1013
				L	5932 (A,74,102)	CHIP SOLID INDUCTOR	QTL1013
				L	5933 (A,62,103)	CHIP SOLID INDUCTOR	QTL1013
				L	5934 (A,62,98)	CHIP SOLID INDUCTOR	QTL1013
				JA	403 (A,52,114)	JACK	XKB3069
				JA	4602 (A,125,114)	OPT. LINK IN	GP1FAV51RKBF
				JA	4901 (A,110,111)	JACK	RKN1004
				JA	5931 (A,67,112)	MINI JACK(4P) /W SW	XKN3015
				X	3101 (A,254,16)	CRYSTAL RESONATOR (13.5 MHz)	ASS7062
				X	5501 (A,86,41)	CERAMIC RESONATOR (10 MHz)	ASS7034
				X	5701 (A,61,73)	CRYSTAL RESONATOR (4.332 MHz)	ASS7004
				CN	451 (A,54,83)	CONNECTOR	9604S-23C
				CN	1001 (A,107,8)	CONNECTOR ASS'Y	PG13KA-F07
				CN	3111 (A,279,114)	PIN JACK(4P)	AKB7114

B SYSMAIN ASSY (XV-DV575)

MISCELLANEOUS

△ IC	771 (A,121,39)	LOAD SWITCHING	AAT4618IGV-0.5-1
△ IC	781 (A,134,40)	REGULATOR IC	NJM2845DL1-05
IC	3101 (A,237,20)	8CH PWM PROCESSOR IC	TAS5508BPAG
IC	3191 (A,182,94)	OP-AMP IC	BA10358F
△ IC	3201 (A,267,44)	DIGITAL AMP IC	TAS5122DCA
△ IC	3301 (A,237,44)	DIGITAL AMP IC	TAS5122DCA
△ IC	3401 (A,207,44)	DIGITAL AMP IC	TAS5122DCA
IC	3601 (A,306,95)	DUAL OP-AMP	NJM4565MD
IC	3901 (A,206,16)	DUAL OP-AMP	NJM4565MD
IC	4001 (A,96,75)	IC	TC4052BFN
△ IC	4002 (A,113,70)	REGULATOR IC	NJM2872BF25
IC	4003 (A,114,85)	AD CONVERTER IC	AK5358AET
IC	4901 (A,101,101)	DUAL OP-AMP	NJM4565MD
IC	5501 (A,68,40)	SYSTEM CONTROL MICON	PDC175A
IC	5502 (A,30,46)	EEPROM	S-93C46BD0I-J8T1
IC	5701 (A,50,67)	RDS DECORDER IC	LC72725KM
Q	491 (A,76,79)	TRANSISTOR	RT1N241M
Q	1301 (A,128,16)	TRANSISTOR(SC-70)	2SA1602A
Q	1302 (A,24,35)	TRANSISTOR	2SA1577
Q	1303 (A,133,18)	TRANSISTOR	2SC4154
Q	1304 (A,19,31)	TRANSISTOR	2SC4154
Q	1402 (A,132,25)	TRANSISTOR(SC-70)	2SA1602A
Q	1413 (A,130,29)	TRANSISTOR	RT1N241M
Q	3131 (A,181,35)	TRANSISTOR	2SA1036K
Q	3132 (A,189,34)	DIGITAL TR(SC-70)	RT1N431M

Mark No.	Description	Part No.
CN 3201 (A,176,61)	2P CONNECTOR	B2P-VH
CN 3211 (A,225,114)	6CH SPEAKER JACK(V0)	AKE7121
CN 5501 (A,100,30)	CONNECTOR	9604S-07C
CN 5531 (A,144,66)	19P PLUG	XKM3005
CN 5532 (A,144,26)	13P PLUG	XKM3004
CN 5533 (A,144,99)	9P PLUG	XKM3008
CN 5603 (A,36,12)	27P CONNECTOR	VKN1258
CN 5701 (A,36,61)	CONNECTOR	9604S-11C
CN 9000 (A,23,78)	17P CONNECTOR	VKN1248
CN 9002 CONNECTOR		9604S-27C
102 (A,44,8)	PCB BINDER	VEF1040
101 (A,312,49)	PCB BINDER	VEF1040

RESISTORS

R 421 (A,51,99)	RS1/10S75R0F
R 491 (A,75,75)	RS1/16S103J
R 771 (A,124,47)	RS1/16S221J
R 772 (A,128,46)	RS1/16S104J
R 1301 (A,132,15)	RS1/16S473J
R 1302 (A,129,18)	RS1/16S392J
R 1303 (A,23,33)	RS1/16S473J
R 1304 (A,23,31)	RS1/10S561J
R 1306 (A,18,35)	RS1/16S103J
R 1307 (A,129,20)	RS1/16S472J
R 1401 (A,129,21)	RS1/16S392J
R 1402 (A,134,21)	RS1/16S332J
R 1403 (A,132,23)	RS1/16S473J
R 1404 (A,135,26)	RS1/16S393J
R 1415 (A,129,24)	RS1/16S182J
R 3101 (A,226,12)	RS1/16S221J
R 3102 (A,229,12)	RS1/16S221J
R 3103 (A,263,10)	RS1/16S4R7J
R 3104 (A,243,11)	RAB4C221J
R 3106 (A,248,17)	RS1/16S105J
R 3107 (A,249,20)	RAB4C470J
R 3108 (A,249,24)	RAB4C470J
R 3111 (A,227,26)	RS1/16S220J
R 3112 (A,225,16)	RS1/16S470J
R 3113 (A,225,13)	RS1/16S3R3J
R 3114 (A,267,26)	RS1/16S103J
R 3131 (A,181,39)	RS1/16S473J
R 3132 (A,185,37)	RS1/10S123J
R 3133 (A,188,37)	RS1/16S102J
R 3134 (A,188,39)	RS1/16S222J
R 3135 (A,185,42)	RS1/16S102J
R 3141 (A,285,98)	RS1/16S331J
R 3142 (A,291,99)	RS1/16S331J
R 3151 (A,190,12)	RAB4C103J
R 3152 (A,178,29)	RAB4C222J
R 3191 (A,186,98)	RESISTOR (0.10HM,2W)
R 3192 (A,186,95)	ACN7112
R 3193 (A,185,87)	RS1/16S103J
R 3194 (A,188,92)	RS1/16S103J
R 3195 (A,183,87)	RS1/16S104J
R 3196 (A,188,88)	RS1/16S222J
R 3197 (A,189,84)	RS1/16S103J
R 3199 (A,186,88)	RS1/16S8R2J
R 3204 (A,270,31)	RS1/16S221J
R 3205 (A,265,32)	RS1/16S103J
R 3206 (A,261,34)	RS1/16S101J

Mark No.	Description	Part No.
R 3207 (A,261,33)		RS1/16S473J
R 3208 (A,261,36)		RS1/16S472J
⚠ R 3211 (A,275,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R 3212 (A,261,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R 3213 (A,273,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R 3214 (A,259,58)	RESISTOR (2.7 OHM)	ACN7148
R 3215 (A,278,62)	CHIP RESISTOR	RS1/8S1R5J
R 3216 (A,264,62)	CHIP RESISTOR	RS1/8S1R5J
R 3217 (A,269,62)	CHIP RESISTOR	RS1/8S1R5J
R 3218 (A,255,62)	CHIP RESISTOR	RS1/8S1R5J
R 3223 (A,278,37)		RS1/10S821J
R 3224 (A,255,37)		RS1/10S821J
R 3225 (A,280,37)		RS1/10S821J
R 3226 (A,253,37)		RS1/10S821J
⚠ R 3227 (A,286,84)		RS1/10S3R3J
⚠ R 3228 (A,270,84)		RS1/10S3R3J
R 3231 (A,250,98)		RS1/10S472J
R 3232 (A,250,101)		RS1/10S472J
R 3233 (A,251,94)		RS1/10S472J
R 3234 (A,250,109)		RS1/10S472J
⚠ R 3235 (A,252,97)		RS1/16S1R0J
⚠ R 3236 (A,256,97)		RS1/16S1R0J
⚠ R 3237 (A,252,94)		RS1/16S1R0J
⚠ R 3238 (A,250,106)		RS1/16S1R0J
⚠ R 3241 (A,276,56)		RS1/10S180J
⚠ R 3242 (A,262,56)		RS1/10S180J
⚠ R 3243 (A,272,56)		RS1/10S180J
⚠ R 3244 (A,258,56)		RS1/10S180J
R 3304 (A,241,31)		RS1/16S221J
R 3305 (A,235,32)		RS1/16S103J
R 3306 (A,231,34)		RS1/16S101J
R 3307 (A,231,33)		RS1/16S473J
R 3308 (A,231,36)		RS1/16S472J
⚠ R 3311 (A,245,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R 3312 (A,231,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R 3313 (A,243,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R 3314 (A,229,58)	RESISTOR (2.7 OHM)	ACN7148
R 3315 (A,248,62)	CHIP RESISTOR	RS1/8S1R5J
R 3316 (A,234,62)	CHIP RESISTOR	RS1/8S1R5J
R 3317 (A,239,62)	CHIP RESISTOR	RS1/8S1R5J
R 3318 (A,225,62)	CHIP RESISTOR	RS1/8S1R5J
R 3323 (A,248,37)		RS1/10S821J
R 3324 (A,225,37)		RS1/10S821J
R 3325 (A,250,37)		RS1/10S821J
R 3326 (A,223,37)		RS1/10S821J
⚠ R 3327 (A,253,84)		RS1/10S3R3J
⚠ R 3328 (A,237,84)		RS1/10S3R3J
R 3331 (A,223,92)		RS1/10S472J
R 3332 (A,237,92)		RS1/10S472J
R 3333 (A,227,92)		RS1/10S472J
R 3334 (A,213,92)		RS1/10S472J
⚠ R 3335 (A,220,92)		RS1/16S1R0J
⚠ R 3336 (A,240,92)		RS1/16S1R0J
⚠ R 3337 (A,230,92)		RS1/16S1R0J
⚠ R 3338 (A,210,92)		RS1/16S1R0J
⚠ R 3341 (A,246,56)		RS1/10S180J
⚠ R 3342 (A,232,56)		RS1/10S180J
⚠ R 3343 (A,242,56)		RS1/10S180J
⚠ R 3344 (A,228,56)		RS1/10S180J

5				6				7				8			
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
R	3404	(A,211,31)	RS1/16S221J					R	3910	(A,209,22)	RS1/16S183J				
R	3405	(A,205,32)	RS1/16S103J					R	3911	(A,209,14)	RS1/16S183J				
R	3406	(A,201,34)	RS1/16S101J					R	3912	(A,209,17)	RS1/16S183J				
R	3407	(A,201,33)	RS1/16S473J					R	3913	(A,220,15)	RS1/16S472J				
R	3408	(A,201,36)	RS1/16S472J					R	3914	(A,219,20)	RS1/16S472J				
△ R	3411	(A,215,58) RESISTOR (2.7 OHM)	ACN7148					R	3915	(A,219,15)	RS1/16S472J				
△ R	3412	(A,201,58) RESISTOR (2.7 OHM)	ACN7148					R	3916	(A,220,19)	RS1/16S472J				
△ R	3413	(A,213,58) RESISTOR (2.7 OHM)	ACN7148					△ R	3921	(A,202,16)	RS1/16S8R2J				
△ R	3414	(A,199,58) RESISTOR (2.7 OHM)	ACN7148					R	3923	(A,200,16)	RS1/16S103J				
R	3415	(A,218,62) CHIP RESISTOR	RS1/8S1R5J					R	3924	(A,200,13)	RS1/16S103J				
R	3416	(A,204,62) CHIP RESISTOR	RS1/8S1R5J					R	4006	(A,156,30)	RS1/16S103J				
R	3417	(A,209,62) CHIP RESISTOR	RS1/8S1R5J					R	4009	(A,95,85)	RS1/16S102J				
R	3418	(A,195,62) CHIP RESISTOR	RS1/8S1R5J					R	4010	(A,103,80)	RS1/16S102J				
R	3423	(A,218,37)	RS1/10S821J					R	4011	(A,91,68)	RS1/16S223J				
R	3424	(A,195,37)	RS1/10S821J					R	4012	(A,102,71)	RS1/16S223J				
R	3425	(A,220,37)	RS1/10S821J					R	4013	(A,91,69)	RS1/16S223J				
R	3426	(A,193,37)	RS1/10S821J					R	4014	(A,102,68)	RS1/16S223J				
△ R	3427	(A,220,84)	RS1/10S3R3J					R	4015	(A,88,78)	RS1/16S223J				
△ R	3428	(A,204,84)	RS1/10S3R3J					R	4016	(A,103,76)	RS1/16S223J				
R	3431	(A,199,98)	RS1/10S472J					R	4017	(A,90,78)	RS1/16S223J				
R	3432	(A,199,105)	RS1/10S472J					R	4018	(A,104,74)	RS1/16S223J				
R	3433	(A,199,102)	RS1/10S472J					R	4019	(A,101,62)	RS1/16S103J				
R	3434	(A,199,108)	RS1/10S472J					R	4020	(A,100,68)	RS1/16S103J				
△ R	3435	(A,197,99)	RS1/16S1R0J					R	4021	(A,95,83)	RS1/16S224J				
△ R	3436	(A,197,105)	RS1/16S1R0J					R	4022	(A,103,84)	RS1/16S224J				
△ R	3437	(A,197,102)	RS1/16S1R0J					R	4023	(A,91,85)	RS1/16S102J				
△ R	3438	(A,197,108)	RS1/16S1R0J					R	4024	(A,104,80)	RS1/16S102J				
△ R	3441	(A,216,56)	RS1/10S180J					R	4027	(A,91,74)	RS1/16S473J				
△ R	3442	(A,202,56)	RS1/10S180J					R	4028	(A,115,73)	RS1/16S224J				
△ R	3443	(A,212,56)	RS1/10S180J					R	4039	(A,92,93)	RS1/16S153J				
△ R	3444	(A,198,56)	RS1/10S180J					R	4040	(A,103,82)	RS1/16S153J				
R	3601	(A,312,85)	RAB4C472J					R	4048	(A,117,92)	RS1/16S182J				
R	3605	(A,304,85)	RS1/16S472J					R	4049	(A,125,92)	RAB4C101J				
R	3606	(A,304,105)	RS1/16S472J					R	4058	(A,111,92)	RS1/16S0R0J				
R	3607	(A,308,88)	RS1/16S472J					R	4059	(A,110,89)	RS1/16S0R0J				
R	3608	(A,308,102)	RS1/16S472J					R	4073	(A,114,92)	RS1/16S332J				
R	3609	(A,303,89)	RS1/16S103J					R	4081	(A,171,22)	RS1/16S105J				
R	3610	(A,303,101)	RS1/16S103J					R	4082	(A,173,23)	RS1/16S105J				
R	3611	(A,307,88)	RS1/16S103J					R	4083	(A,126,89)	RS1/16S0R0J				
R	3612	(A,307,102)	RS1/16S103J					R	4084	(A,138,85)	RS1/16S0R0J				
R	3613	(A,300,90)	RS1/16S473J					R	4085	(A,137,79)	RS1/16S0R0J				
R	3614	(A,300,100)	RS1/16S473J					R	4090	(A,123,71)	RS1/16S0R0J				
R	3615	(A,299,90)	RS1/16S102J					R	4609	(A,125,100)	RS1/16S221J				
R	3616	(A,299,100)	RS1/16S102J					R	4902	(A,107,95)	RS1/16S104J				
R	3617	(A,299,93)	RS1/16S472J					R	4903	(A,96,104)	RS1/16S392J				
R	3618	(A,299,97)	RS1/16S472J					R	4905	(A,95,96)	RS1/16S101J				
R	3619	(A,286,92)	RS1/16S221J					R	4906	(A,95,99)	RS1/16S333J				
R	3620	(A,286,95)	RS1/16S221J					R	4907	(A,104,95)	RS1/16S333J				
△ R	3621	(A,315,90)	RS1/16S8R2J					R	4908	(A,94,101)	RS1/16S472J				
R	3623	(A,313,90)	RS1/16S222J					R	4910	(A,111,96)	RS1/16S682J				
R	3629	(A,297,90)	RS1/16S821J					R	4911	(A,107,92)	RS1/16S101J				
R	3630	(A,297,100)	RS1/16S821J					R	4913	(A,115,96)	RS1/16S104J				
R	3631	(A,292,92)	RS1/16S472J					R	4914	(A,107,96)	RS1/16S472J				
R	3632	(A,292,95)	RS1/16S472J					R	4915	(A,103,77)	RS1/16S473J				
R	3901	(A,216,17)	RAB4C472J					R	4951	(A,159,17)	RS1/16S473J				
R	3905	(A,213,12)	RS1/16S562J					R	4952	(A,153,16)	RS1/16S473J				
R	3906	(A,213,23)	RS1/16S562J					R	4955	(A,62,16)	RS1/16S182J				
R	3907	(A,213,13)	RS1/16S562J					R	5501	(A,85,25)	RAB4C221J				
R	3908	(A,213,21)	RS1/16S562J					R	5505	(A,86,28)	RS1/16S221J				
R	3909	(A,209,11)	RS1/16S183J												

	Mark No.	Description	Part No.	Mark No.	Description	Part No.
A	R 5506 (A,86,29)		RS1/16S221J	C 782 (A,136,49)		CKSQYB225K10
	R 5507 (A,86,31)		RS1/16S221J	C 1205 (A,24,14)		CKSRYB104K16
	R 5508 (A,86,32)		RS1/16S222J	C 1207 (A,77,13)		CKSRYB102K50
	R 5509 (A,90,29)		RS1/16S0R0J	C 1208 (A,83,17)		CCSRCH471J50
	R 5510 (A,98,41)		RS1/16S473J	C 1209 (A,113,21)		CKSRYB104K16
■	R 5515 (A,90,25)		RS1/16S473J	C 1210 (A,116,16)		CKSRYB104K16
	R 5516 (A,90,24)		RS1/16S473J	C 1211 (A,113,14)		CKSRYB104K16
	R 5517 (A,105,49)		RAB4C221J	C 1301 (A,18,33)		CKSRYB105K6R3
	R 5518 (A,98,50)		RS1/16S105J	C 1501 (A,90,44)		CKSRYB103K50
	R 5519 (A,106,29)		RS1/16S103J	C 1502 (A,97,44)		CKSRYB104K16
B	R 5520 (A,103,29)		RS1/16S103J	C 1505 (A,87,46)		CEAT101M10
	R 5521 (A,108,41)		RS1/16S221J	C 3101 (A,229,14)		CKSRYB224K16
	R 5522 (A,109,49)		RAB4C221J	C 3102 (A,228,12)		CKSRYB103K50
	R 5527 (A,83,55)		RAB4C221J	C 3103 (A,228,8)		CKSRYB104K16
	R 5528 (A,136,57)		RS1/16S472J	C 3104 (A,232,8)		CKSRYB104K16
■	R 5531 (A,64,19)		RS1/16S223J	C 3105 (A,231,12)		CKSRYB103K50
	R 5537 (A,71,60)		RS1/16S221J	C 3106 (A,234,10)		CKSRYB104K16
	R 5538 (A,69,59)		RS1/16S221J	C 3107 (A,236,10)		CKSRYB104K16
	R 5541 (A,68,67)		RAB4C221J	C 3108 (A,249,9)		CEVW100M10
	R 5542 (A,64,58)		RAB4C221J	C 3109 (A,237,10)		CKSRYB102K50
C	R 5546 (A,72,74)		RS1/16S103J	C 3110 (A,244,14)		CKSRYB104K16
	R 5547 (A,70,73)		RS1/16S103J	C 3111 (A,257,9)		CEVW100M10
	R 5548 (A,49,55)		RAB4C221J	C 3112 (A,245,15)		CKSRYB104K16
	R 5557 (A,49,48)		RAB4C221J	C 3113 (A,247,15)		CCSRCH180J50
	R 5558 (A,34,47)		RS1/16S473J	C 3114 (A,248,15)		CCSRCH150J50
■	R 5559 (A,26,46)		RS1/16S473J	C 3115 (A,245,26)		CKSRYB474K10
	R 5562 (A,49,45)		RS1/16S221J	C 3116 (A,246,26)		CKSRYB104K16
	R 5564 (A,49,44)		RS1/16S221J	C 3117 (A,255,25)		CEVW100M10
	R 5565 (A,49,42)		RS1/16S221J	C 3118 (A,231,28)		CKSRYB104K16
	R 5566 (A,49,40)		RAB4C221J	C 3119 (A,227,23)		CKSRYB104K16
D	R 5569 (A,91,52)		RS1/16S221J	C 3120 (A,224,25)		CEVW100M10
	R 5570 (A,49,36)		RAB4C221J	C 3141 (A,285,99)		CCSRCH221J50
	R 5574 (A,67,19)		RS1/16S104J	C 3142 (A,288,99)		CCSRCH221J50
	R 5577 (A,50,29)		RAB4C221J	C 3151 (A,175,46)		CKSRYB104K16
	R 5581 (A,53,25)		RS1/16S221J	C 3192 (A,186,92)		CKSRYB104K25
■	R 5582 (A,60,23)		RS1/16S221J	C 3201 (A,276,38)		CKSQYB105K16
	R 5583 (A,61,23)		RS1/16S103J	C 3202 (A,258,38)		CKSQYB105K16
	R 5584 (A,63,23)		RS1/16S221J	C 3203 (A,267,33)		CKSRYB104K16
	R 5590 (A,71,19)		RAB4C221J	C 3204 (A,261,37)		CKSRYB104K16
	R 5597 (A,70,16)		RS1/16S153J	C 3211 (A,279,57)		CKSQYB104K50
E	R 5598 (A,79,21)		RAB4C221J	C 3212 (A,265,57)		CKSQYB104K50
	R 5712 (A,27,66)		RS1/16S123J	C 3213 (A,269,57)		CKSQYB104K50
	R 5713 (A,27,71)		RS1/16S123J	C 3214 (A,255,57)		CKSQYB104K50
	R 5931 (A,78,105)		RS1/16S182J	C 3215 (A,275,63)		CKSRYB333K50
	R 5933 (A,70,98)		RS1/16S104J	C 3216 (A,261,63)		CKSRYB333K50
■	R 5934 (A,69,95)		RS1/16S102J	C 3217 (A,273,63)		CKSRYB333K50
	R 5935 (A,71,95)		RS1/16S103J	C 3218 (A,259,63)		CKSRYB333K50
	R 5936 (A,82,105)		RS1/16S182J	C 3221 (A,278,89)	ELECT. CAPACITOR	CEAT102M25
	R 5937 (A,87,102)		RS1/16S473J	C 3223 (A,284,84)		CKSRYB103K50
	R 5938 (A,82,100)		RS1/16S272J	C 3224 (A,267,84)		CKSRYB103K50
F	R 5939 (A,82,99)		RS1/16S332J	C 3225 (A,273,84)		CKSRYB102K50
	R 5940 (A,74,101)		RS1/16S101J	C 3226 (A,256,84)		CKSRYB102K50
	R 5942 (A,74,97)		RS1/16S104J	C 3227 (A,276,47)		CKSRYB104K25
	R 9000 (A,42,30)		RS1/16S0R0J	C 3228 (A,257,47)		CKSRYB104K25
				C 3231 (A,276,83)		CFTLA474J50
CAPACITORS				C 3232 (A,259,83)		CFTLA474J50
F	C 427 (A,56,92)	ELECT. CAPACITOR	CEAT102M6R3	C 3233 (A,238,100)		CKSRYB104K25
	C 771 (A,121,34)		CKSQYB105K16	C 3234 (A,240,106)		CKSRYB104K25
	C 773 (A,121,37)		CKSRYB104K16	C 3235 (A,240,100)		CKSRYB104K25
	C 781 (A,127,42)		CEAT100M50			

5				6				7				8			
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
C	3236	(A,243,106)	CKSRYB104K25	C	3427	(A,216,47)	CKSRYB104K25	C	3427	(A,216,47)	CKSRYB104K25				
C	3237	(A,255,97)	CKSRYB103K50	C	3428	(A,197,47)	CKSRYB104K25	C	3428	(A,197,47)	CKSRYB104K25				
				C	3431	(A,210,83)	CFTLA474J50	C	3431	(A,210,83)	CFTLA474J50				
C	3238	(A,258,97)	CKSRYB103K50					C	3432	(A,193,83)	CFTLA474J50				
C	3239	(A,255,94)	CKSRYB103K50					C	3433	(A,208,100)	CKSRYB104K25				
C	3240	(A,250,104)	CKSRYB103K50					C	3434	(A,214,105)	CKSRYB104K25				
C	3241	(A,277,54)	CKSRYB331K50					C	3435	(A,210,100)	CKSRYB104K25				
C	3242	(A,263,54)	CKSRYB331K50					C	3436	(A,211,105)	CKSRYB104K25				
C	3243	(A,271,54)	CKSRYB331K50												
C	3244	(A,257,54)	CKSRYB331K50					C	3437	(A,195,99)	CKSRYB103K50				
C	3301	(A,246,38)	CKSQYB105K16					C	3438	(A,195,105)	CKSRYB103K50				
C	3302	(A,228,38)	CKSQYB105K16					C	3439	(A,195,102)	CKSRYB103K50				
C	3303	(A,237,33)	CKSRYB104K16					C	3440	(A,195,108)	CKSRYB103K50				
								C	3441	(A,217,54)	CKSRYB331K50				
C	3304	(A,231,37)	CKSRYB104K16												
C	3311	(A,249,57)	CKSQYB104K50					C	3442	(A,203,54)	CKSRYB331K50				
C	3312	(A,235,57)	CKSQYB104K50					C	3443	(A,211,54)	CKSRYB331K50				
C	3313	(A,239,57)	CKSQYB104K50					C	3444	(A,197,54)	CKSRYB331K50				
C	3314	(A,225,57)	CKSQYB104K50					C	3601	(A,305,85)	CCSRCH821J50				
								C	3602	(A,305,105)	CCSRCH821J50				
C	3315	(A,245,63)	CKSRYB333K50												
C	3316	(A,231,63)	CKSRYB333K50					C	3603	(A,308,85)	CCSRCH821J50				
C	3317	(A,243,63)	CKSRYB333K50					C	3604	(A,308,105)	CCSRCH821J50				
C	3318	(A,229,63)	CKSRYB333K50					C	3605	(A,303,87)	CCSRCH331J50				
C	3321	(A,262,89) ELECT. CAPACITOR	CEAT102M25					C	3606	(A,303,102)	CCSRCH331J50				
								C	3607	(A,307,85)	CCSRCH331J50				
C	3323	(A,251,84)	CKSRYB103K50												
C	3324	(A,234,84)	CKSRYB103K50					C	3608	(A,307,105)	CCSRCH331J50				
C	3325	(A,240,84)	CKSRYB102K50					C	3609	(A,299,85)	CEVW100M16				
C	3326	(A,223,84)	CKSRYB102K50					C	3610	(A,300,106)	CEVW100M16				
C	3327	(A,246,47)	CKSRYB104K25					C	3611	(A,296,90)	CCSRCH821J50				
								C	3612	(A,296,100)	CCSRCH821J50				
C	3328	(A,227,47)	CKSRYB104K25												
C	3331	(A,243,83)	CFTLA474J50					C	3621	(A,312,102)	CEVW100M25				
C	3332	(A,226,83)	CFTLA474J50					C	3622	(A,313,95)	CEVW100M16				
C	3333	(A,222,100)	CKSRYB104K25					C	3623	(A,310,97)	CKSRYB104K25				
C	3334	(A,229,105)	CKSRYB104K25					C	3624	(A,310,94)	CKSRYB104K16				
								C	3901	(A,212,15)	CCSRCH681J50				
C	3335	(A,225,100)	CKSRYB104K25												
C	3336	(A,226,105)	CKSRYB104K25					C	3902	(A,212,19)	CCSRCH681J50				
C	3337	(A,217,92)	CKSRYB103K50					C	3903	(A,214,15)	CCSRCH681J50				
C	3338	(A,243,92)	CKSRYB103K50					C	3904	(A,214,19)	CCSRCH681J50				
C	3339	(A,233,92)	CKSRYB103K50					C	3905	(A,211,12)	CCSRCH181J50				
								C	3906	(A,211,22)	CCSRCH181J50				
C	3340	(A,207,92)	CKSRYB103K50												
C	3341	(A,247,54)	CKSRYB331K50					C	3907	(A,211,15)	CCSRCH561J50				
C	3342	(A,233,54)	CKSRYB331K50					C	3908	(A,211,19)	CCSRCH561J50				
C	3343	(A,241,54)	CKSRYB331K50					C	3921	(A,215,8)	CEVW100M25				
C	3344	(A,227,54)	CKSRYB331K50					C	3922	(A,223,8)	CEVW100M16				
								C	3923	(A,202,20)	CKSRYB104K25				
C	3401	(A,216,38)	CKSQYB105K16												
C	3402	(A,198,38)	CKSQYB105K16					C	3924	(A,202,13)	CKSRYB104K16				
C	3403	(A,207,33)	CKSRYB104K16					C	4001	(A,97,69)	CKSRYB103K50				
C	3404	(A,201,37)	CKSRYB104K16					C	4011	(A,95,65)	CEAT100M50				
C	3411	(A,219,57)	CKSQYB104K50					C	4012	(A,112,64)	CEAT100M50				
								C	4015	(A,87,72)	CEAT100M50				
C	3412	(A,205,57)	CKSQYB104K50												
C	3413	(A,209,57)	CKSQYB104K50					C	4016	(A,105,71)	CEAT100M50				
C	3414	(A,195,57)	CKSQYB104K50					C	4019	(A,105,64)	CEAT100M50				
C	3415	(A,215,63)	CKSRYB333K50					C	4020	(A,118,62)	CEAT100M50				
C	3416	(A,201,63)	CKSRYB333K50					C	4021	(A,97,93)	CKSRYB104K16				
								C	4022	(A,101,93)	CKSRYB104K16				
C	3417	(A,213,63)	CKSRYB333K50												
C	3418	(A,199,63)	CKSRYB333K50					C	4023	(A,96,89) ELECT. CAPACITOR	CEAT470M35				
C	3421	(A,196,89) ELECT. CAPACITOR	CEAT102M25					C	4024	(A,125,59) ELECT. CAPACITOR	CEAT470M35				
C	3423	(A,218,84)	CKSRYB103K50					C	4025	(A,90,89)	CEAT100M50				
C	3424	(A,201,84)	CKSRYB103K50					C	4026	(A,102,89)	CEAT100M50				
								C	4027	(A,116,71)	CKSRYB104K16				
C	3425	(A,207,84)	CKSRYB102K50												
C	3426	(A,190,82)	CKSRYB102K50					C	4028	(A,111,73)	CKSRYB104K16				

Mark No. Description**Part No.****Mark No. Description****Part No.**

C 4029 (A,109,69)
C 4041 (A,119,78)
C 4042 (A,114,78)
C 4043 (A,108,78)

CKSQYB225K10
CEAT100M50
CKSRYB104K16
CEAT2R2M50

C 5931 (A,74,105)
C 5932 (A,74,104)
C 5936 (A,82,107)

CCSRCH221J50
CCSRCH221J50
CCSRCH221J50

C 4044 (A,112,78)
C 4045 (A,121,84)
C 4046 (A,124,87)
C 4048 (A,115,92)
C 4613 (A,135,101)

CKSRYB104K16
CEAT100M50
CKSRYB104K16
CKSRYB103K50
CKSRYB104K16

B SYSMAIN ASSY (XV-DV385K)**MISCELLANEOUS**

⚠ IC 771 (A,121,39) LOAD SWITCHING AAT4618IGV-0.5-1
⚠ IC 781 (A,134,40) REGULATOR IC NJM2845DL1-05
IC 3101 (A,237,20) 8CH PWM PROCESSOR IC TAS5508BPAG
IC 3191 (A,182,94) OP-AMP IC BA10358F
⚠ IC 3201 (A,267,44) DIGITAL AMP IC TAS5122DCA

C 4614 (A,133,105)
C 4615 (A,132,100)
C 4901 (A,91,106)
C 4902 (A,107,93)
C 4903 (A,95,98)

CEAT101M16
CKSRYB104K16
CKSRYB104K16
CCSRCH101J50
CCSRCH330J50

⚠ IC 3301 (A,237,44) DIGITAL AMP IC TAS5122DCA
⚠ IC 3401 (A,207,44) DIGITAL AMP IC TAS5122DCA
IC 3601 (A,306,95) DUAL OP-AMP NJM4565MD
IC 3901 (A,206,16) DUAL OP-AMP NJM4565MD
IC 4001 (A,96,75) IC TC4052BFN

C 4904 (A,104,96)
C 4905 (A,115,94)
C 4906 (A,93,104)
C 4907 (A,94,108) ELECT. CAPACITOR
C 4908 (A,100,96)

CCSRCH330J50
CCSRCH471J50
CKSQYB105K16
CEAT470M35
CKSQYB105K16

IC 4003 (A,114,85) AD CONVERTER IC AK5358AET
IC 4004 (A,125,68) IC TC7WU04FU
IC 4005 (A,131,84) IC TC74VHC157FTS1
IC 4961 (A,48,18) AD CONVERTER IC AK5358AET
IC 5501 (A,68,40) SYSTEM CONTROL MICON PDC176A

C 4909 (A,86,108)
C 4910 (A,111,94)
C 4911 (A,104,108)
C 4951 (A,158,21)
C 4952 (A,149,21)

CEAT100M50
CKSQYB105K16
CEAT100M50
CEAT101M16
CEAT101M16

IC 5502 (A,30,46) EEPROM S-93C46BD0I-J8T1
IC 5701 (A,50,67) RDS DECODER IC LC72725KM
Q 491 (A,76,79) TRANSISTOR RT1N241M
Q 1301 (A,128,16) TRANSISTOR(SC-70) 2SA1602A
Q 1302 (A,24,35) TRANSISTOR 2SA1577

C 5502 (A,94,46)
C 5504 (A,88,24)
C 5508 (A,88,29)
C 5509 (A,83,35)
C 5517 (A,82,42)

CEAT101M10
CKSRYB103K50
CKSRYB103K50
CKSRYB104K16
CKSRYB103K50

Q 1303 (A,133,18) TRANSISTOR 2SC4154
Q 1304 (A,19,31) TRANSISTOR 2SC4154
Q 1402 (A,132,25) TRANSISTOR(SC-70) 2SA1602A
Q 1413 (A,130,29) TRANSISTOR RT1N241M
Q 3131 (A,181,35) TRANSISTOR 2SA1036K

C 5518 (A,82,44)
C 5519 (A,103,32)
C 5521 (A,106,45)
C 5522 (A,106,41)
C 5524 (A,101,44)

CKSRYB104K16
CKSRYB103K50
CKSRYB104K16
CKSRYB103K50
CEAT100M50

Q 3132 (A,189,34) DIGITAL TR(SC-70) RT1N431M
Q 3601 (A,296,95) TRANSISTOR IMX9
Q 3602 (A,300,79) DIGITAL TR(SC-70) RT1P241M
Q 3603 (A,289,93) TRANSISTOR IMX9
Q 3604 (A,269,27) DIGITAL TR(SC-70) RT1P241M

C 5539 (A,69,57)
C 5555 (A,54,48)
C 5557 (A,33,42)
C 5558 (A,35,47)
C 5577 (A,53,30)

CKSRYB104K16
CKSRYB104K16
CKSRYB104K16
CCSRCH470J50
CKSRYB103K50

Q 4005 (A,99,83) CHIP TRANSISTOR HN1A01FU
Q 4006 (A,151,31) TRANSISTOR RT1N241M
Q 4951 (A,65,15) TRANSISTOR RT1N241M
Q 5525 (A,103,40) DIGITAL TR(SC-70) RT1N431M
Q 5703 (A,41,68) CHIP TRANSISTOR HN1C01FU

C 5578 (A,53,28)
C 5579 (A,66,19)
C 5589 (A,67,23)
C 5601 (A,135,11)
C 5602 (A,86,16)

CKSRYB103K50
CKSRYB102K50
CKSRYB104K16
CKSRYB102K50
CKSRYB102K50

Q 5931 (A,86,99) TRANSISTOR RT1N241M
Q 5932 (A,78,98) TRANSISTOR RT3N22M
Q 5934 (A,82,103) TRANSISTOR(SC-70) 2SA1602A
Q 5935 (A,74,94) TRANSISTOR(SC-70) 2SA1602A
Q 5936 (A,78,103) DIGITAL TR(SC-70) RT1P241M

C 5603 (A,135,8)
C 5604 (A,97,17)
C 5605 (A,98,17)
C 5606 (A,78,17)
C 5701 (A,30,56)

CKSRYB102K50
CKSRYB104K16
CKSRYB104K16
CKSRYB102K50
CCSRCH101J50

D 1403 (A,127,13) DIODE MC2846-11
D 1415 (A,134,30) DIODE UDZS4R7(B)
D 3101 (A,264,26) DIODE MC2846-11
D 3131 (A,184,39) DIODE UDZS18(B)
D 3133 (A,181,42) DIODE 1SS352

C 5703 (A,38,56)
C 5707 (A,38,64)
C 5708 (A,42,62) ELECT. CAPACITOR
C 5712 (A,56,71)
C 5713 (A,45,71)

CCSRCH101J50
CKSRYB102K50
CEAT470M35
CCSRCH270J50
CKSRYB472K50

D 3134 (A,183,42) DIODE UDZS15(B)
D 3191 (A,198,26) DIODE UDZS4R7(B)
D 3603 (A,313,81) DIODE UDZS12(B)
D 4961 (A,50,12) DIODE UDZS3R9(B)
D 4962 (A,50,14) DIODE UDZS3R9(B)

C 5714 (A,56,68)
C 5715 (A,55,65)
C 5716 (A,45,63)
C 5719 (A,52,77)
C 5720 (A,58,61) ELECT. CAPACITOR

CCSRCH270J50
CKSRYB103K50
CCSRCH561J50
CEAT100M50
CEAT470M35

D 5931 (A,78,107) DIODE 1SS352
D 5933 (A,66,98) DIODE 1SS352

5				6				7				8			
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
D	5936 (A,74,99)	DIODE	1SS352	R	3107 (A,249,20)		RAB4C470J								
L	772 (A,124,45)	CHIP SOLID INDUCTOR	ATL7002	R	3108 (A,249,24)		RAB4C470J								
L	1501 (A,93,33)	AXIAL INDUCTOR	LAU220J	R	3111 (A,227,26)		RS1/16S220J								
				R	3112 (A,225,16)		RS1/16S470J								
L	3201 (A,284,68)	INDUCTORS	ATH7019	R	3113 (A,225,13)		RS1/16S3R3J								
L	3202 (A,267,68)	INDUCTORS	ATH7019												
L	3301 (A,251,68)	INDUCTORS	ATH7019	R	3114 (A,267,26)		RS1/16S103J								
L	3302 (A,234,68)	INDUCTORS	ATH7019	R	3131 (A,181,39)		RS1/16S473J								
L	3401 (A,218,68)	INDUCTORS	ATH7019	R	3132 (A,185,37)		RS1/10S123J								
				R	3133 (A,188,37)		RS1/16S102J								
L	3402 (A,201,68)	INDUCTORS	ATH7019	R	3134 (A,188,39)		RS1/16S222J								
L	4951 (A,156,17)	INDUCTOR	CTF1346												
L	4952 (A,151,17)	INDUCTOR	CTF1346	R	3135 (A,185,42)		RS1/16S102J								
L	5931 (A,74,107)	CHIP SOLID INDUCTOR	QTL1013	R	3141 (A,285,98)		RS1/16S331J								
L	5932 (A,74,102)	CHIP SOLID INDUCTOR	QTL1013	R	3142 (A,291,99)		RS1/16S331J								
				R	3151 (A,190,12)		RAB4C103J								
L	5933 (A,62,103)	CHIP SOLID INDUCTOR	QTL1013	R	3152 (A,178,29)		RAB4C222J								
L	5934 (A,62,98)	CHIP SOLID INDUCTOR	QTL1013												
JA	403 (A,52,114)	JACK	XKB3069	R	3191 (A,186,98)	RESISTOR (0.1OHM,2W)	ACN7112								
JA	5931 (A,67,112)	MINI JACK(4P) /W SW	XKN3015	R	3192 (A,186,95)		RS1/16S103J								
X	3101 (A,254,16)	CRYSTAL RESONATOR (13.5 MHz)	ASS7062	R	3193 (A,185,87)		RS1/16S103J								
				R	3194 (A,188,92)		RS1/16S104J								
				R	3195 (A,183,87)		RS1/16S104J								
X	4004 (A,133,65)	CRYSTAL RESONATOR (12.288 MHz)	VSS1140												
X	5501 (A,86,41)	CERAMIC RESONATOR (10 MHz)	ASS7034	R	3196 (A,188,88)		RS1/16S222J								
				R	3197 (A,189,84)		RS1/16S103J								
X	5701 (A,61,73)	CRYSTAL RESONATOR (4.332 MHz)	ASS7004	⚠ R	3199 (A,186,88)		RS1/16S8R2J								
				R	3204 (A,270,31)		RS1/16S221J								
CN	451 (A,54,83)	CONNECTOR	9604S-23C	R	3205 (A,265,32)		RS1/16S103J								
CN	1001 (A,107,8)	CONNECTOR ASS'Y	PG13KA-F07												
				R	3206 (A,261,34)		RS1/16S101J								
CN	3111 (A,279,114)	PIN JACK(4P)	AKB7114	R	3207 (A,261,33)		RS1/16S473J								
CN	3201 (A,176,61)	2P CONNECTOR	B2P-VH	R	3208 (A,261,36)		RS1/16S472J								
CN	3211 (A,225,114)	6CH SPEAKER JACK(V0)	AKE7121	⚠ R	3211 (A,275,58)	RESISTOR (2.7 OHM)	ACN7148								
CN	5501 (A,100,30)	CONNECTOR	9604S-07C	⚠ R	3212 (A,261,58)	RESISTOR (2.7 OHM)	ACN7148								
CN	5603 (A,36,12)	27P CONNECTOR	VKN1258												
				⚠ R	3213 (A,273,58)	RESISTOR (2.7 OHM)	ACN7148								
CN	5605 (A,17,62)	13P CONNECTOR	VKN1244	⚠ R	3214 (A,259,58)	RESISTOR (2.7 OHM)	ACN7148								
CN	5701 (A,36,61)	CONNECTOR	9604S-11C	R	3215 (A,278,62)	CHIP RESISTOR	RS1/8S1R5J								
CN	9000 (A,23,78)	17P CONNECTOR	VKN1248	R	3216 (A,264,62)	CHIP RESISTOR	RS1/8S1R5J								
CN	9001 (A,98,11)	CONNECTOR	9604S-29C	R	3217 (A,269,62)	CHIP RESISTOR	RS1/8S1R5J								
	102 (A,44,8)	PCB BINDER	VEF1040												
				R	3218 (A,255,62)	CHIP RESISTOR	RS1/8S1R5J								
				R	3223 (A,278,37)		RS1/10S821J								
				R	3224 (A,255,37)		RS1/10S821J								
				R	3225 (A,280,37)		RS1/10S821J								
				R	3226 (A,253,37)		RS1/10S821J								
RESISTORS															
R	421 (A,51,99)		RS1/10S75R0F												
R	491 (A,75,75)		RS1/16S103J	⚠ R	3227 (A,286,84)		RS1/10S3R3J								
R	771 (A,124,47)		RS1/16S221J	⚠ R	3228 (A,270,84)		RS1/10S3R3J								
R	772 (A,128,46)		RS1/16S104J	R	3231 (A,250,98)		RS1/10S472J								
R	1301 (A,132,15)		RS1/16S473J	R	3232 (A,250,101)		RS1/10S472J								
				R	3233 (A,251,94)		RS1/10S472J								
R	1302 (A,129,18)		RS1/16S392J												
R	1303 (A,23,33)		RS1/16S473J	R	3234 (A,250,109)		RS1/10S472J								
R	1304 (A,23,31)		RS1/10S561J	⚠ R	3235 (A,252,97)		RS1/16S1R0J								
R	1306 (A,18,35)		RS1/16S103J	⚠ R	3236 (A,256,97)		RS1/16S1R0J								
R	1307 (A,129,20)		RS1/16S472J	⚠ R	3237 (A,252,94)		RS1/16S1R0J								
				⚠ R	3238 (A,250,106)		RS1/16S1R0J								
R	1401 (A,129,21)		RS1/16S392J												
R	1402 (A,134,21)		RS1/16S332J	⚠ R	3241 (A,276,56)		RS1/10S180J								
R	1403 (A,132,23)		RS1/16S473J	⚠ R	3242 (A,262,56)		RS1/10S180J								
R	1404 (A,135,26)		RS1/16S393J	⚠ R	3243 (A,272,56)		RS1/10S180J								
R	1415 (A,129,24)		RS1/16S182J	⚠ R	3244 (A,258,56)		RS1/10S180J								
				R	3304 (A,241,31)		RS1/16S221J								
R	3101 (A,226,12)		RS1/16S221J												
R	3102 (A,229,12)		RS1/16S221J	R	3305 (A,235,32)		RS1/16S103J								
R	3103 (A,263,10)		RS1/16S4R7J	R	3306 (A,231,34)		RS1/16S101J								
R	3104 (A,243,11)		RAB4C221J	R	3307 (A,231,33)		RS1/16S473J								
R	3106 (A,248,17)		RS1/16S105J	R	3308 (A,231,36)		RS1/16S472J								
				⚠ R	3311 (A,245,58)	RESISTOR (2.7 OHM)	ACN7148								

	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	⚠ R	3312 (A,231,58)	RESISTOR (2.7 OHM)	ACN7148	R	3607 (A,308,88)		RS1/16S472J
	⚠ R	3313 (A,243,58)	RESISTOR (2.7 OHM)	ACN7148	R	3608 (A,308,102)		RS1/16S472J
	⚠ R	3314 (A,229,58)	RESISTOR (2.7 OHM)	ACN7148	R	3609 (A,303,89)		RS1/16S103J
	R	3315 (A,248,62)	CHIP RESISTOR	RS1/8S1R5J	R	3610 (A,303,101)		RS1/16S103J
	R	3316 (A,234,62)	CHIP RESISTOR	RS1/8S1R5J	R	3611 (A,307,88)		RS1/16S103J
					R	3612 (A,307,102)		RS1/16S103J
B	R	3317 (A,239,62)	CHIP RESISTOR	RS1/8S1R5J	R	3613 (A,300,90)		RS1/16S473J
	R	3318 (A,225,62)	CHIP RESISTOR	RS1/8S1R5J	R	3614 (A,300,100)		RS1/16S473J
	R	3323 (A,248,37)		RS1/10S821J	R	3615 (A,299,90)		RS1/16S102J
	R	3324 (A,225,37)		RS1/10S821J	R	3616 (A,299,100)		RS1/16S102J
	R	3325 (A,250,37)		RS1/10S821J	R	3617 (A,299,93)		RS1/16S472J
	R	3326 (A,223,37)		RS1/10S821J	R	3618 (A,299,97)		RS1/16S472J
C	⚠ R	3327 (A,253,84)		RS1/10S3R3J	R	3619 (A,286,92)		RS1/16S221J
	⚠ R	3328 (A,237,84)		RS1/10S3R3J	R	3620 (A,286,95)		RS1/16S221J
	R	3331 (A,223,92)		RS1/10S472J	⚠ R	3621 (A,315,90)		RS1/16S8R2J
	R	3332 (A,237,92)		RS1/10S472J	R	3623 (A,313,90)		RS1/16S222J
	R	3333 (A,227,92)		RS1/10S472J	R	3629 (A,297,90)		RS1/16S821J
	R	3334 (A,213,92)		RS1/10S472J	R	3630 (A,297,100)		RS1/16S821J
D	⚠ R	3335 (A,220,92)		RS1/16S1R0J	R	3631 (A,292,92)		RS1/16S472J
	⚠ R	3336 (A,240,92)		RS1/16S1R0J	R	3632 (A,292,95)		RS1/16S472J
	⚠ R	3337 (A,230,92)		RS1/16S1R0J	R	3901 (A,216,17)		RAB4C472J
	⚠ R	3338 (A,210,92)		RS1/16S1R0J	R	3905 (A,213,12)		RS1/16S562J
	⚠ R	3341 (A,246,56)		RS1/10S180J	R	3906 (A,213,23)		RS1/16S562J
	⚠ R	3342 (A,232,56)		RS1/10S180J	R	3907 (A,213,13)		RS1/16S562J
E	⚠ R	3343 (A,242,56)		RS1/10S180J	R	3908 (A,213,21)		RS1/16S562J
	⚠ R	3344 (A,228,56)		RS1/10S180J	R	3909 (A,209,11)		RS1/16S183J
	R	3404 (A,211,31)		RS1/16S221J	R	3910 (A,209,22)		RS1/16S183J
	R	3405 (A,205,32)		RS1/16S103J	R	3911 (A,209,14)		RS1/16S183J
	R	3406 (A,201,34)		RS1/16S101J	R	3912 (A,209,17)		RS1/16S183J
	R	3407 (A,201,33)		RS1/16S473J	R	3913 (A,220,15)		RS1/16S472J
F	R	3408 (A,201,36)		RS1/16S472J	R	3914 (A,219,20)		RS1/16S472J
	⚠ R	3411 (A,215,58)	RESISTOR (2.7 OHM)	ACN7148	R	3915 (A,219,15)		RS1/16S472J
	⚠ R	3412 (A,201,58)	RESISTOR (2.7 OHM)	ACN7148	R	3916 (A,220,19)		RS1/16S472J
	⚠ R	3413 (A,213,58)	RESISTOR (2.7 OHM)	ACN7148	⚠ R	3921 (A,202,16)		RS1/16S8R2J
	⚠ R	3414 (A,199,58)	RESISTOR (2.7 OHM)	ACN7148	R	3923 (A,200,16)		RS1/16S103J
	R	3415 (A,218,62)	CHIP RESISTOR	RS1/8S1R5J	R	3924 (A,200,13)		RS1/16S103J
G	R	3416 (A,204,62)	CHIP RESISTOR	RS1/8S1R5J	R	4006 (A,156,30)		RS1/16S103J
	R	3417 (A,209,62)	CHIP RESISTOR	RS1/8S1R5J	R	4009 (A,95,85)		RS1/16S102J
	R	3418 (A,195,62)	CHIP RESISTOR	RS1/8S1R5J	R	4010 (A,103,80)		RS1/16S102J
	R	3423 (A,218,37)		RS1/10S821J	R	4011 (A,91,68)		RS1/16S223J
	R	3424 (A,195,37)		RS1/10S821J	R	4012 (A,102,71)		RS1/16S223J
	R	3425 (A,220,37)		RS1/10S821J	R	4013 (A,91,69)		RS1/16S223J
H	R	3426 (A,193,37)		RS1/10S821J	R	4014 (A,102,68)		RS1/16S223J
	⚠ R	3427 (A,220,84)		RS1/10S3R3J	R	4015 (A,88,78)		RS1/16S223J
	⚠ R	3428 (A,204,84)		RS1/10S3R3J	R	4016 (A,103,76)		RS1/16S223J
	R	3431 (A,199,98)		RS1/10S472J	R	4017 (A,90,78)		RS1/16S223J
	R	3432 (A,199,105)		RS1/10S472J	R	4018 (A,104,74)		RS1/16S223J
	R	3433 (A,199,102)		RS1/10S472J	R	4019 (A,101,62)		RS1/16S272J
I	R	3434 (A,199,108)		RS1/10S472J	R	4020 (A,100,68)		RS1/16S272J
	⚠ R	3435 (A,197,99)		RS1/16S1R0J	R	4021 (A,95,83)		RS1/16S224J
	⚠ R	3436 (A,197,105)		RS1/16S1R0J	R	4022 (A,103,84)		RS1/16S224J
	⚠ R	3437 (A,197,102)		RS1/16S1R0J	R	4023 (A,91,85)		RS1/16S102J
	⚠ R	3438 (A,197,108)		RS1/16S1R0J	R	4024 (A,104,80)		RS1/16S102J
	⚠ R	3441 (A,216,56)		RS1/10S180J	R	4025 (A,116,67)		RS1/16S102J
J	⚠ R	3442 (A,202,56)		RS1/10S180J	R	4026 (A,116,66)		RS1/16S102J
	⚠ R	3443 (A,212,56)		RS1/10S180J	R	4027 (A,91,74)		RS1/16S473J
	⚠ R	3444 (A,198,56)		RS1/10S180J	R	4039 (A,92,93)		RS1/16S153J
	R	3601 (A,312,85)		RAB4C472J	R	4040 (A,103,82)		RS1/16S153J
	R	3605 (A,304,85)		RS1/16S472J	R	4048 (A,117,92)		RS1/16S182J
	R	3606 (A,304,105)		RS1/16S472J				

5				6				7				8			
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
R	4049	(A,125,92)	RAB4C101J	R	5570	(A,49,36)	RAB4C221J	R	5571	(A,53,33)	RS1/16S102J	R	5572	(A,53,33)	RS1/16S102J
R	4052	(A,121,67)	RS1/16S0R0J	R	5574	(A,67,19)	RS1/16S104J	R	5577	(A,50,29)	RAB4C221J	R	5578	(A,50,29)	RAB4C221J
R	4053	(A,121,70)	RS1/16S101J	R	5581	(A,53,25)	RS1/16S221J	R	5582	(A,60,23)	RS1/16S221J	R	5583	(A,61,23)	RS1/16S103J
R	4054	(A,124,71)	RS1/16S101J	R	5584	(A,63,23)	RS1/16S221J	R	5590	(A,71,19)	RAB4C221J	R	5591	(A,71,19)	RAB4C221J
R	4055	(A,128,71)	RS1/16S105J	R	5597	(A,70,16)	RS1/16S153J	R	5605	(A,21,47)	RS1/16S101J	R	5606	(A,21,47)	RS1/16S101J
R	4056	(A,128,65)	RS1/16S101J	R	5712	(A,27,66)	RS1/16S272J	R	5713	(A,27,71)	RS1/16S272J	R	5714	(A,27,71)	RS1/16S272J
R	4057	(A,109,86)	RS1/16S0R0J	R	5931	(A,78,105)	RS1/16S182J	R	5933	(A,70,98)	RS1/16S104J	R	5934	(A,69,95)	RS1/16S102J
R	4060	(A,112,92)	RS1/16S0R0J	R	5935	(A,71,95)	RS1/16S103J	R	5936	(A,82,105)	RS1/16S182J	R	5937	(A,82,105)	RS1/16S182J
R	4061	(A,130,89)	RS1/16S221J	R	5937	(A,87,102)	RS1/16S473J	R	5938	(A,82,100)	RS1/16S272J	R	5939	(A,82,99)	RS1/16S332J
R	4062	(A,126,88)	RS1/16S221J	R	5940	(A,74,101)	RS1/16S101J	R	5942	(A,74,97)	RS1/16S104J	R	5943	(A,74,97)	RS1/16S104J
R	4063	(A,128,80)	RS1/16S221J												
R	4065	(A,138,84)	RS1/16S221J												
R	4066	(A,134,79)	RS1/16S101J												
R	4067	(A,137,82)	RS1/16S101J												
R	4073	(A,114,92)	RS1/16S332J												
R	4081	(A,171,22)	RS1/16S105J												
R	4082	(A,173,23)	RS1/16S105J												
R	4915	(A,103,77)	RS1/16S473J												
R	4951	(A,159,17)	RS1/16S473J												
R	4952	(A,153,16)	RS1/16S473J												
R	4955	(A,62,16)	RS1/16S182J												
R	4965	(A,42,18)	RS1/16S221J												
R	4966	(A,54,10)	RS1/16S102J												
R	4967	(A,47,12)	RS1/16S332J												
R	4968	(A,46,10)	RS1/16S182J												
R	4969	(A,42,13)	RAB4C101J												
R	5501	(A,85,25)	RAB4C221J												
R	5502	(A,60,18)	RS1/16S104J												
R	5505	(A,86,28)	RS1/16S221J												
R	5506	(A,86,29)	RS1/16S221J												
R	5507	(A,86,31)	RS1/16S221J												
R	5508	(A,86,32)	RS1/16S222J												
R	5509	(A,90,29)	RS1/16S0R0J												
R	5510	(A,98,41)	RS1/16S473J												
R	5513	(A,93,25)	RS1/16S153J												
R	5514	(A,93,24)	RS1/16S473J												
R	5515	(A,90,25)	RS1/16S823J												
R	5516	(A,90,24)	RS1/16S473J												
R	5517	(A,105,49)	RAB4C221J												
R	5518	(A,98,50)	RS1/16S105J												
R	5519	(A,106,29)	RS1/16S103J												
R	5520	(A,103,29)	RS1/16S103J												
R	5521	(A,108,41)	RS1/16S221J												
R	5527	(A,83,55)	RAB4C221J												
R	5531	(A,64,19)	RS1/16S0R0J												
R	5541	(A,68,67)	RAB4C221J												
R	5543	(A,118,52)	RS1/16S0R0J												
R	5544	(A,72,71)	RS1/16S0R0J												
R	5546	(A,72,74)	RS1/16S103J												
R	5547	(A,70,73)	RS1/16S103J												
R	5548	(A,49,55)	RAB4C221J												
R	5557	(A,49,48)	RAB4C221J												
R	5558	(A,34,47)	RS1/16S473J												
R	5559	(A,26,46)	RS1/16S473J												
R	5562	(A,49,45)	RS1/16S221J												
R	5564	(A,49,44)	RS1/16S221J												
R	5565	(A,49,42)	RS1/16S221J												
R	5566	(A,49,40)	RAB4C221J												
R	5569	(A,91,52)	RS1/16S221J												

	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	C	3120	(A,224,25)	CEVW100M10	C	3334	(A,229,105)	CKSRYP104K25
	C	3141	(A,285,99)	CCSRCH221J50	C	3335	(A,225,100)	CKSRYP104K25
	C	3142	(A,288,99)	CCSRCH221J50	C	3336	(A,226,105)	CKSRYP104K25
	C	3151	(A,175,46)	CKSRYP104K16	C	3337	(A,217,92)	CKSRYP103K50
	C	3192	(A,186,92)	CKSRYP104K25	C	3338	(A,243,92)	CKSRYP103K50
■	C	3201	(A,276,38)	CKSQYB105K16	C	3339	(A,233,92)	CKSRYP103K50
	C	3202	(A,258,38)	CKSQYB105K16	C	3340	(A,207,92)	CKSRYP103K50
	C	3203	(A,267,33)	CKSRYP104K16	C	3341	(A,247,54)	CKSRYP331K50
	C	3204	(A,261,37)	CKSRYP104K16	C	3342	(A,233,54)	CKSRYP331K50
	C	3211	(A,279,57)	CKSQYB104K50	C	3343	(A,241,54)	CKSRYP331K50
B	C	3212	(A,265,57)	CKSQYB104K50	C	3344	(A,227,54)	CKSRYP331K50
	C	3213	(A,269,57)	CKSQYB104K50	C	3401	(A,216,38)	CKSQYB105K16
	C	3214	(A,255,57)	CKSQYB104K50	C	3402	(A,198,38)	CKSQYB105K16
	C	3215	(A,275,63)	CKSRYP333K50	C	3403	(A,207,33)	CKSRYP104K16
	C	3216	(A,261,63)	CKSRYP333K50	C	3404	(A,201,37)	CKSRYP104K16
■	C	3217	(A,273,63)	CKSRYP333K50	C	3411	(A,219,57)	CKSQYB104K50
	C	3218	(A,259,63)	CKSRYP333K50	C	3412	(A,205,57)	CKSQYB104K50
	C	3221	(A,278,89) ELECT. CAPACITOR	CEAT102M25	C	3413	(A,209,57)	CKSQYB104K50
	C	3223	(A,284,84)	CKSRYP103K50	C	3414	(A,195,57)	CKSQYB104K50
	C	3224	(A,267,84)	CKSRYP103K50	C	3415	(A,215,63)	CKSRYP333K50
C	C	3225	(A,273,84)	CKSRYP102K50	C	3416	(A,201,63)	CKSRYP333K50
	C	3226	(A,256,84)	CKSRYP102K50	C	3417	(A,213,63)	CKSRYP333K50
	C	3227	(A,276,47)	CKSRYP104K25	C	3418	(A,199,63)	CKSRYP333K50
	C	3228	(A,257,47)	CKSRYP104K25	C	3421	(A,196,89) ELECT. CAPACITOR	CEAT102M25
	C	3231	(A,276,83)	CFTLA474J50	C	3423	(A,218,84)	CKSRYP103K50
■	C	3232	(A,259,83)	CFTLA474J50	C	3424	(A,201,84)	CKSRYP103K50
	C	3233	(A,238,100)	CKSRYP104K25	C	3425	(A,207,84)	CKSRYP102K50
	C	3234	(A,240,106)	CKSRYP104K25	C	3426	(A,190,82)	CKSRYP102K50
	C	3235	(A,240,100)	CKSRYP104K25	C	3427	(A,216,47)	CKSRYP104K25
	C	3236	(A,243,106)	CKSRYP104K25	C	3428	(A,197,47)	CKSRYP104K25
D	C	3237	(A,255,97)	CKSRYP103K50	C	3431	(A,210,83)	CFTLA474J50
	C	3238	(A,258,97)	CKSRYP103K50	C	3432	(A,193,83)	CFTLA474J50
	C	3239	(A,255,94)	CKSRYP103K50	C	3433	(A,208,100)	CKSRYP104K25
	C	3240	(A,250,104)	CKSRYP103K50	C	3434	(A,214,105)	CKSRYP104K25
	C	3241	(A,277,54)	CKSRYP331K50	C	3435	(A,210,100)	CKSRYP104K25
■	C	3242	(A,263,54)	CKSRYP331K50	C	3436	(A,211,105)	CKSRYP104K25
	C	3243	(A,271,54)	CKSRYP331K50	C	3437	(A,195,99)	CKSRYP103K50
	C	3244	(A,257,54)	CKSRYP331K50	C	3438	(A,195,105)	CKSRYP103K50
	C	3301	(A,246,38)	CKSQYB105K16	C	3439	(A,195,102)	CKSRYP103K50
	C	3302	(A,228,38)	CKSQYB105K16	C	3440	(A,195,108)	CKSRYP103K50
E	C	3303	(A,237,33)	CKSRYP104K16	C	3441	(A,217,54)	CKSRYP331K50
	C	3304	(A,231,37)	CKSRYP104K16	C	3442	(A,203,54)	CKSRYP331K50
	C	3311	(A,249,57)	CKSQYB104K50	C	3443	(A,211,54)	CKSRYP331K50
	C	3312	(A,235,57)	CKSQYB104K50	C	3444	(A,197,54)	CKSRYP331K50
	C	3313	(A,239,57)	CKSQYB104K50	C	3601	(A,305,85)	CCSRCH821J50
■	C	3314	(A,225,57)	CKSQYB104K50	C	3602	(A,305,105)	CCSRCH821J50
	C	3315	(A,245,63)	CKSRYP333K50	C	3603	(A,308,85)	CCSRCH821J50
	C	3316	(A,231,63)	CKSRYP333K50	C	3604	(A,308,105)	CCSRCH821J50
	C	3317	(A,243,63)	CKSRYP333K50	C	3605	(A,303,87)	CCSRCH331J50
	C	3318	(A,229,63)	CKSRYP333K50	C	3606	(A,303,102)	CCSRCH331J50
F	C	3321	(A,262,89) ELECT. CAPACITOR	CEAT102M25	C	3607	(A,307,85)	CCSRCH331J50
	C	3323	(A,251,84)	CKSRYP103K50	C	3608	(A,307,105)	CCSRCH331J50
	C	3324	(A,234,84)	CKSRYP103K50	C	3609	(A,299,85)	CEVW100M16
	C	3325	(A,240,84)	CKSRYP102K50	C	3610	(A,300,106)	CEVW100M16
	C	3326	(A,223,84)	CKSRYP102K50	C	3611	(A,296,90)	CCSRCH821J50
■	C	3327	(A,246,47)	CKSRYP104K25	C	3612	(A,296,100)	CCSRCH821J50
	C	3328	(A,227,47)	CKSRYP104K25	C	3621	(A,312,102)	CEVW100M25
	C	3331	(A,243,83)	CFTLA474J50	C	3622	(A,313,95)	CEVW100M16
	C	3332	(A,226,83)	CFTLA474J50	C	3623	(A,310,97)	CKSRYP104K25
	C	3333	(A,222,100)	CKSRYP104K25				

5			6			7			8		
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.				
C	3624 (A,310,94)		CKSRYB104K16	C	5558 (A,35,47)		CCSRCH470J50				
				C	5577 (A,53,30)		CKSRYB103K50				
C	3901 (A,212,15)		CCSRCH681J50								
C	3902 (A,212,19)		CCSRCH681J50	C	5578 (A,53,28)		CKSRYB103K50			A	
C	3903 (A,214,15)		CCSRCH681J50	C	5579 (A,66,19)		CKSRYB102K50				
C	3904 (A,214,19)		CCSRCH681J50	C	5589 (A,67,23)		CKSRYB104K16				
C	3905 (A,211,12)		CCSRCH181J50	C	5601 (A,135,11)		CKSRYB102K50				
				C	5602 (A,86,16)		CKSRYB102K50				
C	3906 (A,211,22)		CCSRCH181J50								
C	3907 (A,211,15)		CCSRCH561J50	C	5603 (A,135,8)		CKSRYB102K50				
C	3908 (A,211,19)		CCSRCH561J50	C	5604 (A,97,17)		CKSRYB104K16				
C	3921 (A,215,8)		CEVW100M25	C	5605 (A,98,17)		CKSRYB104K16				
C	3922 (A,223,8)		CEVW100M16	C	5606 (A,78,17)		CKSRYB102K50				
				C	5701 (A,30,56)		CCSRCH101J50				
C	3923 (A,202,20)		CKSRYB104K25								
C	3924 (A,202,13)		CKSRYB104K16	C	5703 (A,38,56)		CCSRCH101J50			B	
C	4001 (A,97,69)		CKSRYB103K50	C	5707 (A,38,64)		CKSRYB102K50				
C	4011 (A,95,65)		CEAT100M50	C	5708 (A,42,62) ELECT. CAPACITOR		CEAT470M35				
C	4012 (A,112,64)		CEAT100M50	C	5712 (A,56,71)		CCSRCH270J50				
				C	5713 (A,45,71)		CKSRYB472K50				
C	4015 (A,87,72)		CEAT100M50								
C	4016 (A,105,71)		CEAT100M50	C	5714 (A,56,68)		CCSRCH270J50				
C	4019 (A,105,64)		CEAT100M50	C	5715 (A,55,65)		CKSRYB103K50				
C	4020 (A,118,62)		CEAT100M50	C	5716 (A,45,63)		CCSRCH561J50				
C	4021 (A,97,93)		CKSRYB104K16	C	5719 (A,52,77)		CEAT100M50				
				C	5720 (A,58,61) ELECT. CAPACITOR		CEAT470M35				
C	4022 (A,101,93)		CKSRYB104K16								
C	4023 (A,96,89) ELECT. CAPACITOR		CEAT470M35	C	5931 (A,74,105)		CCSRCH221J50				
C	4024 (A,125,59)		CEAT221M6R3	C	5932 (A,74,104)		CCSRCH221J50			C	
C	4025 (A,90,89)		CEAT100M50	C	5936 (A,82,107)		CCSRCH221J50				
C	4026 (A,102,89)		CEAT100M50								
C	4041 (A,119,78)		CEAT100M50								
C	4042 (A,114,78)		CKSRYB104K16								
C	4043 (A,108,78)		CEAT2R2M50								
C	4044 (A,112,78)		CKSRYB104K16								
C	4045 (A,121,84)		CEAT100M50								
C	4046 (A,124,87)		CKSRYB104K16								
C	4048 (A,115,92)		CKSRYB103K50								
C	4052 (A,120,67)		CKSRYB104K16								
C	4056 (A,130,65)		CCSRCH270J50								
C	4057 (A,130,71)		CCSRCH270J50							D	
C	4064 (A,134,88)		CKSRYB104K16	L	5901 (A,34,47) AXIAL INDUCTOR		LAU220J				
C	4951 (A,158,21)		CEAT101M16	L	5902 (A,89,37) AXIAL INDUCTOR		LAU100J				
C	4952 (A,149,21)		CEAT101M16	L	5971 (B,214,39) INDUCTOR		CTF1306				
C	4961 (A,55,15)		CKSRYB105K16	L	5972 (B,201,27) INDUCTOR		CTF1306				
C	4962 (A,54,17)		CKSRYB104K16	L	5974 (B,196,27) INDUCTOR		CTF1306				
C	4963 (A,54,12)		CKSQYB225K10								
C	4965 (A,54,20)		CKSQYB225K10	JA	602 (A,230,36) JACK		XKB3056				
C	4966 (A,54,19)		CKSRYB104K16	JA	5901 (A,203,39) MINITURE JACK		AKN7005				
C	4967 (A,49,8) ELECT. CAPACITOR		CEAT220M25	V	5901 (A,37,27) FL TUBE		AAV7104				
C	4968 (A,45,12)		CKSRYB103K50	S	5962 (A,207,52) SWITCH		VSG1024				
				S	5963 (A,194,52) SWITCH		VSG1024				
C	5502 (A,94,46)		CEAT101M10	S	5964 (A,171,52) SWITCH		VSG1024			E	
C	5504 (A,88,24)		CKSRYB103K50	S	5965 (A,153,52) SWITCH		VSG1024				
C	5508 (A,88,29)		CKSRYB103K50	S	5966 (A,135,52) SWITCH		VSG1024				
C	5509 (A,83,35)		CKSRYB104K16	S	5967 (A,117,52) SWITCH		VSG1024				
C	5517 (A,82,42)		CKSRYB103K50	S	5991 (A,228,52) SWITCH		VSG1024				
C	5518 (A,82,44)		CKSRYB104K16								
C	5519 (A,103,32)		CKSRYB103K50	CN	5902 (A,11,52) CONNECTOR		9607S-27F				
C	5521 (A,106,45)		CKSRYB104K16		5902 REMOTE RECEIVER UNIT		GP1UE274XKC1				
C	5522 (A,106,41)		CKSRYB103K50		5971 FL SPACER		AEB7367				
C	5524 (A,101,44)		CEAT100M50								
C	5539 (A,69,57)		CKSRYB104K16								
C	5555 (A,54,48)		CKSRYB104K16								
C	5557 (A,33,42)		CKSRYB104K16								
				C COMPLEX ASSY							
				MISCELLANEOUS							
				IC	5901 (B,64,40) FL DRIVER IC		PT6315				
				Q	5971 (B,193,28) DIGITAL TR(SC-70)		RT1P241M				
				Q	5973 (B,214,18) TRANSISTOR		IMX9				
				Q	5974 (B,213,24) TRANSISTOR		IMX9				
				D	601 (B,228,46) ZENER DIODE		UMZU6.2N				
				L	5901 (A,34,47) AXIAL INDUCTOR		LAU220J				
				L	5902 (A,89,37) AXIAL INDUCTOR		LAU100J				
				L	5971 (B,214,39) INDUCTOR		CTF1306				
				L	5972 (B,201,27) INDUCTOR		CTF1306				
				L	5974 (B,196,27) INDUCTOR		CTF1306				
				JA	602 (A,230,36) JACK		XKB3056				
				JA	5901 (A,203,39) MINITURE JACK		AKN7005				
				V	5901 (A,37,27) FL TUBE		AAV7104				
				S	5962 (A,207,52) SWITCH		VSG1024				
				S	5963 (A,194,52) SWITCH		VSG1024				
				S	5964 (A,171,52) SWITCH		VSG1024				
				S	5965 (A,153,52) SWITCH		VSG1024				
				S	5966 (A,135,52) SWITCH		VSG1024				
				S	5967 (A,117,52) SWITCH		VSG1024				
				S	5991 (A,228,52) SWITCH		VSG1024				
				CN	5902 (A,11,52) CONNECTOR		9607S-27F				
					5902 REMOTE RECEIVER UNIT		GP1UE274XKC1				
					5971 FL SPACER		AEB7367				
				RESISTORS							
				R	5901 (B,44,45)		RS1/16S221J				
				R	5902 (B,39,45)		RS1/16S221J				
				R	5903 (B,56,50)		RS1/16S221J			F	
				R	5904 (B,48,45)		RS1/16S823J				
				R	5951 (B,20,48)		RS1/16S470J				

Mark No. Description**Part No.****Mark No. Description****Part No.**

R 5954 (B,31,33)
R 5962 (B,203,52)
R 5963 (B,198,52)
R 5964 (B,174,48)
R 5965 (B,131,50)

RS1/16S101J
RS1/16S102J
RS1/16S122J
RS1/16S152J
RS1/16S182J

D 473 (B,32,41) DIODE
D 474 (B,38,41) DIODE
JA 451 (A,62,8) CONNECTOR
CN 461 (A,89,31) CONNECTOR

MC2846-11
MC2848-11
XKB3054
CKS3388

R 5966 (B,115,47)
R 5971 (B,219,26)
R 5972 (B,205,19)
R 5973 (B,217,26)
R 5974 (B,203,19)

RS1/16S102J
RS1/10S680J
RS1/10S680J
RS1/10S680J
RS1/10S680J

RESISTORS

R 461 (B,62,69)
R 462 (B,62,67)
R 463 (B,73,65)
R 464 (B,52,65)
R 465 (B,73,67)

RS1/16S223J
RS1/16S122J
RS1/16S472J
RS1/16S472J
RS1/16S563J

R 5975 (B,218,22)
R 5976 (B,218,16)
R 5977 (B,213,28)
R 5978 (B,211,18)
R 5979 (B,219,30)

RS1/16S222J
RS1/16S222J
RS1/16S222J
RS1/16S222J
RS1/10S680J

R 466 (B,30,66)
R 467 (B,41,69)
R 468 (B,41,71)
R 469 (B,41,67)
R 470 (B,46,72)

RS1/16S103J
RS1/16S122J
RS1/16S122J
RS1/16S102J
RS1/16S821J

R 5980 (B,208,23)
R 5981 (B,217,30)
R 5982 (B,210,23)
R 5983 (B,214,35)
R 5984 (B,203,23)

RS1/10S680J
RS1/10S680J
RS1/10S680J
RS1/16S680J
RS1/16S680J

R 471 (B,46,70)
R 472 (B,30,64)
R 473 (B,52,73)
R 474 (B,58,28) CHIP RESISTOR
R 475 (B,53,28) CHIP RESISTOR

RS1/16S561J
RS1/16S223J
RS1/16S563J
RS1/16S75R0F
RS1/16S75R0F

R 5985 (B,217,35)
R 5986 (B,205,23)
R 5990 (B,199,28)

RS1/16S680J
RS1/16S680J
RS1/16S680J

R 476 (B,47,28) CHIP RESISTOR
R 477 (B,27,27) CHIP RESISTOR
R 478 (B,40,28) CHIP RESISTOR
R 481 (B,71,37)
R 482 (B,71,35)

RS1/16S75R0F
RS1/16S75R0F
RS1/16S75R0F
RS1/16S102J
RS1/16S102J

CAPACITORS

C 601 (B,222,42)
C 602 (A,216,43)
C 605 (B,220,42)
C 5907 (A,115,21) ELECTR. CAPACITOR
C 5911 (B,31,43)

CKSRYB104K50
CEAT221M6R3
CKSRYB104K50
CEAL470M35
CKSRYB223K50

R 483 (B,59,38)
R 484 (B,63,38)
R 485 (B,59,36)
R 486 (B,63,36)
R 493 (B,76,42)

RS1/16S473J
RS1/16S473J
RS1/16S471J
RS1/16S471J
RS1/16S472J

C 5912 (B,46,39)
C 5913 (A,42,41)
C 5915 (B,69,49)
C 5916 (B,91,34)
C 5917 (B,79,37)

CKSRYB223K50
CEAL470M6R3
CKSRYB103K50
CKSRYB223K50
CKSRYB223K50

R 494 (B,76,40)
R 495 (B,89,23)
R 496 (B,85,23)

RS1/16S472J
RS1/16S331J
RS1/16S331J

C 5918 (A,83,39) ELECTR. CAPACITOR
C 5920 (B,46,45)
C 5921 (B,41,45)
C 5922 (B,58,50)
C 5951 (B,20,37)

CEAL470M35
CCSRCH221J50
CCSRCH221J50
CCSRCH221J50
CKSRYB223K50

CAPACITORS

C 464 (B,66,65)
C 470 (B,41,73)
C 471 (A,35,57)
C 472 (B,39,52)
C 473 (B,24,57)

CKSRYB104K50
CKSRYB104K50
CEAT100M50
CKSRYB104K50
CKSRYB104K50

C 5952 (A,19,41)
C 5971 (B,213,31)
C 5972 (B,207,27)
C 5973 (B,212,35)
C 5974 (B,205,27)

CEJQ470M10
CKSRYB102K50
CKSRYB102K50
CKSRYB473K25
CKSRYB473K25

C 474 (B,24,61)
C 475 (B,43,44)
C 476 (B,29,45)
C 477 (A,52,37) ELECT. CAPACITOR
C 478 (A,45,37) ELECT. CAPACITOR

CKSRYB104K50
CKSRYB104K50
CKSRYB104K50
CEAT471M6R3
CEAT471M6R3

C 5977 (B,199,32)

CKSRYB103K50

C 479 (A,38,37) ELECT. CAPACITOR
C 480 (A,30,37) ELECT. CAPACITOR
C 481 (A,65,49)
C 482 (A,65,42)
C 483 (B,59,34)

CEAT471M6R3
CEAT102M6R3
CEAT100M50
CEAT100M50
CCSRCH331J50

D EUROSCART ASSY

MISCELLANEOUS

IC 471 (B,38,46) VIDEO SW IC
IC 472 (B,29,48) VIDEO SW IC
Q 461 (B,68,68) CHIP TRANSISTOR
Q 462 (B,47,65) CHIP TRANSISTOR
Q 463 (B,52,70) DIGITAL TR(SC-70)

MM1505XN
MM1507XN
RT3WLMM
RT3WLMM
RT1P441M

C 484 (B,63,34)
C 485 (B,89,21)
C 486 (B,85,21)
C 487 (B,58,26)
C 488 (B,23,25)

CCSRCH331J50
CCSRCH101J50
CCSRCH101J50
CCSRCH470J50
CKSRYB104K50

Q 472 (B,25,67) TRANSISTOR
Q 492 (B,80,40) DIGITAL TR(SC-70)
Q 493 (B,74,45) TRANSISTOR
D 471 (B,49,41) DIODE
D 472 (B,43,41) DIODE

RT1N241M
RT1P241M
IMX9
MC2846-11
MC2848-11

C 489 (B,53,26)
C 490 (B,47,26)
C 491 (B,27,25)
C 492 (B,40,26)

CCSRCH470J50
CCSRCH470J50
CCSRCH470J50
CCSRCH470J50

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Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	
E DSP ASSY (XV-DV575, XV-DV580) MISCELLANEOUS				R	827	(B,32,39)	RS1/16S0R0J	
IC	601	(A,87,53) DIR IC	AK4117VF	R	828	(B,30,39)	RS1/16S103J	
IC	650	(A,66,36) IC	TC7SH08FUS1	R	829	(A,35,37)	RS1/16S473J	
IC	801	(A,31,48) DSP IC	DSPC56371AF180	R	832	(A,41,42)	RS1/16S470J	
IC	802	(A,21,34) IC	TC7WU04FU	R	833	(A,45,45)	RS1/16S470J	
IC	851	(B,44,46) FLASH ROM IC	PDC156A8	R	834	(A,44,48)	RS1/16S470J	
△ IC	901	(A,95,42) LDO REGULATOR	BD00KA5WFP	R	836	(A,41,50)	RS1/16S470J	
IC	951	(B,96,55) IC	TC74VHC08FTS1	R	837	(A,43,57)	RAB4C470J	
Q	801	(B,28,40) TRANSISTOR	RT1N241M	R	851	(A,41,40)	RS1/16S470J	
L	602	(B,87,49) CHIP SOLID INDUCTOR	QTL1013	R	852	(A,40,37)	RS1/16S222J	
L	603	(A,84,58) CHIP SOLID INDUCTOR	QTL1013	R	855	(A,48,45)	RS1/16S103J	
L	650	(A,68,39) CHIP SOLID INDUCTOR	QTL1013	R	856	(B,40,46)	RS1/16S103J	
L	801	(B,23,41) CHIP SOLID INDUCTOR	QTL1013	R	857	(A,48,47)	RS1/16S103J	
L	802	(B,23,37) CHIP SOLID INDUCTOR	QTL1013	R	858	(A,49,50)	RS1/16S0R0J	
L	803	(A,39,37) CHIP SOLID INDUCTOR	ATL7002	R	901	(B,100,45)	RS1/16S333J	
L	804	(B,18,50) CHIP SOLID INDUCTOR	ATL7002	R	902	(B,104,49)	RS1/16S2202F	
L	901	(B,91,36) CHIP SOLID INDUCTOR	ATL7002	R	903	(B,98,36)	RS1/16S104J	
L	952	(B,93,46) CHIP SOLID INDUCTOR	QTL1013	R	953	(B,37,32)	RS1/16S104J	
KN	901	SCREW PLATE	VNE1948	R	954	(B,35,32)	RS1/16S104J	
X	801	(A,16,40) CRYSTAL RESONATOR (24.576MHZ)	XSS3003	R	955	(B,28,35)	RS1/16S104J	
CN	701	(A,66,31) 19P SOCKET	XKP3054	R	956	(B,33,32)	RS1/16S104J	
CN	901	(A,99,31) 9P SOCKET	XKP3088	R	957	(B,21,41)	RS1/16S104J	
CN	951	(A,26,31) 13P SOCKET	XKP3053	R	958	(A,13,34)	RS1/16S104J	
RESISTORS				R	959	(B,12,46)	RS1/16S104J	
R	601	(B,81,53)	RS1/16S471J	R	960	(A,11,34)	RS1/16S104J	
R	603	(B,79,54)	RS1/16S471J	R	963	(A,94,59)	RS1/16S101J	
R	604	(A,92,48)	RS1/16S151J	R	964	(A,97,55)	RS1/16S101J	
R	605	(B,76,45)	RS1/16S101J	R	965	(A,100,57)	RAB4C101J	
R	606	(B,80,45)	RS1/16S101J	CAPACITORS				
R	607	(B,78,45)	RS1/16S470J	C	603	(A,80,57)	CKSRYB103K50	
R	608	(B,89,52)	RS1/16S470J	C	606	(A,81,53)	CKSRYB104K16	
R	610	(A,79,51)	RS1/16S470J	C	611	(A,90,59)	CKSRYB104K16	
R	612	(B,91,52)	RS1/16S101J	C	614	(A,94,55)	CKSRYB102K50	
R	616	(A,95,51)	RS1/16S103J	C	617	(A,87,58)	CKSRYB104K16	
R	617	(A,80,58)	RS1/16S123J	C	650	(A,68,35)	CKSRYB104K16	
R	755	(A,61,36) RESISTOR ARRAY	RAB4C104J	C	801	(A,37,57)	CCSRCH471J50	
R	801	(A,42,59)	RS1/16S470J	C	802	(A,37,59)	CKSRYB104K16	
R	802	(A,34,59)	RAB4C101J	C	803	(A,31,57)	CKSRYB105K6R3	
R	803	(B,38,57)	RS1/16S103J	C	805	(A,25,57)	CCSRCH471J50	
R	804	(B,36,57)	RS1/16S103J	C	806	(A,25,58)	CKSRYB104K16	
R	805	(B,34,57)	RS1/16S103J	C	807	(A,21,53)	CCSRCH471J50	
R	806	(B,32,57)	RS1/16S103J	C	808	(A,19,53)	CKSRYB104K16	
R	807	(B,30,57)	RS1/16S473J	C	809	(A,21,50)	CKSRYB105K6R3	
R	810	(A,18,50)	RS1/16S473J	C	811	(B,15,46)	CCSRCH221J50	
R	811	(B,17,45)	RS1/16S101J	C	813	(B,29,45)	CCSRCH221J50	
R	812	(B,21,45)	RS1/16S101J	C	814	(A,20,44)	CCSRCH471J50	
R	813	(B,19,45)	RS1/16S472J	C	815	(A,20,45)	CKSRYB104K16	
R	814	(B,23,45)	RS1/16S101J	C	816	(A,17,35)	CCSRCH471J50	
R	815	(B,27,45)	RS1/16S101J	C	817	(A,16,35)	CKSRYB104K16	
R	816	(B,26,35)	RS1/16S101J	C	819	(A,12,37)	CCSRCH5R0C50	
R	817	(B,25,39)	RS1/16S103J	C	820	(A,20,37)	CCSRCH5R0C50	
R	818	(A,28,34)	RS1/16S470J	C	821	(A,24,38)	CCSRCH471J50	
R	821	(A,15,37)	RS1/16S471J	C	822	(A,24,37)	CKSRYB104K16	
R	822	(A,17,37)	RS1/16S105J	C	823	(A,27,38)	CKSRYB105K6R3	
R	823	(A,25,35)	RS1/16S101J	C	825	(A,29,37)	CKSRYB103K50	
R	825	(A,31,35)	RS1/16S101J	C	826	(A,32,38)	CKSRYB105K6R3	
				C	828	(A,40,44)	CCSRCH471J50	
				C	829	(A,41,44)	CKSRYB104K16	
				C	830	(A,41,47)	CKSRYB105K6R3	

A	Mark	No.	Description	Part No.
	C	832	(A,41,52)	CCSRCH471J50
	C	833	(A,42,52)	CKSRYB104K16
	C	851	(B,50,48)	CKSRYB104K16
	C	901	(A,100,37)	CKSRYB105K6R3
	C	906	(A,104,46)	CKSRYB105K6R3
	C	951	(B,92,56)	CKSRYB104K16

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F

POWER SUPPLY UNIT

POWER SUPPLY UNIT has no service part.

B

G

FM/AM TUNER UNIT

FM/AM TUNER UNIT has no service part.

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C

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D

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E

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F