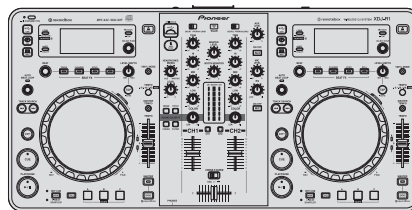


Pioneer

Service Manual



XDJ-R1

ORDER NO.
RRV4401

DJ SYSTEM

XDJ-R1

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

Model	Type	Power Requirement	Remarks
XDJ-R1	SVWYXE8	AC 220 V to 240 V	
XDJ-R1	CUXE	AC 120 V	
XDJ-R1	FLWPWXE	AC 110 V to 120 V or 220 V to 240 V	
XDJ-R1	KXE5	AC 220 V	
XDJ-R1	AXE5	AC 220 V to 240 V	



PIONEER CORPORATION 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan

PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.

PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium

PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936

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K-MZV JUNE 2013 Printed in Japan

SAFETY INFORMATION

WARNING

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.

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

This product may contain a chemical known to the State of California to cause cancer, or birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 - Proposition 65

WARNING !

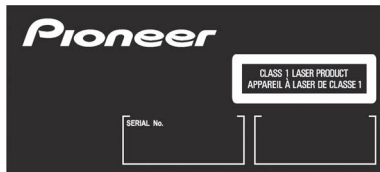
THE AEL (ACCESSIBLE EMISSION LEVEL) OF THE LASER POWER OUTPUT IS LESS THAN CLASS 1 BUT THE LASER COMPONENT IS CAPABLE OF EMITTING RADIATION EXCEEDING THE LIMIT FOR CLASS 1.
A SPECIALLY INSTRUCTED PERSON SHOULD DO SERVICING OPERATION OF THE APPARATUS.

LASER DIODE CHARACTERISTICS

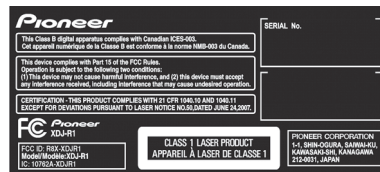
For CD Wave length : 775 - 800 nm
Output Power : Less than Class 1

LABEL CHECK

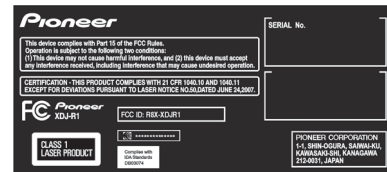
for SVWYXE8



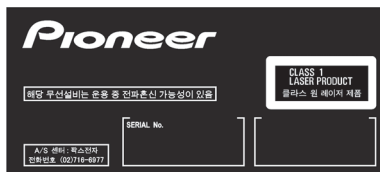
for CUXE



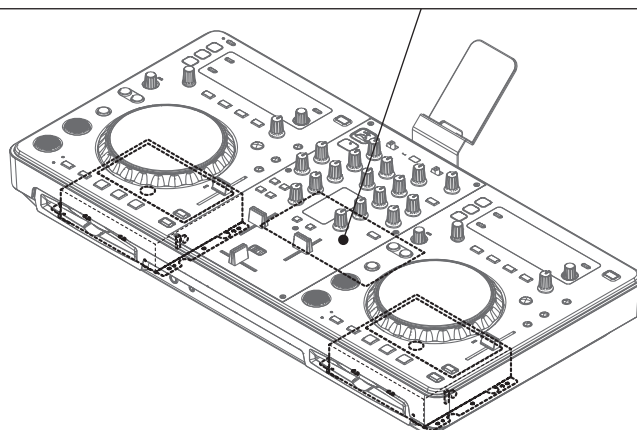
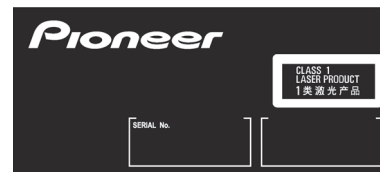
for FLWPWXE



for KXE5



for AXE5



XDJ-R1

CONTENTS

SAFETY INFORMATION.....	2
1. SERVICE PRECAUTIONS.....	4
1.1 NOTES ON SOLDERING.....	4
2. SPECIFICATIONS.....	5
3. BASIC ITEMS FOR SERVICE.....	6
3.1 CHECK POINTS AFTER SERVICING.....	6
3.2 JIGS LIST.....	6
3.3 PCB LOCATIONS.....	7
4. BLOCK DIAGRAM.....	8
4.1 OVERALL WIRING DIAGRAM.....	8
4.2 OVERALL BLOCK DIAGRAM.....	10
4.3 SYSTEM BLOCK DIAGRAM.....	12
4.4 LEVEL BLOCK DIAGRAM.....	14
5. DIAGNOSIS.....	16
5.1 TROUBLESHOOTING.....	16
5.2 CONFIRMATION OF WIRELESS LAN COMMUNICATION.....	19
5.3 ERROR CODE LIST.....	20
6. SERVICE MODE.....	21
6.1 SERVICE MODE.....	21
7. DISASSEMBLY.....	28
8. EACH SETTING AND ADJUSTMENT.....	39
8.1 NECESSARY ITEMS TO BE NOTED.....	39
8.2 UPDATING OF THE FIRMWARE.....	40
8.3 USER SETABLE ITEMS.....	41
9. EXPLODED VIEWS AND PARTS LIST.....	42
9.1 PACKING SECTION.....	42
9.2 EXTERIOR SECTION.....	44
10. SCHEMATIC DIAGRAM.....	48
10.1 I/O ASSY.....	48
10.2 MIXER, CH, CROSS FADER, USB and PHONES ASSEMBLIES.....	50
10.3 DSP & POWER ASSY (1/2) and Wi-Fi PCB ASSY.....	52
10.4 DSP & POWER ASSY (2/2).....	54
10.5 CD1 and CD2 ASSEMBLIES.....	56
10.6 SERVO ASSY.....	58
10.7 SWITCHING POWER.....	60
10.8 WAVEFORMS.....	62
11. PCB CONNECTION DIAGRAM.....	64
11.1 I/O ASSY.....	64
11.2 MIXER ASSY.....	66
11.3 DSP & POWER ASSY.....	68
11.4 CH, CROSS FADER, USB and PHONES ASSEMBLIES.....	70
11.5 Wi-Fi PCB ASSY.....	71
11.6 CD1 and CD2 ASSEMBLIES.....	72
11.7 SERVO ASSY.....	74
11.8 SWITCHING POWER.....	75
12. PCB PARTS LIST.....	76

1. SERVICE PRECAUTIONS

1.1 NOTES ON SOLDERING

A

- 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.

B

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.

C

D

E

F

2. SPECIFICATIONS

Power requirements.....AC 220 V to 240 V, 50 Hz/60 Hz (SVWYXE8)	
AC 120 V, 60 Hz (CUXE)	
AC 110 V to 120 V or 220 V to 240 V, 50 Hz/60 Hz (FLWPWXE)	
AC 220 V, 60 Hz (KXE5)	
AC 220 V to 240 V, 50/60 Hz (AXE5)	
Power consumption 30 W	
Power consumption (standby) 0.5 W	
Main unit weight..... 6.8 kg (15 lb)	
Max. dimensions..... 623 mm (W) × 107.7 mm (H) × 308.4 mm (D)	
(24.6 in. (W) × 4.3 in. (H) × 12.2 in. (D))	
Tolerable operating temperature..... +5 °C to +35 °C (+41 °F to +95 °F)	
Tolerable operating humidity..... 5 % to 85 % (no condensation)	

Wireless LAN section

Supported standards..... IEEE 802.11b/g (2.4 GHz band)

Audio Section

Sampling rate 44.1 kHz	
A/D, D/A converter..... 24 bits	
Frequency characteristic	
USB/LINE 20 Hz to 20 kHz	
S/N ratio (MASTER OUT 1, rated output, A-WEIGHTED)	
USB (when external input terminal not connected) 98 dB	
LINE 97 dB	
CD 97 dB	
PHONO 86 dB	
MIC 80 dB	
Total harmonic distortion (MASTER OUT 1, 20 Hz — 20 kHzBW)	
USB 0.006 %	
LINE 0.007 %	
Standard input level / Input impedance	
LINE -12 dBu/47 kΩ	
PHONO -48 dBu/47 kΩ	
MIC -52 dBu/10 kΩ	
AUX -12 dBu/10 kΩ	
Standard output level / Load impedance / Output impedance	
MASTER OUT 1 +6 dBu/10 kΩ/330 Ω or lower	
MASTER OUT 2 +2 dBu/10 kΩ/1 kΩ	
BOOTH +2 dBu/10 kΩ/1 kΩ	
PHONES +2 dBu/32 Ω/66 Ω	
Rated output level / Load impedance	
MASTER OUT 1 +22 dBu/10 kΩ	
MASTER OUT 2 +18 dBu/10 kΩ	
Crosstalk (20 Hz — 20 kHzBW)	
LINE 83 dB	
Channel equalizer characteristic	
HI -∞ to +9 dB (13 kHz)	
MID -∞ to +9 dB (1 kHz)	
LOW -∞ to +9 dB (70 Hz)	
Microphone equalizer characteristic	
LOW — CENTER — HI -12 dB (10 kHz) to 0 dB to -12 dB (100 Hz)	

Input/output terminals

USB downstream port	
Type A..... 1 set	
Power supply 5 V/500 mA or less	
USB upstream port	
B type 1 set	
MASTER OUT 1 output terminal	
XLR connector..... 1 set	
MASTER OUT 2 output terminal	
RCA pin jacks 1 set	
BOOTH output terminal	
RCA pin jacks 1 set	
PHONES output terminal	
Stereo phone jack (Ø 6.3 mm) 1 set	
Stereo mini phone jack (Ø 3.5 mm) 1 set	
PHONO/LINE input terminals	
RCA pin jack 2 sets	
MIC input terminal	
Phone jack (Ø 6.3 mm) 1 set	
AUX input terminal	
RCA pin jacks 1 set	

- The specifications and design of this product are subject to change without notice.
- Be sure to use the [MASTER OUT 1] terminals only for a balanced output. Connection with an unbalanced input (such as RCA) using an XLR to RCA converter cable (or converter adapter), etc., may lower the sound quality and/or result in noise. For connection with an unbalanced input (such as RCA), use the [MASTER OUT 2] terminals.

Accessories

- CD-ROM (The disc includes rekordbox, the driver software, the XDJ-R1's operating instructions and the operating instructions for remotebox. The rekordbox license key is attached.) (429-COMBO-144)
- VIRTUAL DJ LE license key (indicated on this unit's bottom panel)
- Power cord (SVWYXE8: 409-HDJ7100-055D) (CUXE: 409-HDJ7100-054D) (FLWPWXE: 409-HDJ7100-055D, 409-COMBO-226) (KXE5: 409-COMBO-224) (AXE5: 409-DMX101-218)
- Read Before Use (Important)/Quick Start Guide (SVWYXE8: 502-XDR1B-3272) (CUXE: 502-XDR1A-3271) (FLWPWXE: 502-XDR1F-3276) (KXE5: 502-XDR1E-3275) (AXE5: 502-XDR1D-3274)
- About SSIDs and passwords (501-XJR1-2506)
- Smartphone stand (703-COMBO-1395)
- Smartphone stand mount screws x 2 (200-BLACK-642)
- USB cable (408-100UG-087)

3. BASIC ITEMS FOR SERVICE

3.1 CHECK POINTS AFTER SERVICING

A Items to be checked after servicing

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

No.	Procedures	Check points
1	Check the firmware version.	The firmware version must be the latest one. If it is not the latest one, be sure to update it.
2	Confirm whether the customer complain has been solved.	The customer complain must not be reappeared. Audio and operations must be normal.
3	Check the analog audio output.	There must be no errors in audio output and operations of each channel.
4	Playback a CD disc. (track search)	Audio, Search and operations must be normal.
5	Check playback, using the fader function.	There must be no errors in audio output and operations of each channel.
6	Check the MASTER output.	Audio and operations must be normal.
7	Check the headphones output.	There must be no errors, such as noise, in the audio output.
8	Check the connection of each interface.	
	Check playback, using the USB A.	Audio and search etc. operations must be normal.
	USB B	The device must be properly recognized by the PC.
	Wireless LAN	The output signal can detect with a PC.
9	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 audio.

Item to be checked regarding audio	
Distortion	Volume too high
Noise	Volume fluctuating
Volume too low	Sound interrupted

3.2 JIGS LIST

Jigs List

Jig Name	Part No.	Purpose of use / Remarks
USB cable	GGP1193	for PC connection
rekordbox	Supplied software	It must be confirmed that music files played back in the PC can be transferred to the XDJ-R1 via wireless LAN, using rekordbox installed on the PC. You can download rekordbox from the Pioneer Web site.

Lubricants and Glues List



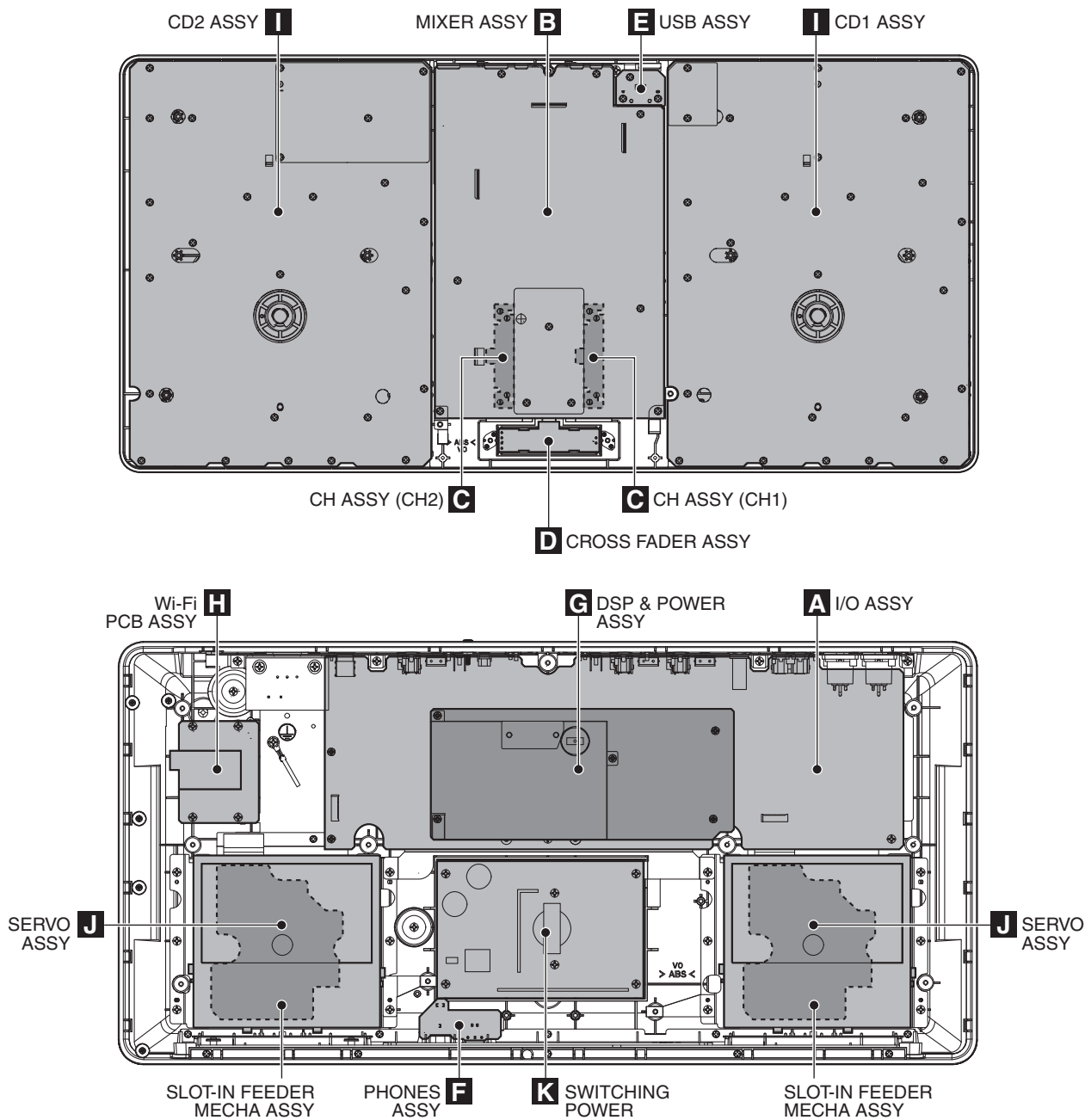
Name	Part No.	Remarks
Adhesive	GYL1001	Refer to "7. DISASSEMBLY".
Adhesive	GYL1005	Refer to "7. DISASSEMBLY".
Grease	GEM1072	Refer to "7. DISASSEMBLY".
Silicon bond	GYA1011	Refer to "7. DISASSEMBLY".

Cleaning



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

Position to be cleaned	Name	Part No.	Remarks
Pickup lens	Cleaning liquid	GEM1004	Refer to "7. DISASSEMBLY".
	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					
I/O ASSY		704-COMBO-A378	SERVO ASSY		704-COMBO-A377
MIXER ASSY		704-COMBO-A376	SWITCHING POWER		411-COMBO-887
CH ASSY		704-COMBO-A482			
CROSS FADER ASSY		704-COMBO-A499	SLOT-IN FEEDER MECHA ASSY		704-MCU300-9997-HA
USB ASSY		704-COMBO-A381			
PHONES ASSY		704-COMBO-A379			
DSP & POWER ASSY		704-COMBO-A531			
Wi-Fi PCB ASSY		704-COMBO-A380			
CD1 ASSY		704-COMBO-A375			
CD2 ASSY		704-COMBO-A476			

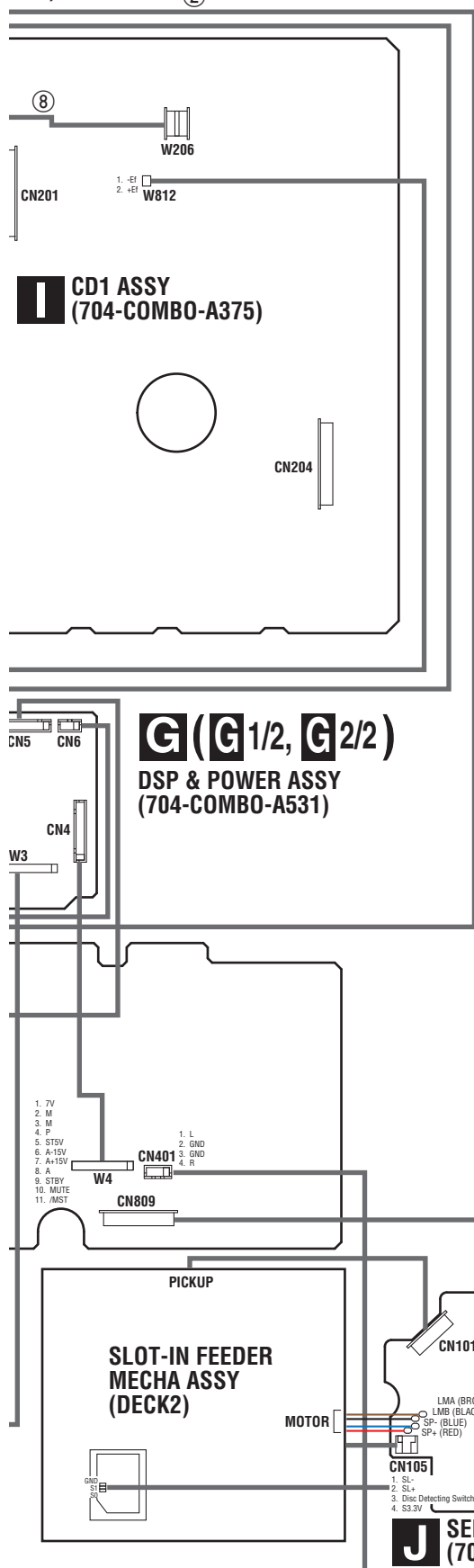
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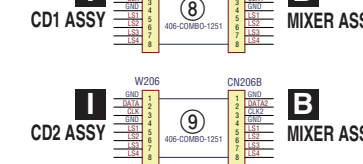
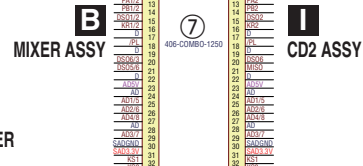
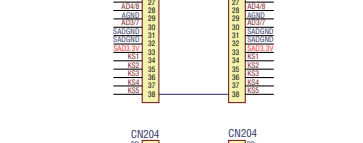
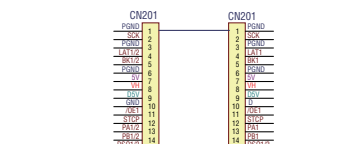
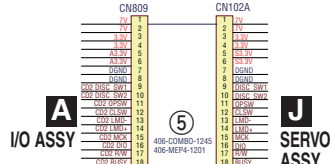
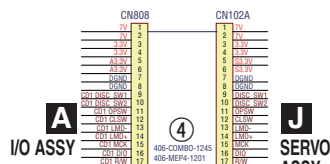
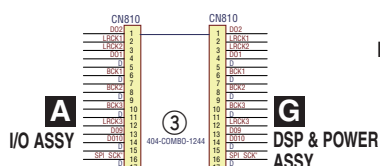
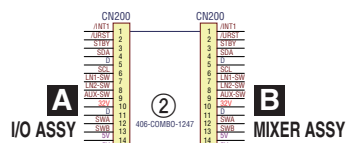
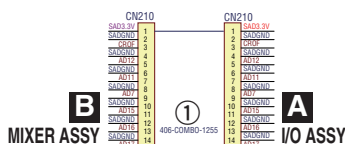
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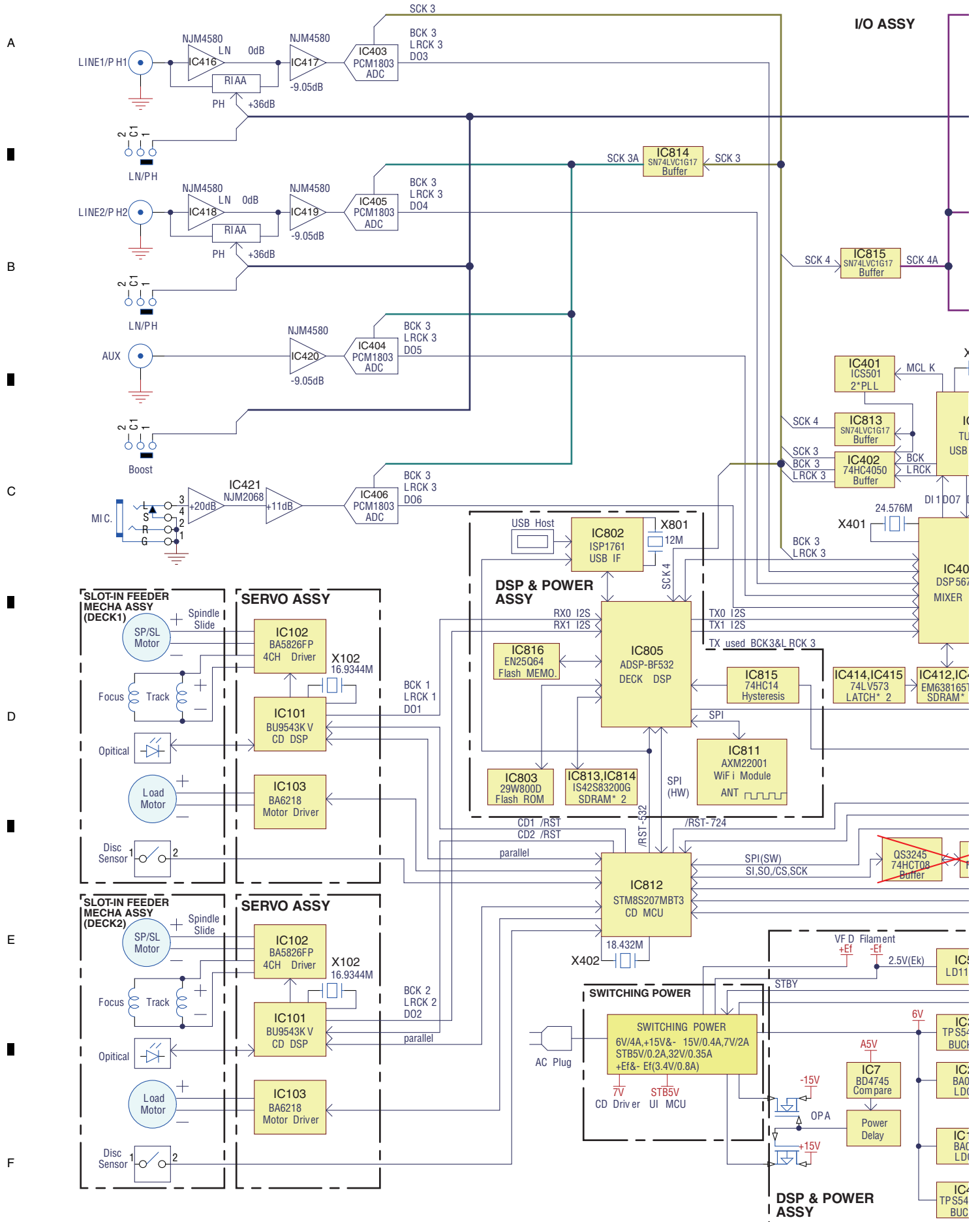


- 部品を発注する場合は、必ず「分解図と部品表」または「電気部品表」を参照してください。
- ⚠ 印の部品は、安全上重要な部品です。

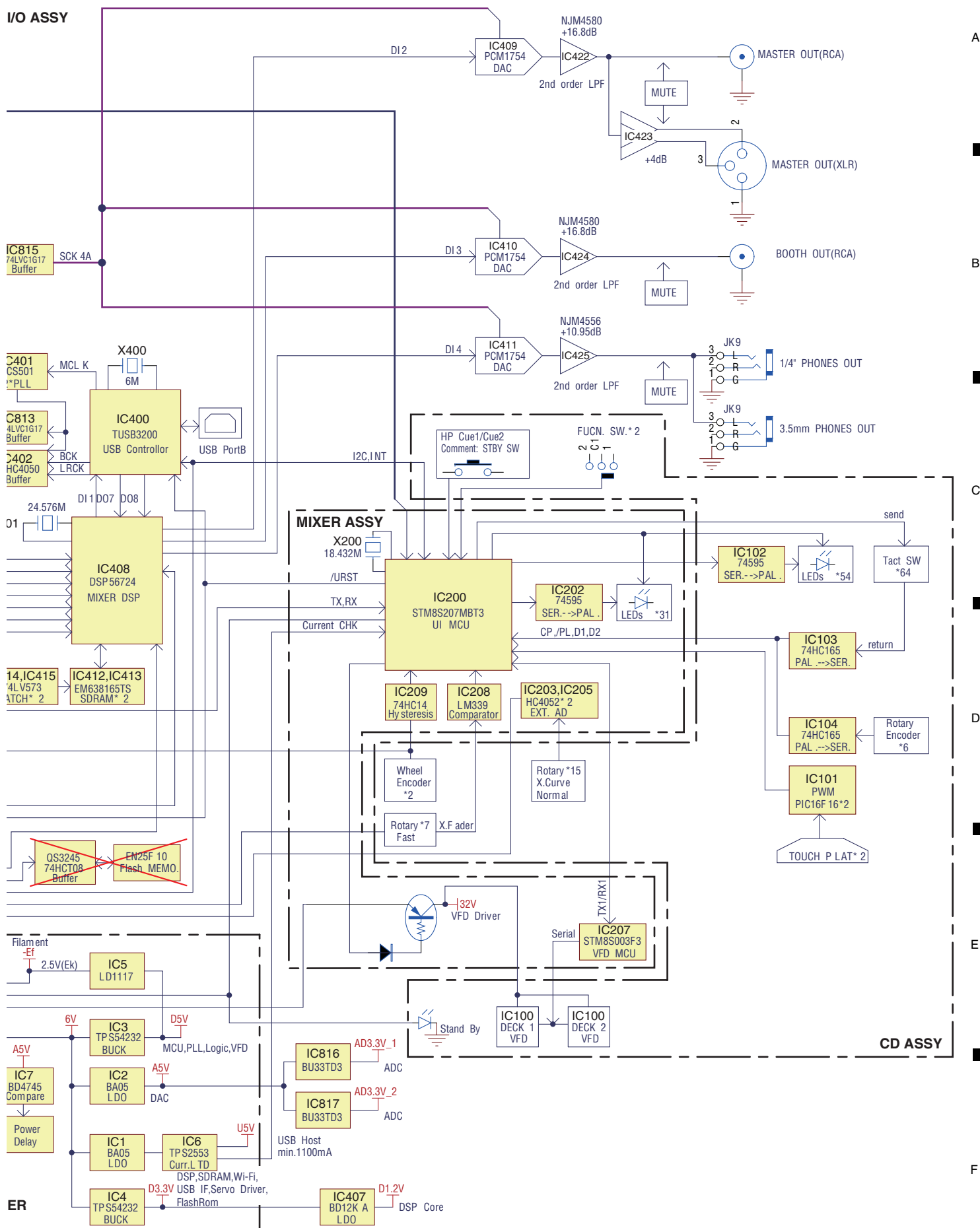
- When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".
- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.



4.2 OVERALL BLOCK DIAGRAM



I/O ASSY



1 2 3 4

4.3 SYSTEM BLOCK DIAGRAM

A

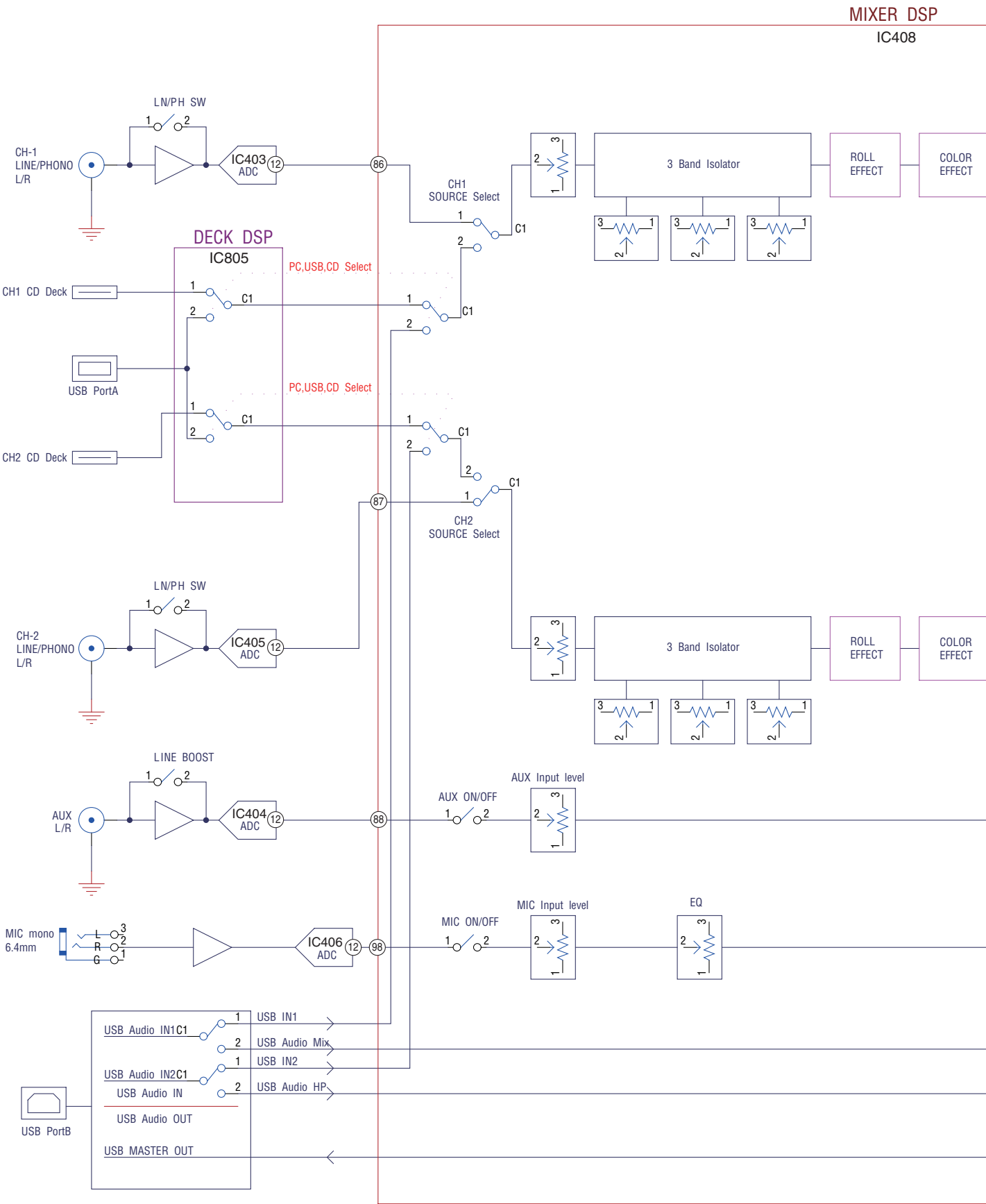
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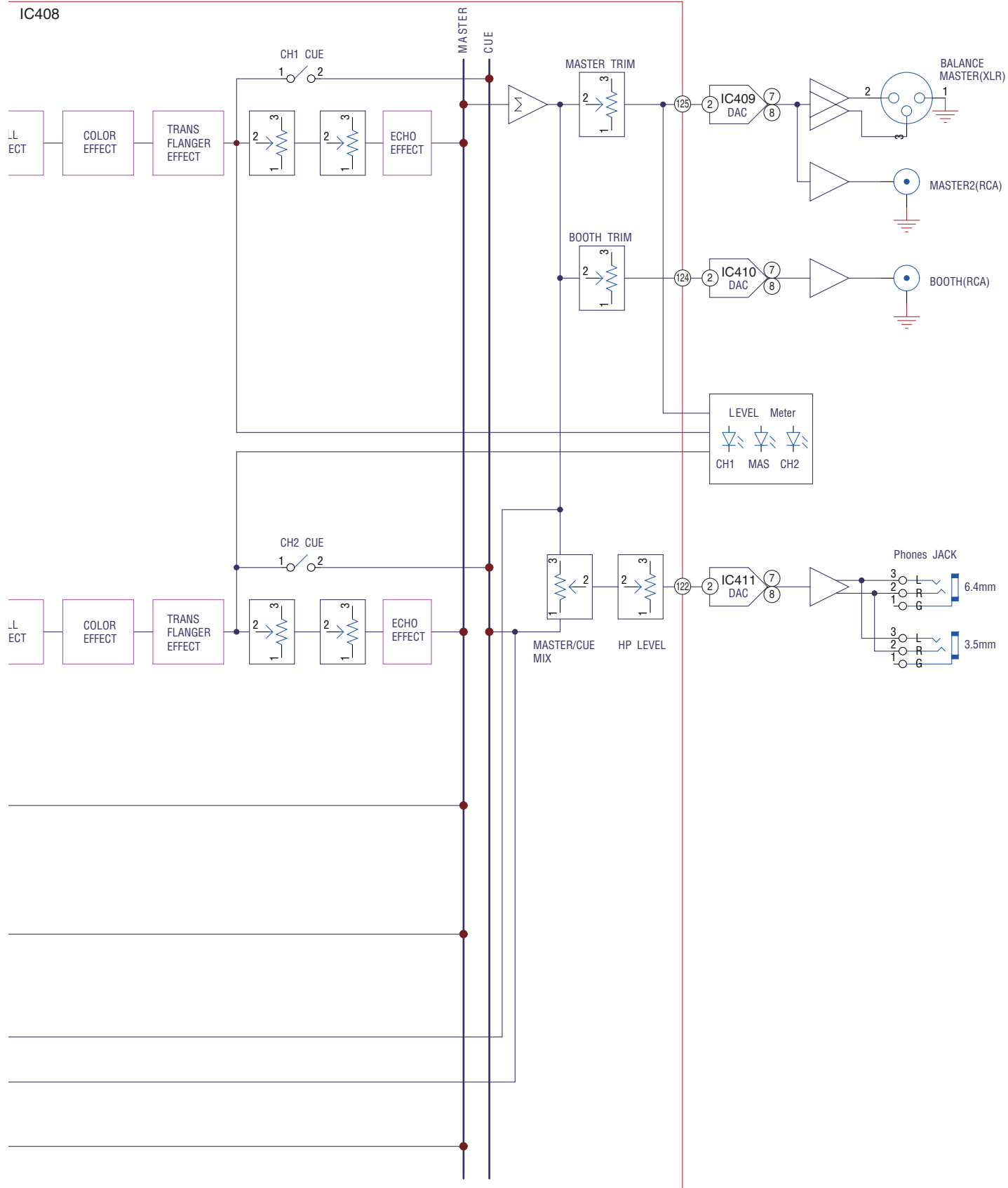
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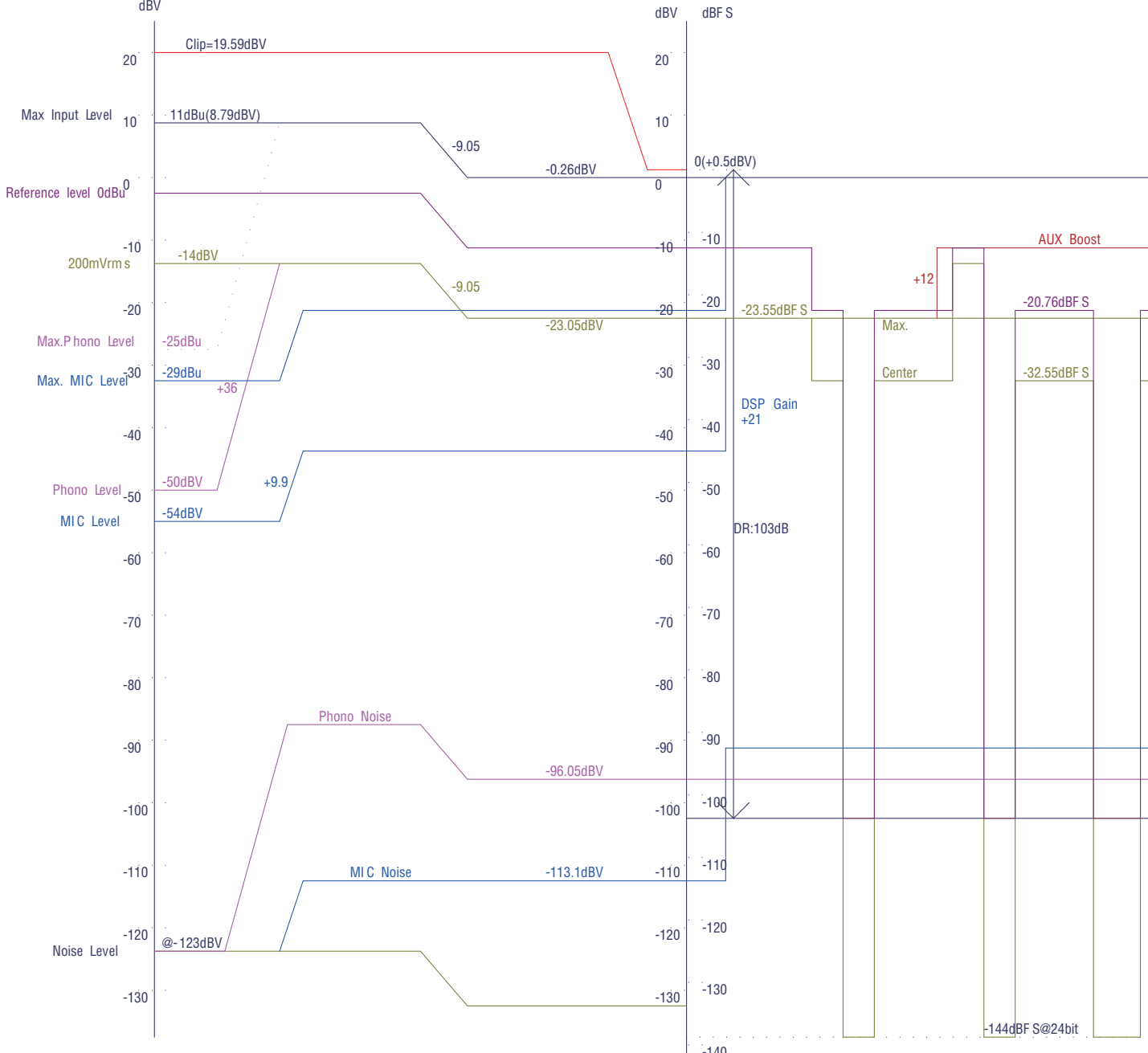
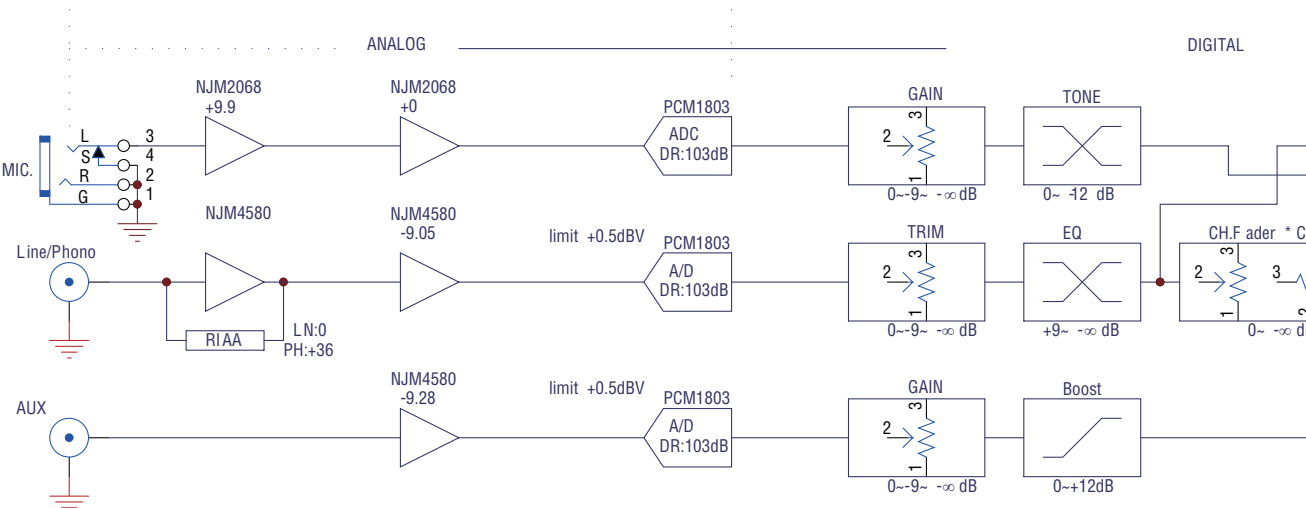


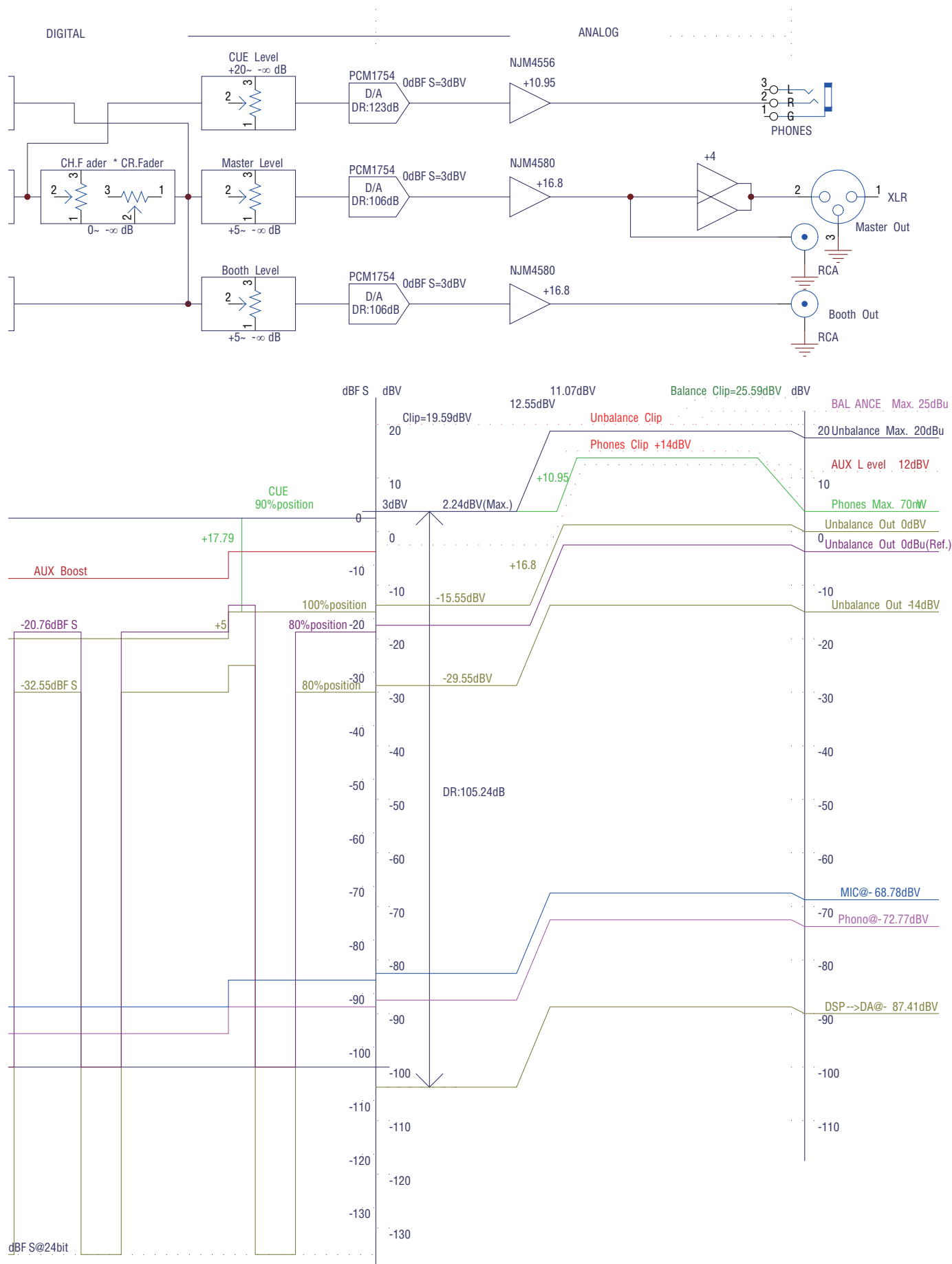
IXER DSP

IC408



4.4 LEVEL BLOCK DIAGRAM





5. DIAGNOSIS

5.1 TROUBLESHOOTING

[1] Power failure

Symptom: SWITCHING POWER is fault.

Diagnostic procedure:

1. Check if SWITCHING POWER CN1: AC 100 V to AC 240 V is normal.
2. Check SWITCHING POWER CN3:
V1 → +7V, V2 → ST5V, V3 → +15V, V4 → -15V, V5 → 6V.
3. Check waveform for SWITCHING POWER, confirm it is correct.
SWITCHING POWER C28 positive to ground is +7V figure (Waveform 1-1).
SWITCHING POWER C47 positive to ground is ST5V figure (Waveform 1-2).
SWITCHING POWER C31 positive to ground is +15V figure (Waveform 1-3).
SWITCHING POWER C24 negative to ground is -15V figure (Waveform 1-4).
SWITCHING POWER C21 positive to ground is +6V figure (Waveform 1-5).
4. If Waveform is abnormal, you could change it.

[2] VFD dose not light

Symptom: VFD module is fault, it is no light-emitting.

Diagnostic procedure:

1. Check waveform for VFD module, you confirm it is correct.
Check CD Assy C112 positive to ground is +Ef figure (Waveform 2-1).
Check CD Assy C112 negative to ground is -Ef figure (Waveform 2-2).
Check CD Assy C103 positive to ground is VH figure (Waveform 2-3).
2. If Waveform is abnormal, you could change it.

[3] LED dose not light

Symptom: LED part is fault, it is no light-emitting.

Diagnostic procedure:

1. Check waveform for LED, you confirm it is correct.
2. It is tested at CD Assy Q102 to Q105 pin C (CH1).
It is tested at CD Assy Q106 to Q112 pin C (CH2).
Waveform for LED ON is figure (Waveform 3-1).
Waveform for LED OFF is figure (Waveform 3-2).
3. If Waveform is abnormal, you could change it.

[4-1] No key functions

Symptom: No key function.

Diagnostic procedure:

1. Check waveform for KEY, you confirm it is correct.
Waveform for KEY OFF is figure (Waveform 4-1)(CH1 → KEY pin 1/CH2 → KEY pin 2).
Waveform for KEY ON is figure (Waveform 4-2)(CH1 → KEY pin 1/CH2 → KEY pin 2).
2. If Waveform is abnormal, you could change it.

[4-2] Rotary selector not controllable

Symptom: Rotary selector of encoder switch is fault.

Diagnostic procedure:

1. Check waveform for rotary encoder, you confirm it is correct.
Waveform for rotary encoder is figure (Waveform 4-3)(CH1 → encoder pin 1/CH2 → encoder pin 3).
2. If Waveform is abnormal, you could change it.

[4-3] Slider volume not controllable

Symptom: Crossfader and channel-fader VR is fault.

Diagnostic procedure:

1. Check waveform for VR, you confirm it is correct.
C802 (CROSSFADER), C807 (CH1 FADER), C806 (CH2 FADER) that positive to ground is VR out.
Waveform for min VR out is figure (Waveform 4-4).
Waveform for max VR out is figure (Waveform 4-5).
2. If Waveform is abnormal, you could change it.

[5] DECK, PHONO/LINE selector switch can not work

Symptom: DECK, PHONO/LINE selector switch is fault.

Diagnostic procedure:

1. Check waveform for DECK, PHONO/LINE selector switch, you confirm switch out is correct.
MIXER Assy C207 (CH1 SW) and C220 (CH2 SW) that positive to ground is switch out.
Waveform for switch on is figure (Waveform [5-2](#)).
Waveform for switch off is figure (Waveform [5-1](#)).
2. If Waveform is abnormal, you could change it.

[6] Jog rotation can not be detected

Symptom: Jog rotation is fault.

Diagnostic procedure:

1. Check waveform for jog rotation circuit, you confirm CD Assy is correct.
2. CD Assy Q100 C pin (CH1) and Q101 C pin (CH2) is figure (Waveform [6-1](#)).
3. If Waveform is abnormal, you could change it.

[7] Jog touch can not be detected

Symptom: Jog touch is fault.

Diagnostic procedure:

1. Check waveform for jog touch circuit, you confirm it is correct.
2. Check Waveform that CD Assy C113 positive to ground, if Waveform is abnormal.
3. Waveform without touch condition is figure (Waveform [7-1](#)).
4. Waveform for touch is figure (Waveform [7-2](#)).

[8] Disc can not be inserted or Ejected

Symptom: CD DECK is fault.

Diagnostic procedure:

1. Check waveform for SERVO Assy IC103 pin 7 LMA (CH1), pin 9 LMB (CH2), you confirm SERVO Assy is correct.
IC103 pin 7LMA (CH1) and pin 9 LMB (CH2) Waveform for insert disc is figure (Waveform [8-1](#)).
IC103 pin 7LMA (CH1) and pin 9 LMB (CH2) Waveform for eject disc is figure (Waveform [8-2](#)).
2. Check SERVO Assy CN102A pins 9 to 12 for CLSW (CH2)/OPSW (CH3)/DISC SW1 (CH1)/DISC SW2 (CH4).
CN102A pin 12 CLSW (CH2), pin 11 PSW (CH3), pin 9 DISC SW1 (CH1), pin 10 DISC SW2 (CH4) waveform for no disc is figure (Waveform [8-3](#)).
CN102A pin 12 CLSW (CH2), pin 11 PSW (CH3), pin 9 DISC SW1 (CH1), pin 10 DISC SW2 (CH4) waveform for eject disc is figure (Waveform [8-4](#)).
CN102A pin 12 CLSW (CH2), pin 11 PSW (CH3), pin 9 DISC SW1 (CH1), pin 10 DISC SW2 (CH4) waveform for insert disc is figure (Waveform [8-5](#)).
3. If Waveform is abnormal, you could change it.

[9] Spindle motor does not rotate

Symptom: CD DECK is fault.

Diagnostic procedure:

1. Check waveform for SERVO Assy IC102 pin 1 (SP-), 2 (SP+), you confirm it is correct.
Waveform for spindle motor is figure (Waveform [9-1](#)).
2. If Waveform is abnormal, you could change it.

[10] No sound input/output from USB

Symptom: The USB audio not activated.

Diagnostic procedure:

1. Check Waveform for I/O Assy IC400 pin 35 (LRCK)(Waveform [10-1](#)), pin 34 (BCK)(Waveform [10-2](#)), pin 44 (MCLKO)(Waveform [10-3](#)), you confirm it is correct.
2. If Waveform is abnormal, you could change it.

A [11] No sound output from MASTER1/MASTER2 (UNBALANCE)

Symptom: The audio output is not activated.

Diagnostic procedure:

1. Check Waveform for I/O Assy IC409 pin 16 (SCK)(Waveform [11-1](#)), pin 1 (BCK)(Waveform [11-2](#)), pin 3 (LRCK)(Waveform [11-3](#)), pin 2 (DATA)(Waveform [11-4](#)), you confirm it is correct.
2. If Waveform is abnormal, you could change it.

[12] No sound output from BOOTH

Symptom: The audio output is not activated.

Diagnostic procedure:

- B
1. Check Waveform for I/O Assy IC410 pin 16 (SCK)(Waveform [12-1](#)), pin 1 (BCK)(Waveform [12-2](#)), pin 3 (LRCK)(Waveform [12-3](#)), pin 2 (DATA)(Waveform [12-4](#)), you confirm it is correct.
 2. If Waveform is abnormal, you could change it.

[13] No sound output from PHONES

Symptom: The audio output is not activated.

Diagnostic procedure:

1. Check Waveform for I/O Assy IC411 pin 16 (SCK)(Waveform [13-1](#)), pin 1 (BCK)(Waveform [13-2](#)), pin 3 (LRCK)(Waveform [13-3](#)), pin 2 (DATA)(Waveform [13-4](#)), you confirm it is correct.
2. If Waveform is abnormal, you could change it.

C [14] No sound input from MIC1/MIC2

Symptom: The audio input is not activated.

Diagnostic procedure:

1. Check Waveform for I/O Assy IC406 pin 15 (SCK)(Waveform [14-1](#)), pin 11 (BCK)(Waveform [14-2](#)), pin 10 (LRCK)(Waveform [14-3](#)), pin 12 (DOUT)(Waveform [14-4](#)), you confirm it is correct.
2. If Waveform is abnormal, you could change it.

D

E

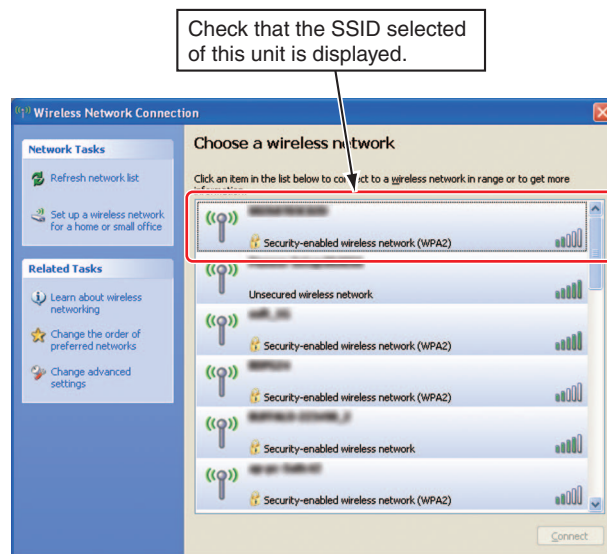
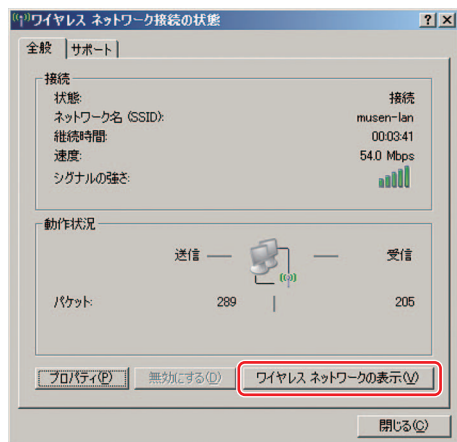
F

5.2 CONFIRMATION OF WIRELESS LAN COMMUNICATION

To confirm wireless LAN communication, confirm the SSID with this unit then confirm the signal with a PC equipped with a wireless LAN device or with a smartphone/tablet PC.

How to Confirm with a PC (Example: Windows XP)

- Click on the wireless network icon on the system tray.
- After the Wireless Network Connection Status dialog box is displayed, select the View Wireless Networks button.
- When the "Choose a wireless network" dialog box is displayed, check that the SSID selected of this unit is displayed.



How to Confirm with a Smartphone/Tablet PC (Example: iPod touch)

- On the top screen of an iPod touch, select Settings.
- Select Wi-Fi (Not Connected)
- Check that the SSID selected of this unit is displayed in the "Choose a Network" box.



5.3 ERROR CODE LIST

A If an error is generated, the error code may be shown on the display, depending on the type of error. The error codes and descriptions of errors are listed below. The track No. at which an error was generated will be also shown on the display.

Error indication	Error contents	Remarks
E-6002	DSP DEVICE ERROR - The DSP does not operate normally. - A program is not downloadable.	ERROR at the time of POWER ON.
E-7024	MAIN CPU ERROR The main Ucom does not operate normally.	It becomes this error, when update of a Ucom goes wrong and the MAIN Ucom operates by an emergency function. ERROR at the time of POWER ON.
E-7201	CANNOT READ DISC TOC data cannot be read.	It does not display, when music is LOAD (ed) from USB.
E-8301	CANNOT READ DISC - A desired address was not able to be searched. - An address cannot be read. - A focal servo cannot be closed. - A pickup does not return to inner circumference.	It does not display, when music is LOAD(ed) from USB. Abnormalities occurred during starting.
E-8302	CANNOT PLAY TRACK - A desired address was not able to be searched. - An address cannot be read. - A focal servo cannot be closed. - FILE OPEN ERR	Abnormalities occurred during playback.
E-8303	CANNOT PLAY TRACK A buffer write-in error.	
E-8304	UNSUPPORTED FILE FORMAT Decoding error.	
E-8305	UNSUPPORTED FILE FORMAT A not corresponding format.	
E-8307	USB ACCESS ERROR Not corresponding USB apparatus was connected.	An unsupported USB device is connected.
E-8709	COMMUNICATION ERROR Communication of "UI Ucom" and "DSP" cannot be performed.	This error code is displayed when no communication is established between the UI Ucom and DPS, because of inappropriate connection, etc. ERROR at the time of POWER ON.
E-9101	MECHANICAL TIMEOUT A mechanical operation could not be completed within the specified time.	

6.1 SERVICE MODE

A

E

- Q

1

□

- F

A **DECK area**

Buttons and volume knobs	Characters shown on the display	Lit-up LED	Note/Remarks
▶/ (PLAY/PAUSE) button	PLAY ▶	▶/ (PLAY/PAUSE) indicator	—————
CUE button	CUE	CUE indicator	—————
SHIFT button	SHIFT	SHIFT indicator	—————
TRACK SEARCH (◀◀) button	TRACK ◀◀	TRACK SEARCH (◀◀) indicator	—————
TRACK SEARCH (▶▶) button	TRACK SEARCH ▶▶	TRACK SEARCH (▶▶) indicator	—————
MODE button	MODE	MODE indicator	—————
CALL button	CALL	CALL indicator	—————
HOT CUE/4-BEAT SAMPLER (A) button	HOT CUE A	HOT CUE/4-BEAT SAMPLER (A) indicator	—————
HOT CUE/4-BEAT SAMPLER (B) button	HOT CUE B	HOT CUE/4-BEAT SAMPLER (B) indicator	—————
HOT CUE/4-BEAT SAMPLER (C) button	HOT CUE C	HOT CUE/4-BEAT SAMPLER (C) indicator	—————
BEAT FX (TRANS) button	TRANS	BEAT FX (TRANS) indicator	—————
BEAT FX (FLANGER) button	FLANGER	BEAT FX (FLANGER) indicator	—————
BEAT FX (ECHO) button	ECHO	BEAT FX (ECHO) indicator	—————
BEAT FX (ROLL) button	ROLL	BEAT FX (ROLL) indicator	—————
TEMPO RANGE button	TEMPO RANGE	TEMPO indicator	—————
MASTER TEMPO button	MASTER TEMPO	MASTER TEMPO indicator	—————
MASTER button	MASTER	MASTER indicator	—————
SYNC button	SYNC	SYNC indicator	—————
TIME (AUTO CUE, QUANTIZE) button	TIME/ACUE	—————	—————
INFO (UTILITY) button	DECK, MIXER1, MIXER2 (Toggle DECK, MIXER1 or MIXER2)	—————	Switch to TIME display mode. DECK: DECK VOL mode MIXER1 & MIXER2: Mixer VOL mode These are always displayed in the upper row of the dot display.
BACK (TOP) button	—————	ALL LED light up.	All VFD light up.
DISC ▲ button	DISC ▲	DISC ▲ indicator	—————
🔌 USB button	🔌 USB	WLAN indicator	(1) are all light up.
📀 CD button	📀 CD	📀 CD indicator	(2) are all light up.
🎹 MIDI button	🎹 MIDI	🎹 MIDI indicator	(3) are all light up.
USB STOP button	USB STOP	USB STOP indicator	—————
AUTO BEAT LOOP control (Turn)	0 to FF (in TRACK of TIME display)	—————	Always displayed on the TIME display VFD.
AUTO BEAT LOOP control (Press)	AUTO BEAT	AUTO BEAT LOOP indicator	—————
BEAT control (Turn)	0 to FF (in MIN of TIME display)	—————	Always displayed on the TIME display VFD.
BEAT control (Press)	BEAT	BEAT indicator	—————
LEVEL/DEPTH control (Turn)	0 to FF (in SEC of TIME display)	—————	Always displayed on the TIME display VFD.
TAP button	TAP	TAP indicator	—————
Rotary selector (SELECT PUSH) (Turn)	0 to FF (in FRAME of TIME display)	—————	Always displayed on the TIME display VFD.
Rotary selector (SELECT PUSH) (Press)	PUSH	—————	—————
JOG dial TOUCH SENSOR	TOUCH	JOG illumination	—————
JOG dial turn (clockwise)	JOG ▶	—————	—————
JOG dial turn (counterclockwise)	◀ JOG	—————	—————
VINYL MODE button	VINYL	VINYL MODE indicator	—————

* Check the operation of TEMPO SLIDER by normal startup.

F **MIXER area**

Buttons and volume knobs	Characters shown on the display	Lit-up LED	Note/Remarks
⌚ (CH1) button	HP CUE CH1	⌚ (CH1) indicator	—————
⌚ (CH2) button	HP CUE CH2	⌚ (CH2) indicator	—————
AUX (ON/OFF) button	AUX	AUX (ON/OFF) indicator	—————
MIC (ON/OFF) button	MIC	MIC (ON/OFF) indicator	—————
USB STOP button	USB STOP	USB STOP indicator	—————
SOUND COLOR FX (PITCH) button	PITCH	SOUND COLOR FX (PITCH) indicator	—————
SOUND COLOR FX (FILTER) button	FILTER	SOUND COLOR FX (FILTER) indicator	—————
SOUND COLOR FX (NOISE) button	NOISE	SOUND COLOR FX (NOISE) indicator	—————
SOUND COLOR FX (CRUSH) button	CRUSH	SOUND COLOR FX (CRUSH) indicator	—————

MIXER area

Buttons and volume knobs	Characters shown on the display	Lit-up LED	Note/Remarks
DECK1, PHONO1, LINE1 selector switch	_____	LEVEL indicator (CH1) (+9 dB, +4 dB)	Relationship between select position and LED is as follows: Left: +9 dB, Right: +4 dB
LINE, PHONO selector switch (CH1)	_____	LEVEL indicator (CH1) (+2 dB, 0 dB)	Relationship between select position and LED is as follows: PHONO: +2 dB, LINE: 0 dB
LINE, POTABLE PLAYER selector switch	_____	LEVEL indicator (CH1)(-12 dB)	Relationship between select position and LED is as follows: 0 dB: -6 dB, 12 dB: -12 dB
DECK2, PHONO2, LINE2 selector switch	_____	LEVEL indicator (CH2) (+9 dB, +4 dB)	Relationship between select position and LED is as follows: Left: +9 dB, Right: +4 dB
LINE, PHONO selector switch (CH2)	_____	LEVEL indicator (CH2) (+2 dB, 0 dB)	Relationship between select position and LED is as follows: PHONO: +2 dB, LINE: 0 dB
CROSS F. CURVE (THRU, $\times$, $\wedge$) (crossfader curve selector switch)	_____	LEVEL indicator (CH2) (-6 dB, -12 dB, -18 dB)	Relationship between select position and LED is as follows: Left: -6 dB, Middle: -12 dB, Right: -18 dB

Switching to the TIME display mode

Each time INFO (UTILITY) button is pressed, the TIME display mode is switched to show the values of VOL, Fader, etc. of the MIXER area.

The display modes to be shown when INFO (UTILITY) button is pressed are listed below.

DECK VOL display mode → MIXER VOL display mode 1 → MIXER VOL display mode 2 → DECK VOL display mode → ...

[CH1]

MIXER VOL display mode 1

Buttons and volume knobs	Characters shown on the display	Lit-up LED	Note/Remarks
TRIM control	0 to FF (in TRACK of TIME display)	_____	Always on TIME display VFD.
EQ (HI) control	0 to FF (in MIN of TIME display)	_____	Always on TIME display VFD.
EQ (MID) control	0 to FF (in SEC of TIME display)	_____	Always on TIME display VFD.
EQ (LOW) control	0 to FF (in FRAME of TIME display)	_____	Always on TIME display VFD.
COLOR control	0 to FF (in TEMPO number display)	_____	Always on TIME display VFD.

MIXER VOL display mode 2

Buttons and volume knobs	Characters shown on the display	Lit-up LED	Note/Remarks
HEADPHONE MIXING control	0 to FF (in TRACK of TIME display)	_____	Always on TIME display VFD.
HEADPHONE LEVEL control	0 to FF (in MIN of TIME display)	_____	Always on TIME display VFD.
MASTER LEVEL control	0 to FF (in SEC of TIME display)	_____	Always on TIME display VFD.
BOOTH MONITOR control	0 to FF (in FRAME of TIME display)	_____	Always on TIME display VFD.
Channel fader (CH1)	0 to FF (in TEMPO number display)	_____	Always on TIME display VFD.

[CH2]

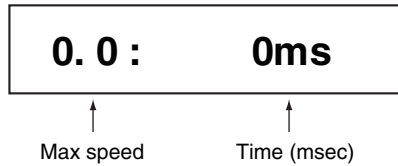
MIXER VOL display mode 1

Buttons and volume knobs	Characters shown on the display	Lit-up LED	Note/Remarks
TRIM control	0 to FF (in TRACK of TIME display)	_____	Always on TIME display VFD.
EQ (HI) control	0 to FF (in MIN of TIME display)	_____	Always on TIME display VFD.
EQ (MID) control	0 to FF (in SEC of TIME display)	_____	Always on TIME display VFD.
EQ (LOW) control	0 to FF (in FRAME of TIME display)	_____	Always on TIME display VFD.
COLOR control	0 to FF (in TEMPO number display)	_____	Always on TIME display VFD.

MIXER VOL display mode 2

Buttons and volume knobs	Characters shown on the display	Lit-up LED	Note/Remarks
AUX LEVEL control	0 to FF (in TRACK of TIME display)	_____	Always on TIME display VFD.
MIC LEVEL control	0 to FF (in MIN of TIME display)	_____	Always on TIME display VFD.
MIC EQ control	0 to FF (in SEC of TIME display)	_____	Always on TIME display VFD.
Crossfader	0 to FF (in FRAME of TIME display)	_____	Always on TIME display VFD.
Channel fader (CH2)	0 to FF (in TEMPO number display)	_____	Always on TIME display VFD.

A 3. JOG dial load measurement mode



- When the TEMPO slider is moved far down to the [+] side during the button and function checking mode, the mode is switched to the JOG dial load measurement mode to show the Max speed and time in the dot matrix.
- When the JOG dial is swiftly rotated, the figures are displayed. The jog dial can be rotated either clockwise or counterclockwise.
- For example, when "8.6: 115" is shown on the display, which indicates as follows:
X 8.6: Maximum speed (X1 is defined as 1.8 second required for one revolution.)
115: Time (msec) required to lower the revolution speed from X3 to X1.5
- In order to measure the time to lower the rotation speed, the maximum speed of the jog wheel should be X7.0 or more.
- When time is measured several times in a row, up to the fourth largest msec among the several times of measurement other than the first one is averaged.

4. CD drive diagnostic mode

- When the unit is powered on while the TIME and HOT CUE A buttons of DECK 1 are pressed simultaneously, this mode starts after the "TEST MODE" is displayed in the dot display area.
- This mode is comprised of the following 2 modes:

CD drive performance mode

- Mode to measure servo's basic actions such as set up, play, pause and track search and error rate.
- Before the CD drive diagnostic mode starts, this mode is first displayed.

Test performance mode

- This mode can precisely control servo's actions step by step.

* Commands in this diagnostic mode are for testing mainly the mechanism and servo systems but not for testing the DJ functions, such as SCAN and TEMPO.

Function	Buttons on the unit	Function	Buttons on the unit
<CD drive performance mode> Play (trace) / Pause Track Search F/R Eject Mode Change	►/ (PLAY/PAUSE) TRACK SEARCH ◀◀, ▶▶ DISC ▲ MASTER TEMP	<Test performance mode> Servo All Off (Stop) LD On/Off Focus On Spindle Kick, Tracking On/Off Tracking Off Slide FWD (2 mm) Slide REV (2 mm) Pickup Up/Down Mode Change	INFO (UTILITY) TEMPO BEAT FX (TRANS) BEAT FX (FLANGER) BEAT FX (ECHO) TRACK SEARCH ▶▶ TRACK SEARCH ◀◀ BEAT FX (ROLL) MASTER TEMPO

Commands of the CD drive performance mode

Play (trace) / Pause (►/|| (PLAY/PAUSE))

- If the CD drive is in stopped state, it is set up to start playback.
- When a track is playing, each time the button is pressed, the track is alternately paused and played.
- The current playing address is displayed in the time display.

Track Search F/R (TRACK SEARCH ◀◀, ▶▶)

- A track displayed is searched clockwise or counterclockwise and paused.

Eject (DISC ▲)

- A Disc is ejected.

Mode Change (MASTER TEMPO)

- When the MASTER TEMPO button is pressed in the CD drive performance mode, the MASTER TEMPO's LED lights up and shifted to Test performance mode.

Commands of Test performance mode

This mode can precisely control servo's actions step by step.

Cautions for the usage of the Test performance mode because it could damage the CD drive if it is not used properly.

Servo All Off (INFO (UTILITY))

- When the INFO (UTILITY) button is pressed while servo is on, all the servo is off and [ALL OFF] is displayed on the dot display area.

LD On/Off (TEMPO)

- When the TEMPO button is pressed, LD (Laser diode) is alternately turned on and off and [LD ON] or [LD OFF] is displayed in the dot display area.

Focus On (BEAT FX (TRANS))

- When the BEAT FX (TRANS) button is pressed during PAUSE, LD is turned on and automatically focused and [FCS ON] is displayed in the dot display area.

Spindle Kick, Tracking On/Off (BEAT FX (FLANGER))

- When the BEAT FX (FLANGER) button is pressed while tracking servo is off, spindle kick is performed, auto adjustment and tracking servo are turned on and [TRK ON] is displayed in the dot display area.
- When the BEAT FX (FLANGER) button is pressed while tracking servo is on, tracking servo is turned off and [TRK OFF] is displayed in the dot display area.

Tracking Off (BEAT FX (ECHO))

- When the BEAT FX (ECHO) button is pressed while tracking servo is on, tracking servo is turned off and [TRK OFF] is displayed in the dot display area.

Slide FWD (TRACK SEARCH ►►)

- When the TRACK SEARCH ►► button is pressed while tracking servo is on, tracking servo is turned off and the slider is moved approximately 2 mm in FWD direction and [SLD FWD] is displayed in the dot display area.

Slide REV (TRACK SEARCH ◄◄)

- When the TRACK SEARCH ◄◄ button is pressed while tracking servo is on, tracking servo is turned off and the slider is moved approximately 2 mm in REV direction and [SLD REV] is displayed.

Pickup UP/DOWN (BEAT FX (ROLL))

- When the BEAT FX (ROLL) button is pressed during STOP, LD is turned on, the pick-up is moved up and down with the focus continued, and [PU UP/DN] is displayed in the dot display area.

Mode Change (MASTER TEMPO)

- When the MASTER TEMPO button is pressed in Test performance mode, MASTER TEMPO LED is turned off and shifted to PLAYER performance mode.

* To start up the unit in Test mode in steps, input the commands in the following order: "Servo All Off," "Focus On," then "Spindle Kick, Tracking On."

5. Version checking mode

- When the MODE (HOT CUE/4-BEAT SAMPLER) button is pressed and held for approximately 10 seconds in the normal usage conditions, this mode starts and the current version is displayed in the dot display area.
- When the CALL button is pressed, the following versions are toggled to be displayed.

(1) Ver.	1.00	SYSTEM version
↓		
(2) DSP	1.00	DSP version
↓		
(3) SERVO	1.00	SERVO version
↓		
(4) MIXER	1.00	MIXER version
↓		
(5) CON	1.00	UI version
↓		
(6) VFD	1.00	VFD version

6. Error history display mode

- When the TRACK SEARCH ►► or ◄◄ button is pressed while the version of SYSTEM is displayed, the latest 16 errors in history are shown.
- MEDIA name (USB/CD) where an error occurs is displayed in the upper row of the dot display and the error number is in the lower row.
- The history can be reset by performing Factory Reset.

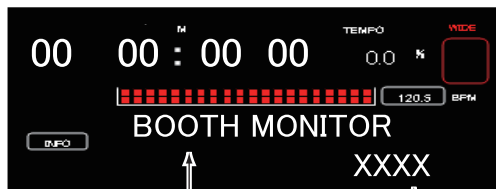
Error numbers to be memorized

Error No.	Error name	Error details
E-7201	CANNOT READ DISC	TOC data cannot be read.
E-8301	CANNOT READ DISC	- Failed to search the address you are looking for. - Cannot read the address. - Cannot close the focus servo. - Pickup does not return to the inner perimeter.
E-8302	CANNOT PLAY TRACK	- Failed the search of the address you are looking for. - Cannot read the address. - FILE OPEN ERR.
E-8303	CANNOT PLAY TRACK	Buffer under-run error.
E-8304	UNSUPPORTED FILE FORMAT	MP3 DECODE ERROR.
E-8305	UNSUPPORTED FILE FORMAT	UNSUPPORTED FILE.
E-9101	MECHANICAL TIME OUT	Mechanical error in disc loading (Time out).

7. displaying A/D values mode

- When the unit is powered on while the TIME and HOT CUE B buttons of DECK 1 are pressed simultaneously, this mode starts (STEP No. 0).

No.	Step	Detail
0	Select the mode.	Start the mode of displaying A/D values.
1	Start measuring.	Press the SYNC button, SYNC indicator lights up, and Start measuring.
2	Set the initial value.	About all VRs Stores the average of 8 times value that was read at this time. This is the initial value.
3	measuring.	About all VRs Reading the value (absolute value) of the difference between the initial value stored in the "2", and stores the largest.
4	Check measurements.	Rotate "SELECTOR", FL (CH1) display the name of VR (PITCH1_1) and the maximum value of VR "PITCH1_1" that stored in the "3". FL (CH2) display the name of VR (PITCH2_1) and the maximum value of VR "PITCH2_1" that stored in the "3". FL display is shown in the table below will change A, B, C.....M, A, B,... By clockwise rotation. By counterclockwise rotation, M,L,K,.....A,M,...
5	Finish measuring.	Press the SYNC button, SYNC indicator lights off, and finish measuring.



The VR name that is indicated

Maximum value

Table. Which VR is displayed

	CH1 FL	CH2 FL
A	PITCH1_1	PITCH2_1
B	PITCH1_2	PITCH2_2
C	DEPTH_1	DEPTH_2
D	CH1_TRIM	CH2_TRIM
E	CH1_HI	CH2_HI
F	CH1_MID	CH2_MID
G	CH1_LOW	CH2_LOW
H	CH1_FILTER	CH2_FILTER
I	CH1_FADER	CH2_FADER
J	H.P.LEVEL	AUX LEVEL
K	H.P.MIXING	MIC LEVEL
L	CROSS FADER	MIC EQ
M	MASTER LEVEL	BOOTH MONITOR

8. Center setting for the controls

The center position of a knob is determined by Power ON, using the position of a center click of the following knobs and pushing the TIME and TRACK SEARCH ►►I buttons of DECK1 and DECK2.

Before performing center setting, be sure to set the controls to their center positions.

EQ (HI, MID, LOW)
COLOR
HEADPHONES MIXING
LEVEL/DEPTH
MIC EQ

9. Factory reset

- When DECK1 is powered on while the TIME and BACK buttons are simultaneously pressed, [ERASE] is displayed in the dot display.
The following settings are reset to factory default or all cleared.
- The letters of [ERASE] are continuously displayed until the power is turned off.

UTILITY settings (DECK1 and 2)

Wi-Fi related: It is the same as that of the case where YES of UTILITY (WLAN) RESET TO DEFAULT is chosen.

MIXER MODE : XDJ-R1
A.CUE LEVEL : -60 dB
SAMPLE LEVEL : 50
CROSS FADER START : OFF
TOUCH SENSE LEVEL (DECK1) : 0
TOUCH SENSE LEVEL (DECK2) : 0
AUTO STANDBY : 20 min
DEMO MODE : OFF

DECK settings (DECK1 and 2)

TIME MODE : REMAIN
AUTO CUE : OFF
TEMPO RANGE : ±10 %
MASTER TEMPO : OFF
QUANTIZE : ON
Vinyl MODE : OFF
HOT CUE/SAMPLER MODE : HOT CUE

Clear all

ERR History
DISC MEMORY HOT CUE
SAMPLER

10. FIRMWARE UPDATE

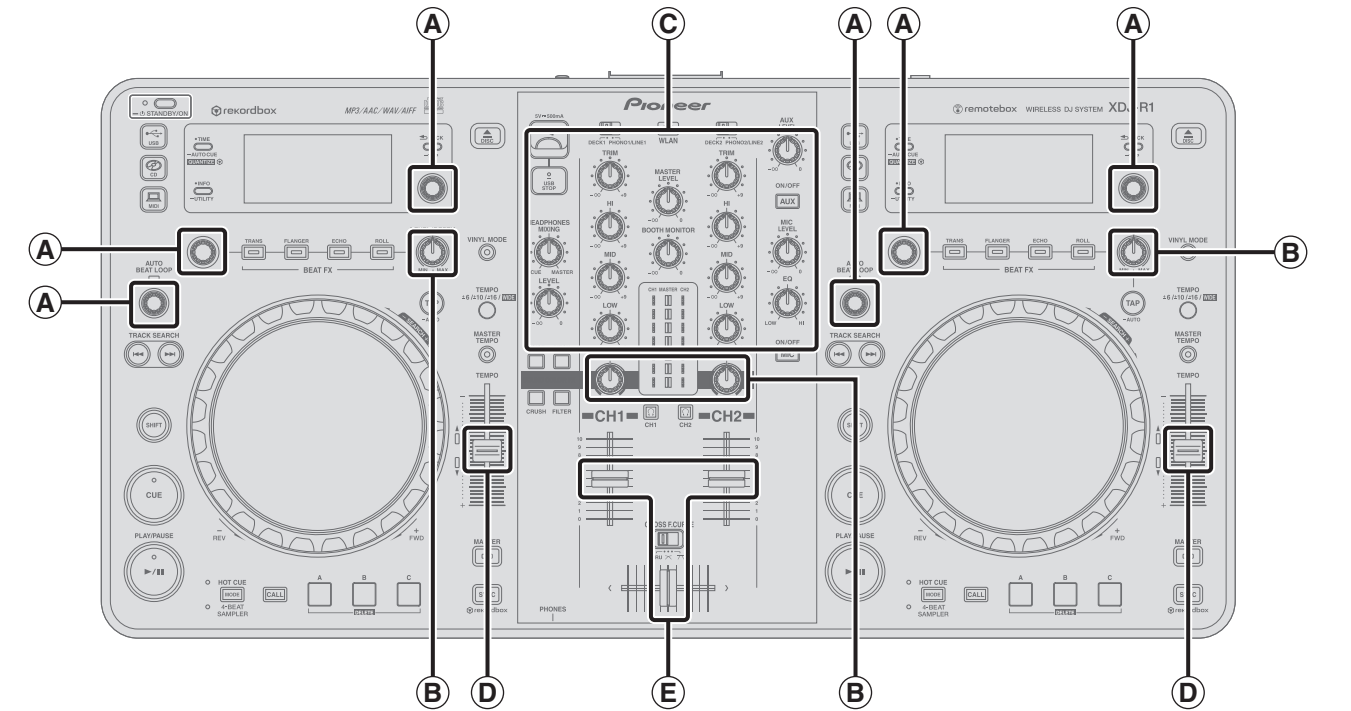
Refer to "8.2 UPDATING OF THE FIRMWARE".

1 2 3 4

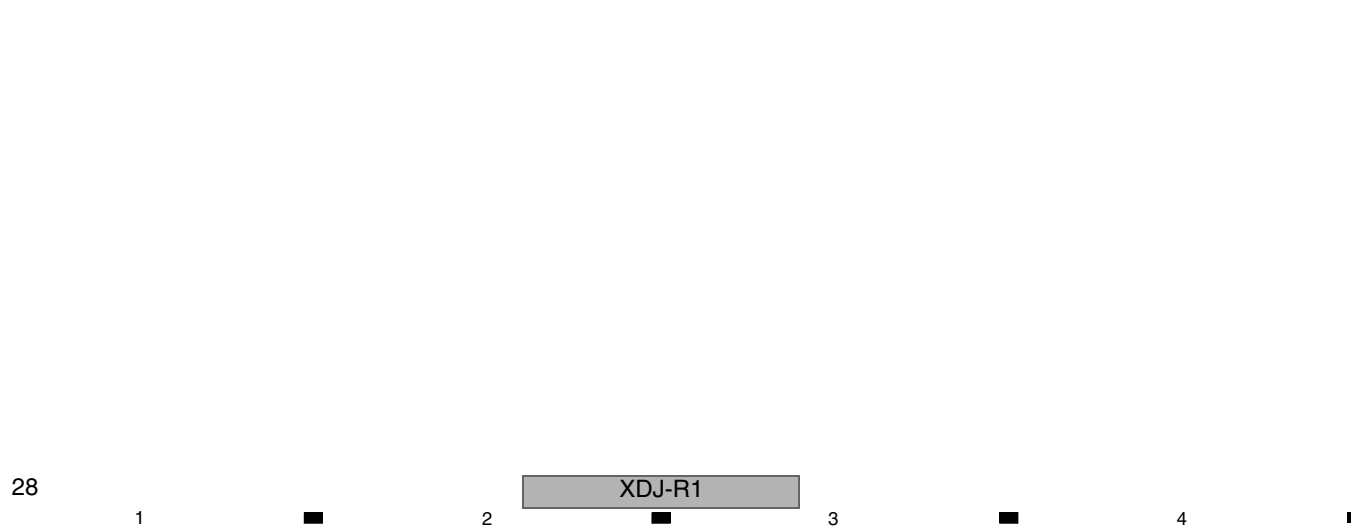
7. DISASSEMBLY

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

Knobs and Volumes Location



- A** 100-COMBO-2962 x6
- B** 100-DJM100-2826-HA x4
- C** 100-DJM250-2826-HA x15
- D** 100-CMX4-2906-HA x2
- E** 100-22-2824-HA x3

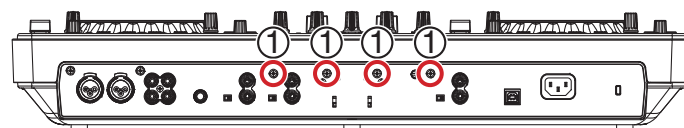
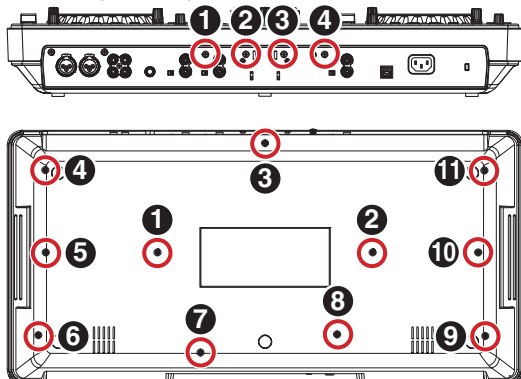


Disassembly

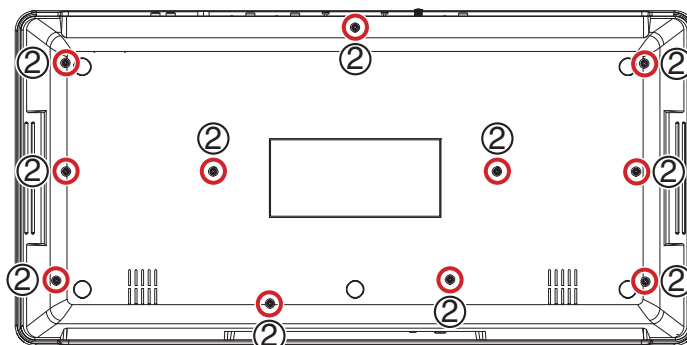
[1] Control Panel Section

- (1) Remove the four screws.
(602-ISO308-735B)
- (2) Remove the 11 screws.
(602-DJ3000-272)

Screw tightening order

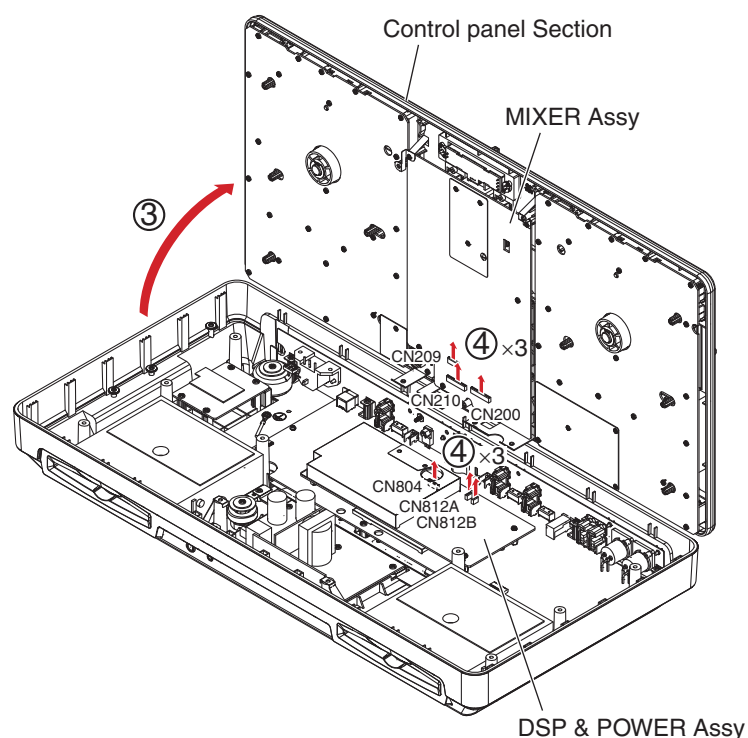


• Rear view



• Bottom view

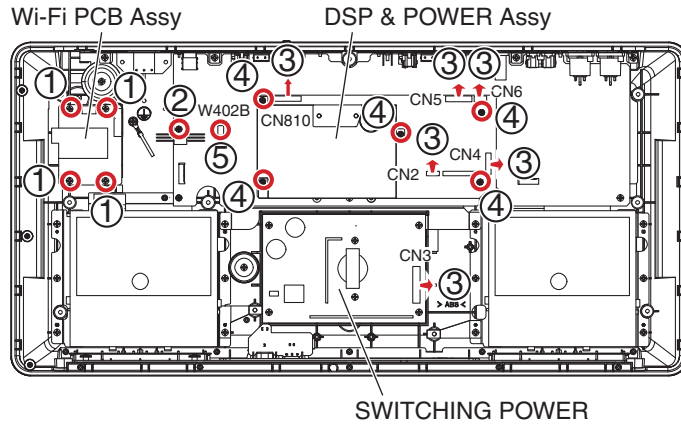
- (3) Remove the Control panel Section.
- (4) Disconnect the three flexible cables and three connectors.
(CN200, 209, 210, 804, 812A, 812B)



A [2] Wi-Fi PCB, DSP & POWER, I/O, PHONES Assemblies SWITCHING POWER and SLOT-IN FEEDER MECHA Assy

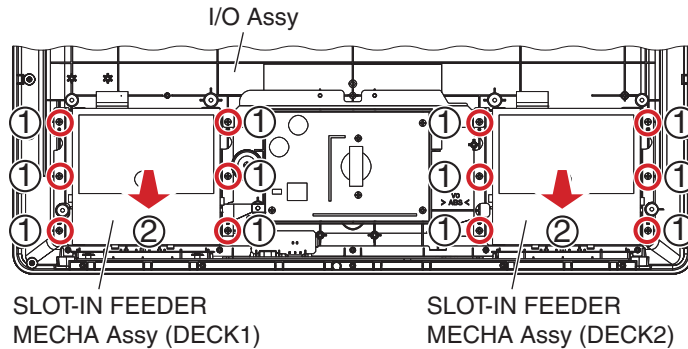
[2-1] Wi-Fi PCB and DSP & POWER Assemblies

- (1) Remove the Wi-Fi PCB Assy by removing the four screws.
(602-DJ5500-452)
- (2) Release the clamp by removing the one screw.
(602-SA12-380)
- (3) Disconnect the one flexible cable and five connectors.
(CN2 to 6, 810)
- (4) Remove the DSP & POWER Assy by removing the five screws.
(602-SA12-380)
- (5) Remove the solder of jumper wire.
(W402B)



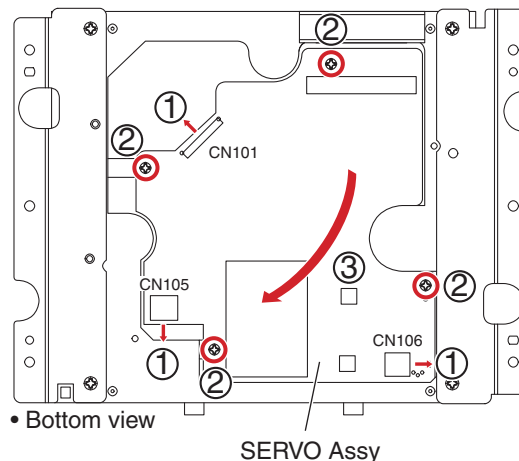
C [2-2] SLOT-IN FEEDER MECHA Assy

- (1) Remove the 12 screws.
(602-DJ5500-452)
- (2) Remove the two SLOT-IN FEEDER MECHA Assemblies.



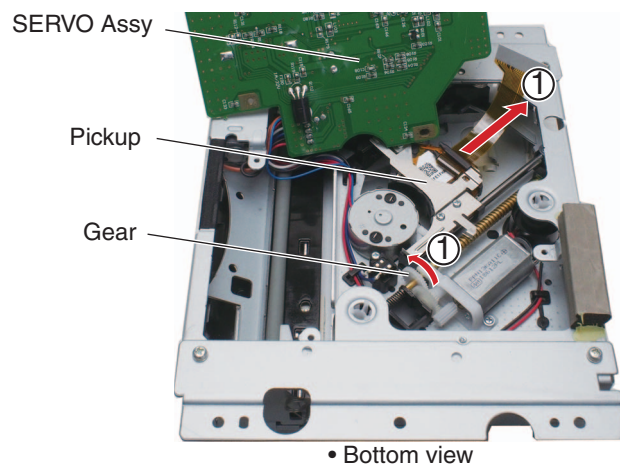
[2-3] SERVO Assy

- (1) Disconnect the one flexible cable and two connectors.
(CN101, 105, 106)
- (2) Remove the four screws.
(602-DD2220-301)
- (3) Remove the SERVO Assy.

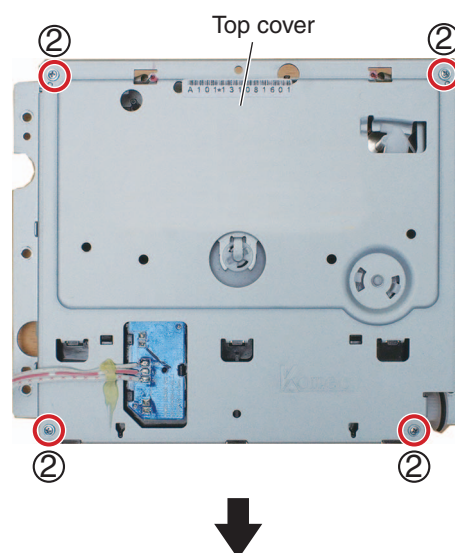


• Cleaning

- (1) Turn the gear to the arrow direction of the figure with finger.
(Pickup moves to a periphery.)



- (2) Remove the four screws.



- (3) Remove the top cover.
Caution:
Work not to transform two springs.

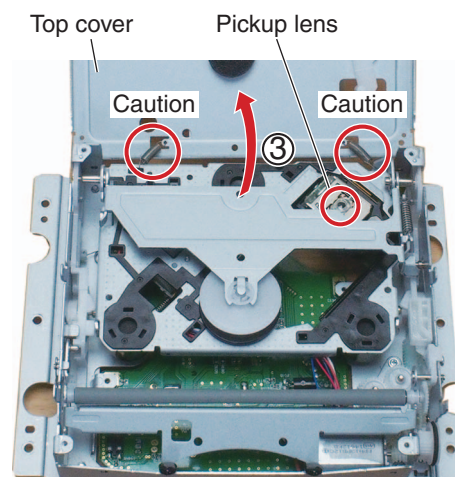
Cleaning the pickup lens



Clean the pickup lens when it is stained, using the following cleaning materials:

Cleaning liquid : GEM1004

Cleaning paper: GED-008

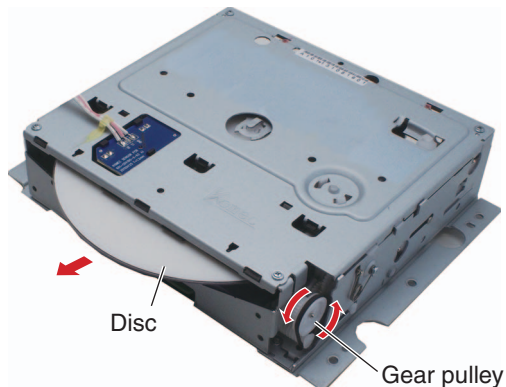


A • **Method to perform forced ejection of a disc**

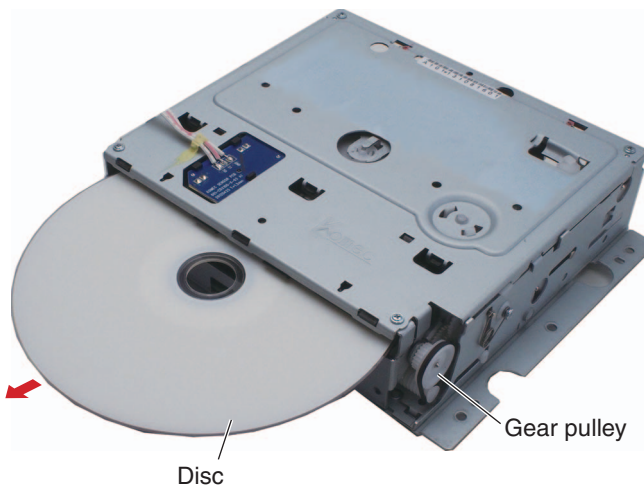
Turn the gear pulley to the arrow direction of the figure with finger.



C The disc comes out when you continue turning gear pulley.



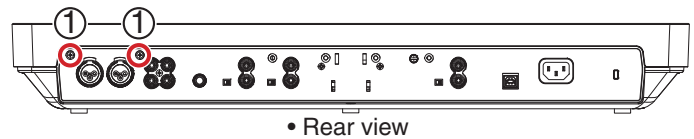
Pull out the disc out by hand.



[2-4] I/O Assy

• Rear board Assy Section

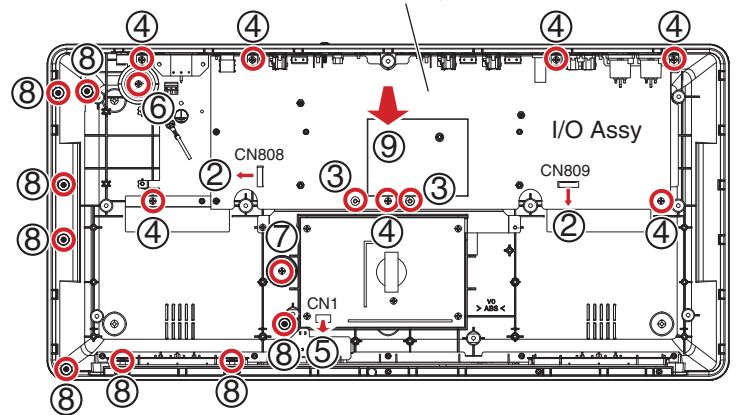
- (1) Remove the two screws.
(602-ISO308-735B)



Bisogna smontare anche le 2 meccaniche

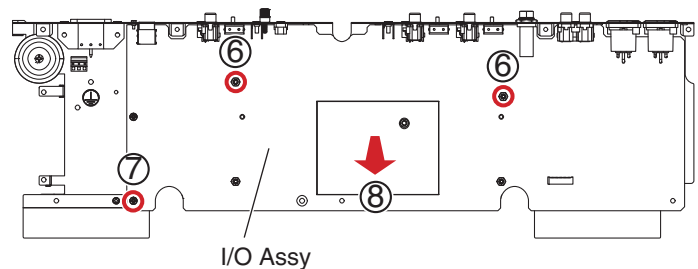
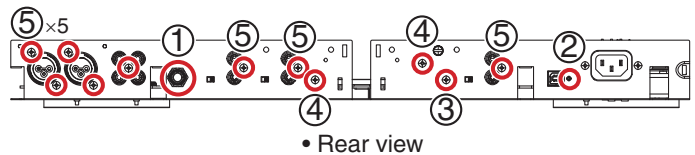
Rear board Assy Section

- (2) Disconnect the two flexible cables.
(CN808, 809)
- (3) Remove the two screws.
(602-DJ5500-452)
- (4) Remove the seven screws.
(602-DJ5500-452)
- (5) Disconnect the one connector.
(CN1)
- (6) Remove the ferrite core by removing the one screw.
(602-SA12-380-HA)
- (7) Remove the ferrite core by removing the one screw.
(602-MK7-131-HA)
- (8) Remove the jumper wire by removing the eight screws.
(602-DV300-5023)
- (9) Remove the Rear board Assy Section.



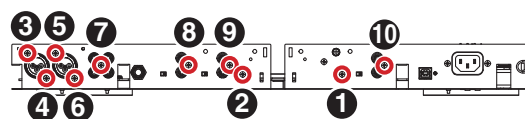
• I/O Assy

- (1) Remove the one nut.
- (2) Remove the one screw.
(602-DD2220-301)
- (3) Remove the one screw, one nut and one washer.
(602-ISO308-735B)
- (4) Remove the two screws.
(602-ISO308-735B)
- (5) Remove the eight screws.
(602-PTS308-732B)
- (6) Remove the two screws.
(602-SA12-377)
- (7) Remove the one screw.
(602-SA12-380)
- (8) Remove the I/O Assy.



Screw tightening order

The other screws are random order.

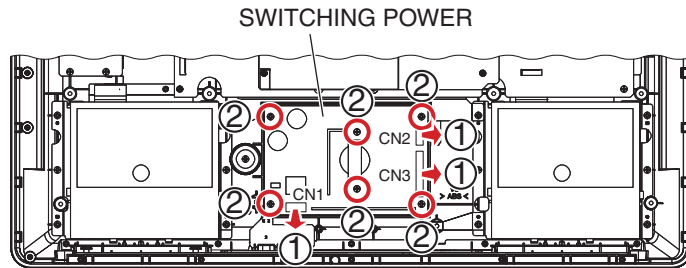


A [2-5] SWITCHING POWER

Note:

When you remove SWITCHING POWER, it is not necessary to remove the other PCB Assemblies.

- (1) Disconnect the three connectors.
(CN1 to 3)
- (2) Remove the SWITCHING POWER by removing the six screws.
(602-DJ5500-452)

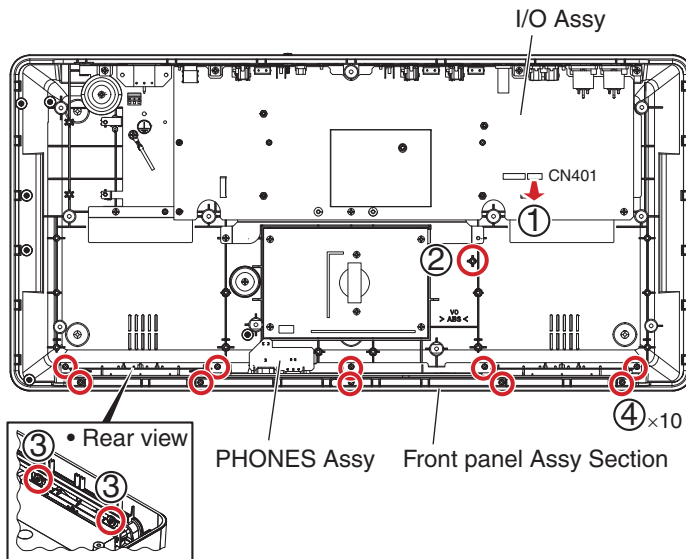


B [2-6] PHONES Assy

Note:

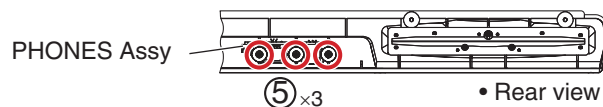
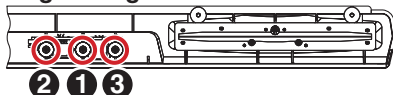
- C When you remove PHONES Assy, remove SLOT-IN FEEDER MECHA Assy first.

- (1) Disconnect the one connector.
(CN401)
- (2) Release the jumper wires.
- (3) Release the jumper wires by removing the two screws.
(602-DV300-5023)
- (4) Remove the Front panel Assy Section by removing the 10 screws.
(602-SL24F-099)



- D (5) Remove the PHONES Assy by removing the three screws.
(602-DV300-5023)

Screw tightening order

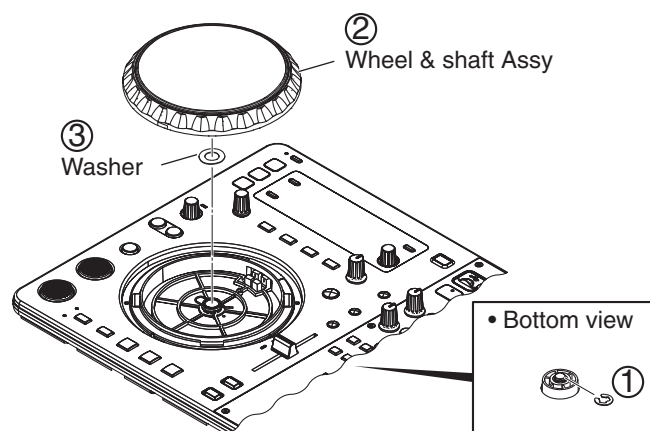


[3] Jog dial Section

Note:

A figure is only left DECK side, but the right side is similar, too.

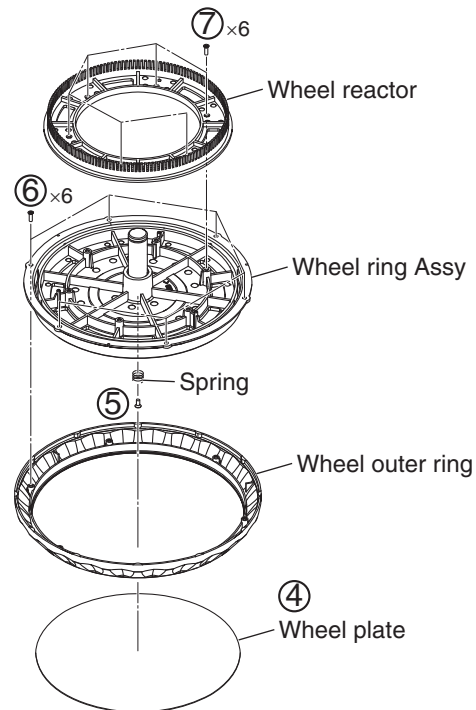
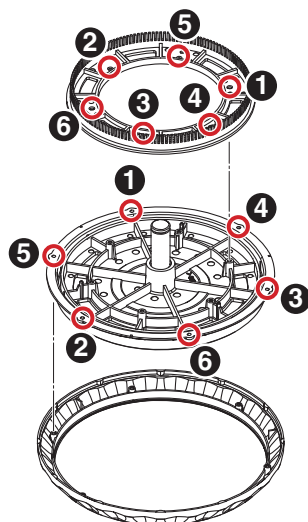
- (1) Remove the one E ring.
- (2) Remove the Wheel & shaft Assy.
- (3) Remove the one washer.



(This part is supplied in Assy, and after that be reference information.)

- (4) Remove the Wheel plate.
- (5) Remove the Spring by removing the one screw. (602-ST52003-677)
- (6) Remove the Wheel ring Assy by removing the six screws. (602-A700-494)
- (7) Remove the Wheel reactor by removing the six screws. (602-A700-494)

Screw tightening order



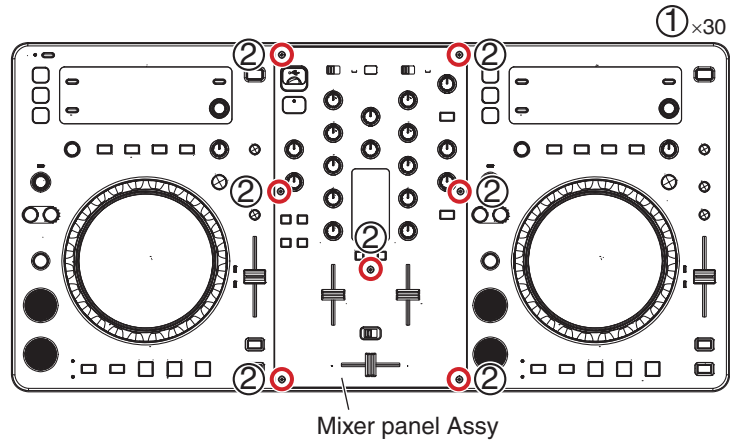
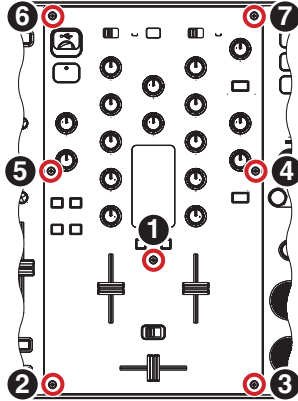
A [4] Fader Section, MIXER, USB and CD Assemblies

Note: When you remove each PCB Assemblies, it is not necessary to remove the Jog dial Section.

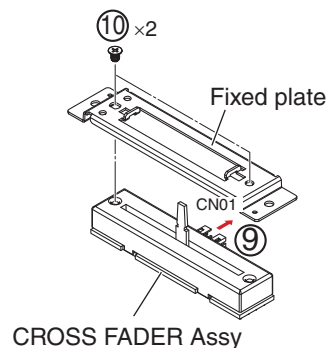
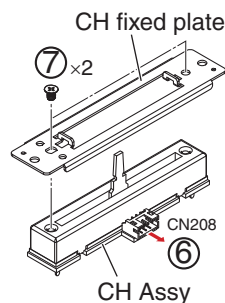
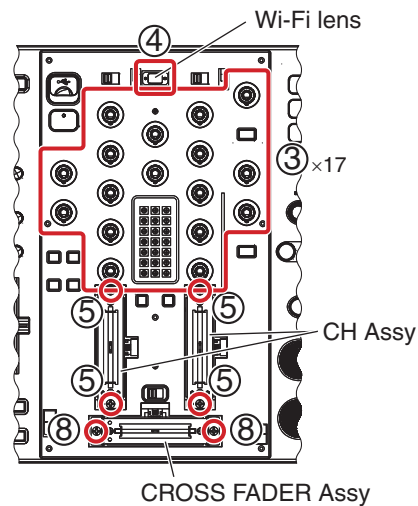
[4-1] Fader Section

- (1) Remove the all knobs.
- (2) Remove the Mixer panel Assy by removing the seven screws.
(602-PTF2609-710B)

Screw tightening order

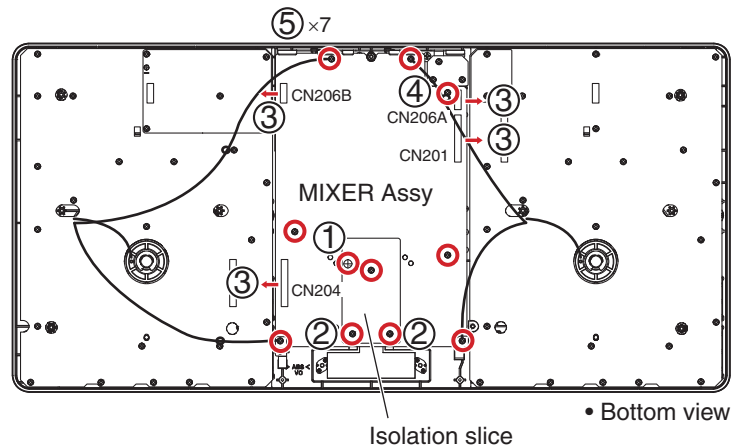


- (3) Remove the 17 nuts and 17 washers.
- (4) Remove the Wi-Fi lens.
- (5) Remove the two CH Assemblies by removing the four screws.
(602-DJ5500-452)
- (6) Disconnect the one connector.
(CN208)
- (7) Remove the CH fixed plate by removing the two screws.
(602-SA12-414)
- (8) Remove the CROSS FADER Assy by removing the two screws.
(602-SA12-380)
- (9) Disconnect the one connector.
(CN01)
- (10) Remove the Fixed plate by removing the two screws.
(602-SA12-414)



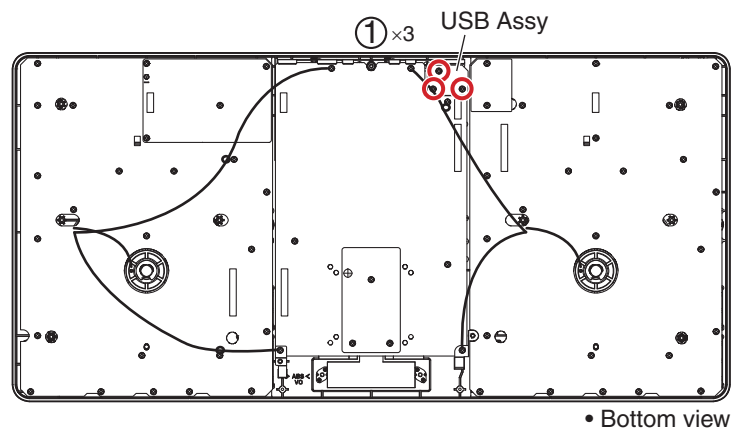
[4-2] MIXER Assy

- (1) Remove the one clip.
- (2) Remove the Isolation slice by removing the two screws.
(602-MK8-604)
- (3) Disconnect the four flexible cables.
(CN201, 204, 206A, 206B)
- (4) Remove the one screw and one washer.
(602-MK8-604)
- (5) Remove the MIXER Assy by removing the seven screws.
(602-MK8-604)



[4-3] USB Assy

- (1) Remove the USB Assy by removing the three screws.
(602-MK8-604)

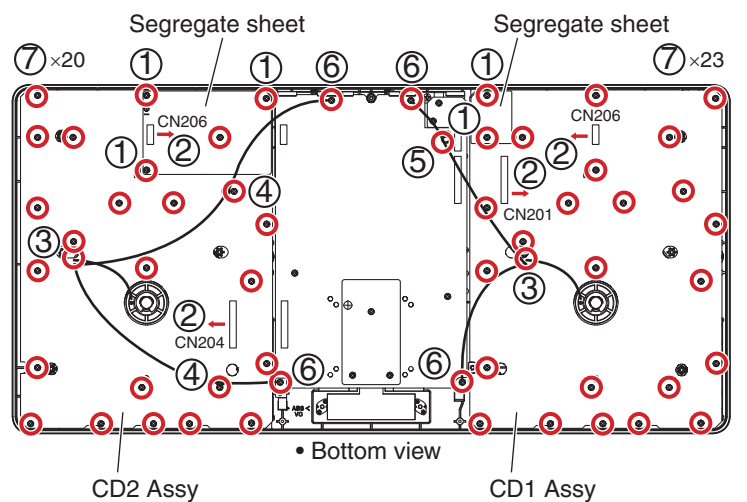


[4-4] CD Assy

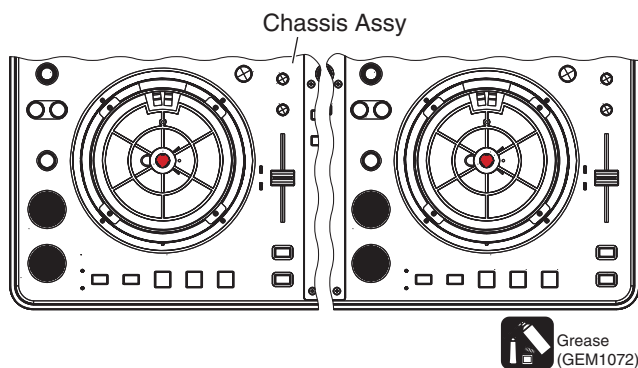
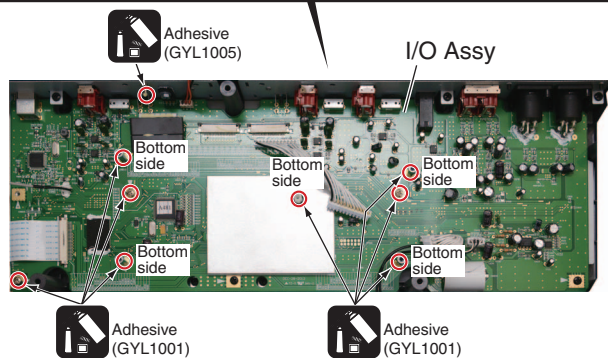
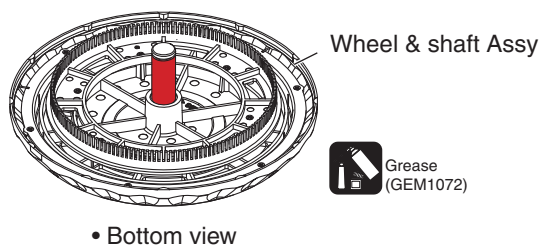
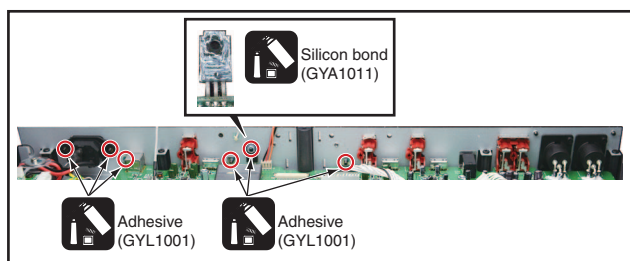
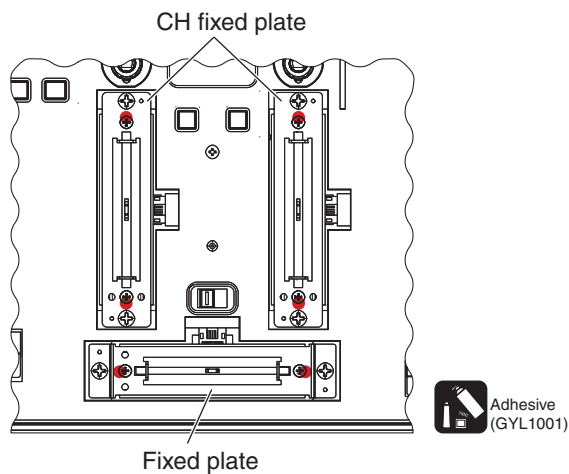
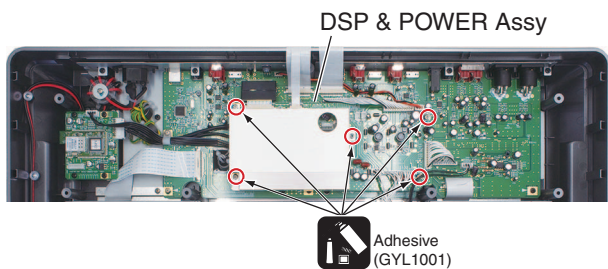
Note:

When you remove CD1 and 2 Assemblies, it is not necessary to remove the MIXER Assy.

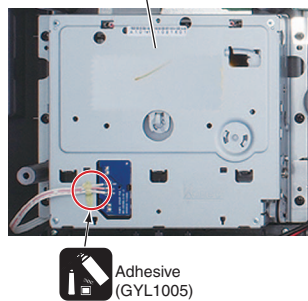
- (1) Remove the two Segregate sheets by removing the five screws.
(602-MK8-604)
- (2) Disconnect the four flexible cables.
(CN201, 204, 206)
- (3) Remove the two solders.
- (4) Remove the two screws and two washers.
(602-MK8-604)
- (5) Release the jumper wires.
- (6) Remove the four screws.
(602-MK8-604)
- (7) Remove the CD1 and 2 Assemblies by removing the 43 screws.
(602-MK8-604)



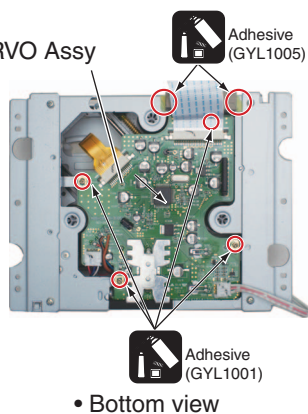
A The Application Position of Adhesive and Grease



SLOT-IN FEEDER MECHA Assy



SERVO Assy



8. EACH SETTING AND ADJUSTMENT

8.1 NECESSARY ITEMS TO BE NOTED

Please update firmware to the latest version at the repair necessarily.

Perform the each item when the following parts are replaced.

- IC storing firmware and PCB Assy



- Confirmation of the version of the firmware
- Updating to the latest version of the firmware

* The firmware storage IC information is as follows.

Target Firm ware	Storage IC		PCB Assy
	Device Name	Ref No.	
DSP (DSP Version)	DSP IC (Flash ROM)	IC803	DSP & POWER Assy
SERVO (SERVO Version)	SERVO/MIXER IC (CD MCU)	IC812	I/O Assy
MIXER (MIXER Version)			
CON (UI Version)	CONTROL IC (UI MCU)	IC200	MIXER Assy
VFD (VFD Version)	VFD IC (VFD MCU)	IC207	

- When replaced WHEEL Assy



- Confirmation of the specified value by the JOG dial load measurement mode

- VRs with center click positions



- Perform "8. Center setting for the controls" in "6. SERVICE MODE."

* The VRs with center click positions are listed below.

VR Name		Ref No.	PCB Assy
CH1	EQ-LOW	VR200	MIXER Assy
	EQ-MID	VR204	
	EQ-HI	VR205	
	COLOR	VR217	
CH2	EQ-LOW	VR208	
	EQ-MID	VR215	
	EQ-HI	VR213	
	COLOR	VR216	
HEADPHONES MIXING		VR202	
MIC EQ		VR209	
PLAYER1	LEVEL/DEPTH	VR100	CD1 Assy
PLAYER2	LEVEL/DEPTH	VR100	CD2 Assy

After the IC812 (SERVO/MIXER IC), I/O Assy, or Wi-Fi PCB Assy is replaced, the SSID will be changed.
 (As for the Wi-Fi PCB Assy, the SSID will be changed when resetting to factory default is performed after replacement.)
 When returning the repaired product to the customer, be sure to tell the customer that resetting of the wireless LAN connection will be required.

8.2 UPDATING OF THE FIRMWARE

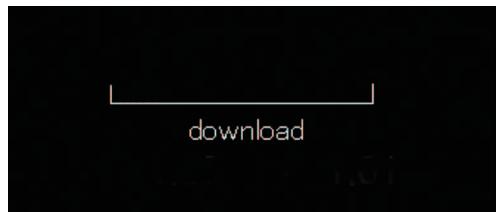
A [Preparations]

- ① Download the zipped updater file for the latest firmware from Niis.
- ② Unzip the downloaded file.
Unzipping the ZIP file generates the "XDJ-R1Vxxx.bin". (xxx: version number)
- ③ Copy an unzip file to a root folder of USB device.
Use USB device formatted in FAT/FAT32.

B [Procedure]

- ① The unit where no MEDIA is inserted is powered on while the USB and SHIFT and USB STOP button of DECK 1 are pressed.
The buttons should be continuously pressed until [download] is displayed in the dot display area.
- ② The firmware is copied to a USB device formatted to FAT/FAT32 and inserted to the unit.
Note: Be sure not to store multiple updater files in one USB device.
- ③ The following display is shown during the update.

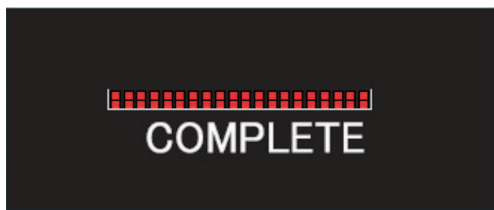
DOWNLOAD MODE



Update progress is displayed in Playing Address Section.



When the update is completed, the following display appears.



- ④ After updating is completed, turn the unit off, unplug the USB device, then turn the unit back on.
- ⑤ Check in Version Check mode of Service mode to verify that updating succeeded.

* A version down is possible.

Firmware update recovery when it is failed:

- If the firmware update is failed in such a case as turning off the power in the middle of the update, any subsequent control is not available.
- When Error code E-7024 appears, recovery mode starts to continue the update again if appropriate USB update procedures are taken.

8.3 USER SETTABLE ITEMS

The following setting is stored to an applicable IC.

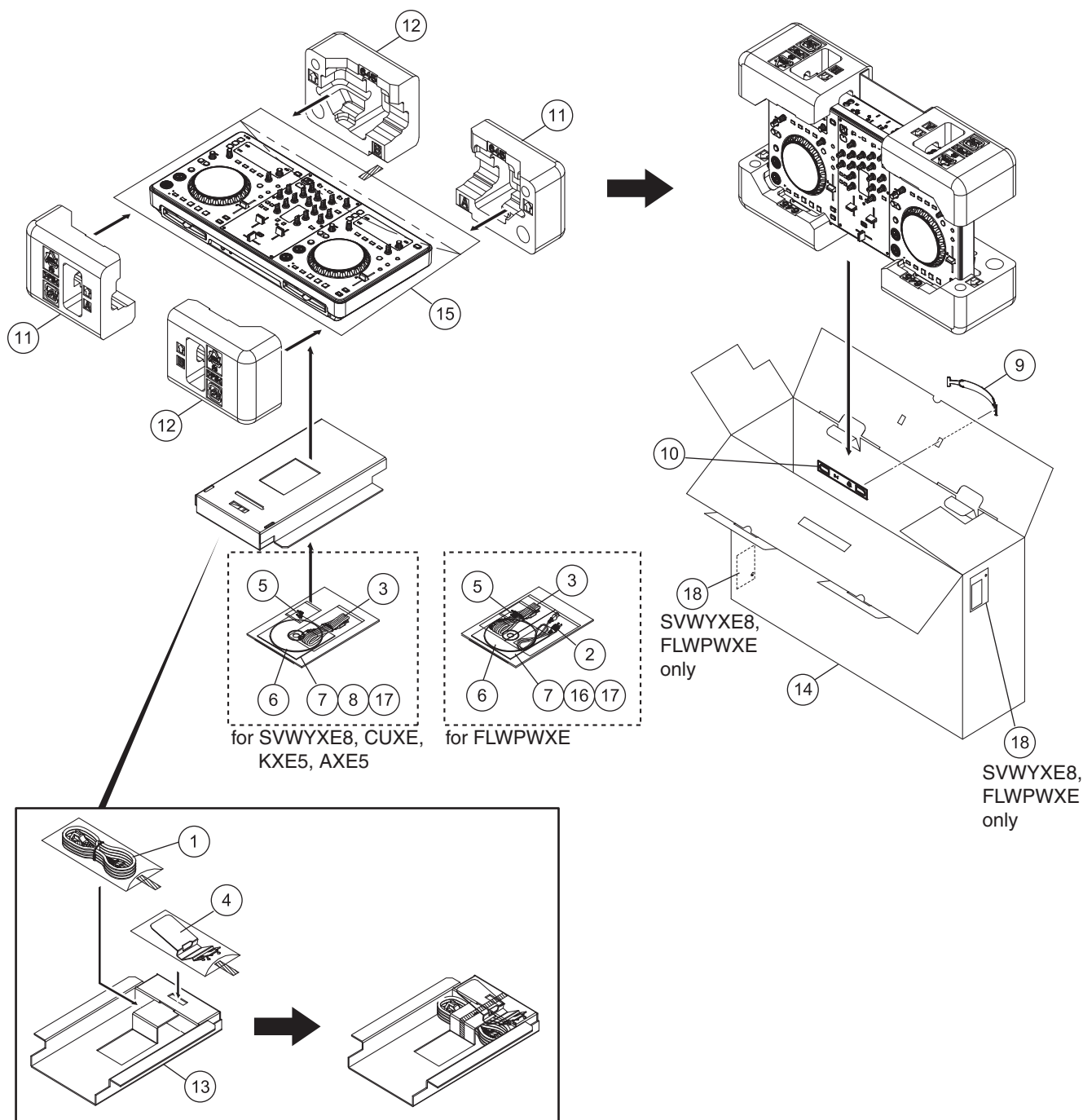
Item for Which User's Setting is Available			Setting Value (The factory default settings are indicated in bold.)	Part Name	Content to be Stored	
WLAN SETTING	MODE		ENABLE / DESABLE	IC812 (I/O Assy)	UTILITY settings	
	NETWORK SETTING	SSID	A to Z, a to z, 0 to 9, symbols (max. 32 characters)			
		SECURITY	OPEN / WEP64 / WEP128			
		PASSWORD	A to Z, a to z, 0 to 9, symbols (5 characters for [WEP64], 13 characters for [WEP128])			
		CHANNEL NO.	CH1 — 11, AUTO			
		DHCP SERVER	ENABLE / DESABLE			
MIXER MODE			XDJ-R1 / PC			
A. CUE LEVEL			−36 dB / −42 dB / −48 dB / −54 dB / −60 dB / −66 dB / −72 dB / −78 dB			
SAMPLE LEVEL			1 — 50 — 100			
CROSS FADER START			ON / OFF			
TOUCH SENSE LEVEL (DECK1)			-4 — 0 — +4			
TOUCH SENSE LEVEL (DECK2)			-4 — 0 — +4			
AUTO STANBY			OFF / 20 min / 40 min / 60 min			
DEMO MODE			ON / OFF			
TIME MODE			TIME / REMAIN			
AUTO CUE			ON / OFF		DECK settings	
TEMPO RANGE			WIDE, ±16, ±10 , ±6			
MASTER TEMPO			ON / OFF			
QUANTIZE			ON / OFF			
Vinyl MODE			ON / OFF			
HOT CUE/SAMPLER MODE			HOT CUE / SAMPLER			

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 $\triangle$ 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.
- 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



(1) PACKING SECTION PARTS LIST

Mark	No.	Description	Part No.
⚠	1	Power Cord	See Contrast table (2)
⚠	2	Power Cord	See Contrast table (2)
	3	USB Cable	408-100UG-087
	4	Smartphone Stand	703-COMBO-1395
	5	Smartphone Stand Mount Screws	200-BLACK-642
	6	CD-ROM	429-COMBO-144
	7	Read Before Use (Important)/ Quick Start Guide	See Contrast table (2)
	8	Leaflet	502-XDR1-3270
	9	Handle	100-SX-3017
	10	Handle Base	100-SX-3018
	11	Polyform A	506-COMBO-645A
	12	Polyform B	506-COMBO-645B
	13	Paste Board	507-COMBO-3367
	14	Gift Box	See Contrast table (2)
	15	Soft Bag	509-COMBO-319
	16	Caution Sheet	See Contrast table (2)
	17	About SSIDs and Passwords	501-XJR1-2506
	18	Label	See Contrast table (2)

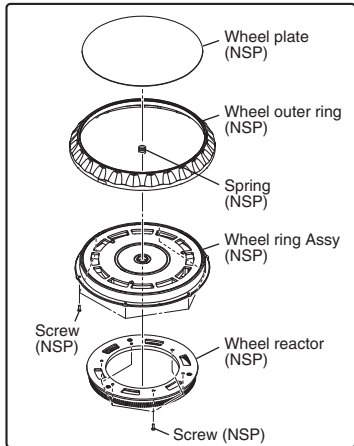
(2) CONTRAST TABLE

XDJ-R1/SVWYXE8, CUXE, FLWPWXE, KXE5 and AXE5 are constructed the same except for the following:

Mark	No.	Symbol and Description	XDJ-R1 /SVWYXE8	XDJ-R1 /CUXE	XDJ-R1 /FLWPWXE	XDJ-R1 /KXE5	XDJ-R1 /AXE5
⚠	1	Power Cord	409-HDJ7100-055D-HA	409-HDJ7100-054D-HA	409-HDJ7100-055D-HA	409-COMBO-224	409-DMX101-218
⚠	2	Power Cord	Not used	Not used	409-COMBO-226	Not used	Not used
	7	Read Before Use (Important)/ Quick Start Guide	502-XDR1B-3272	502-XDR1A-3271	502-XDR1F-3276	502-XDR1E-3275	502-XDR1D-3274
	14	Gift Box	507-R1B-3401	507-R1A-3401	507-R1F-3401	507-R1E-3401	507-R1D-3401
	16	Caution Sheet	Not used	Not used	502-XDR1F-3321	Not used	Not used
	18	Label	501-XJR1B-2576	Not used	501-XJR1B-2576	Not used	Not used

9.2 EXTERIOR SECTION

A



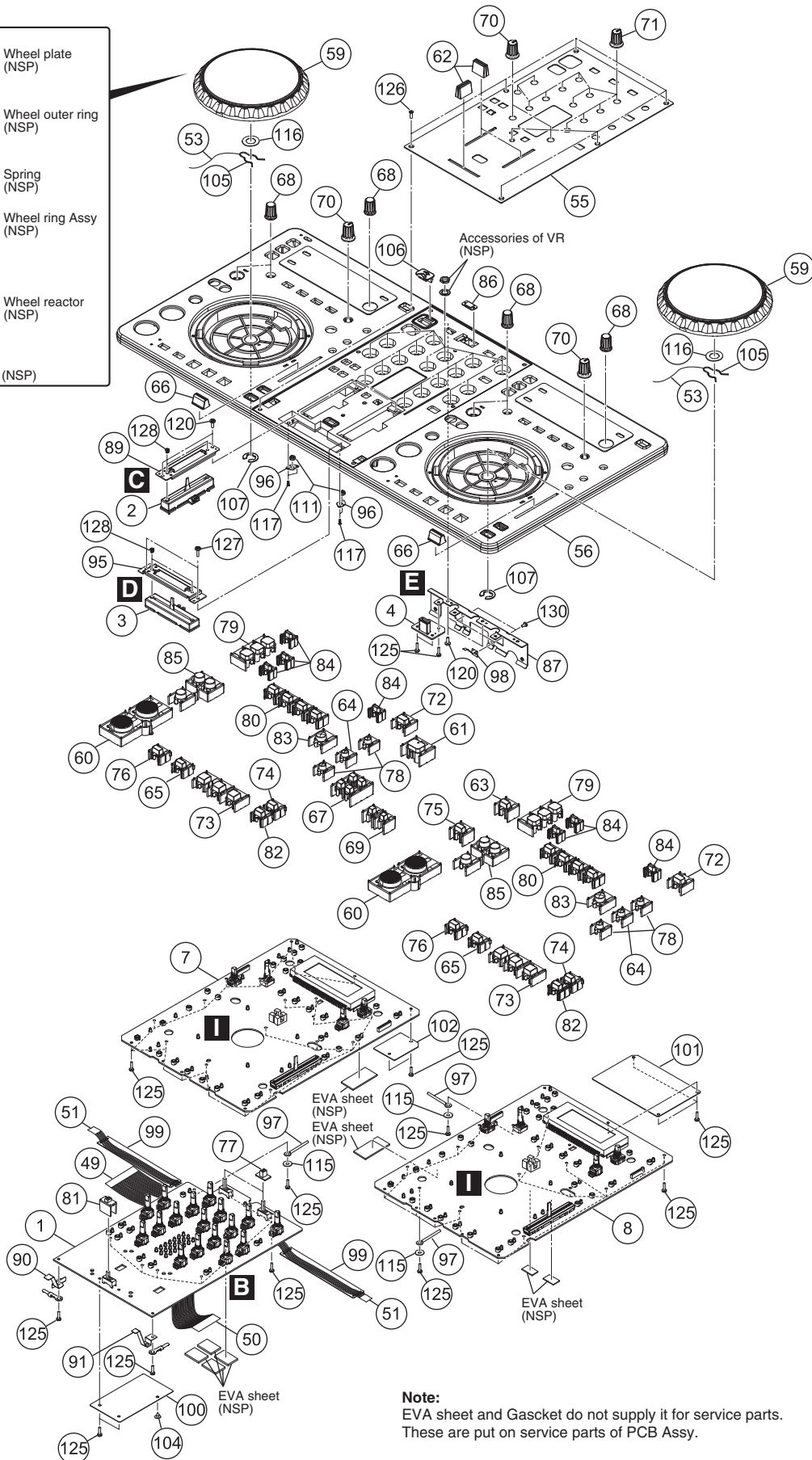
B

C

D

E

F



Note:
EVA sheet and Gascket do not supply it for service parts.
These are put on service parts of PCB Assy.



(1) EXTERIOR SECTION PARTS LIST

	Mark No.	Description	Part No.	Mark No.	Description	Part No.
A	1	MIXER Assy	704-COMBO-A376	46	4P Wire	404-COMBO-3772
	2	CH Assy	704-COMBO-A482	47	3P Wire	404-UJ300KM-3644-HA
	3	CROSS FADER Assy	704-COMBO-A499	48	28P FFC Cable	406-COMBO-1245
	4	USB Assy	704-COMBO-A381	49	38P FFC Cable	406-COMBO-1249
	5	PHONES Assy	704-COMBO-A379	50	36P FFC Cable	406-COMBO-1250
	6	Wi-Fi PCB Assy	704-COMBO-A380	51	8P FFC Cable	406-COMBO-1251
	7	CD1 Assy	704-COMBO-A375	52	28P FFC Cable	406-MEP4-1201-HA
	8	CD2 Assy	704-COMBO-A476	53	Wire	406-S100-031
	9	SERVO Assy	704-COMBO-A377	54	Ferrite Core	415-VP9812-221-HA
	10	SWITCHING POWER	411-COMBO-887	55	Mixer Panel Assy	703-XDJR1-1394
B	11	SLOT-IN FEEDER MECHA Assy	704-MCU300-9997-HA	56	Chassis Assy	701-XDJR1-5329
	12	•••••		57	Front Panel Assy	701-COMBO-5204
	13	I/O Assy	704-COMBO-A378	58	Base Assy	See Contrast table (2)
	14	DSP & POWER Assy	704-COMBO-A531	59	Wheel & Shaft Assy	701-COMBO-5294
	15	Rear Board Assy	703-COMBO-1377	60	PLAY/CUE Button	701-XDJR1-5325
	16	AC Socket Assy	704-COMBO-A483	61	USB Button Assy	701-XDJR1-5326
	17	Cord Bush	100-SDJ2-2553	62	Push Button	100-22-2824-HA
	18	Cord Bush	100-K1-2682-HA	63	AUX Button	100-AUX-2975
	19	Ground Terminal	200-100U-527	64	Round Button	100-BLACK-2968S
	20	Hexagon Pillar	200-COMBO-668	65	CALL Button	100-CALL-2967A
C	21	Isolation Plate	300-COMBO-2063	66	Push Knob	100-CMX4-2906-HA
	22	Isolation Plate	300-COMBO-2075	67	Color Button	100-COLOR-2973S
	23	26P FFC Cable	406-COMBO-1244	68	Encoder Knob	100-COMBO-2962
	24	24P FFC Cable	406-COMBO-1247	69	CUE Button	100-CUE-2974
	25	8P FFC Cable	406-COMBO-1248	70	Rotary Knob	100-DJM100-2826-HA
	26	24P FFC	406-COMBO-1255	71	Rotary Knob	100-DJM250-2826-HA
	27	Spacer Support	504-COMBO-302	72	Eject Button	100-EJECT-2970
	28	Nut (M3*P0.5)	601-A100-004-HA	73	HOTCUE Button	100-HOTCUE-2971S
	29	Fixed Center Washer	606-C426-066	74	MASTER Button	100-MASTER-2967A
	30	Washer	606-4500-123	75	MIC Button	100-MIC-2975
D	31	Nylon Washer	606-500C-265	76	MODE Button	100-MODE-2967A
	32	Washer	606-COMBO-266	77	Push Button	100-MX200-2706-HA
	33	Washer	606-COMBO-267	78	Round Button	100-ROUND-2968
	34	Screw	602-B300-041-HA	79	Source Button	100-SOURCE-2966
	35	Screw	602-DD2220-301-HA	80	SQUARE Button	100-SQUARE-2967
	36	Screw	602-SA12-377-HA	81	Push Button	100-SW-2980S
	37	Screw	602-SA12-380-HA	82	SYNC Button	100-SYNC-2967A
	38	Screw	602-ISOB408-543C	83	TAP Button	100-TAP-2969
	39	Screw	602-PTS308-732B	84	TINY Button	100-TINY-2965S
	40	Screw	602-ISO308-735B	85	TRACK Button	100-TRACK-2964
E	41	•••••		86	Wi-Fi Lens	100-WIFI-2979
	42	Electrical Tape	501-COMBO-2216	87	Transfer Plate	300-COMBO-2034
	43	Canoe Clips (MB-1S)	504-HF6011-5011	88	Mecha Fixed Plate	300-COMBO-2036
	44	Fixed Loop (2A-8)	504-COMBO-300	89	CH Fixed Plate	300-COMBO-2038
	45	Spacer Support	504-QFX-204	90	Ground Plate L	300-COMBO-2064

F

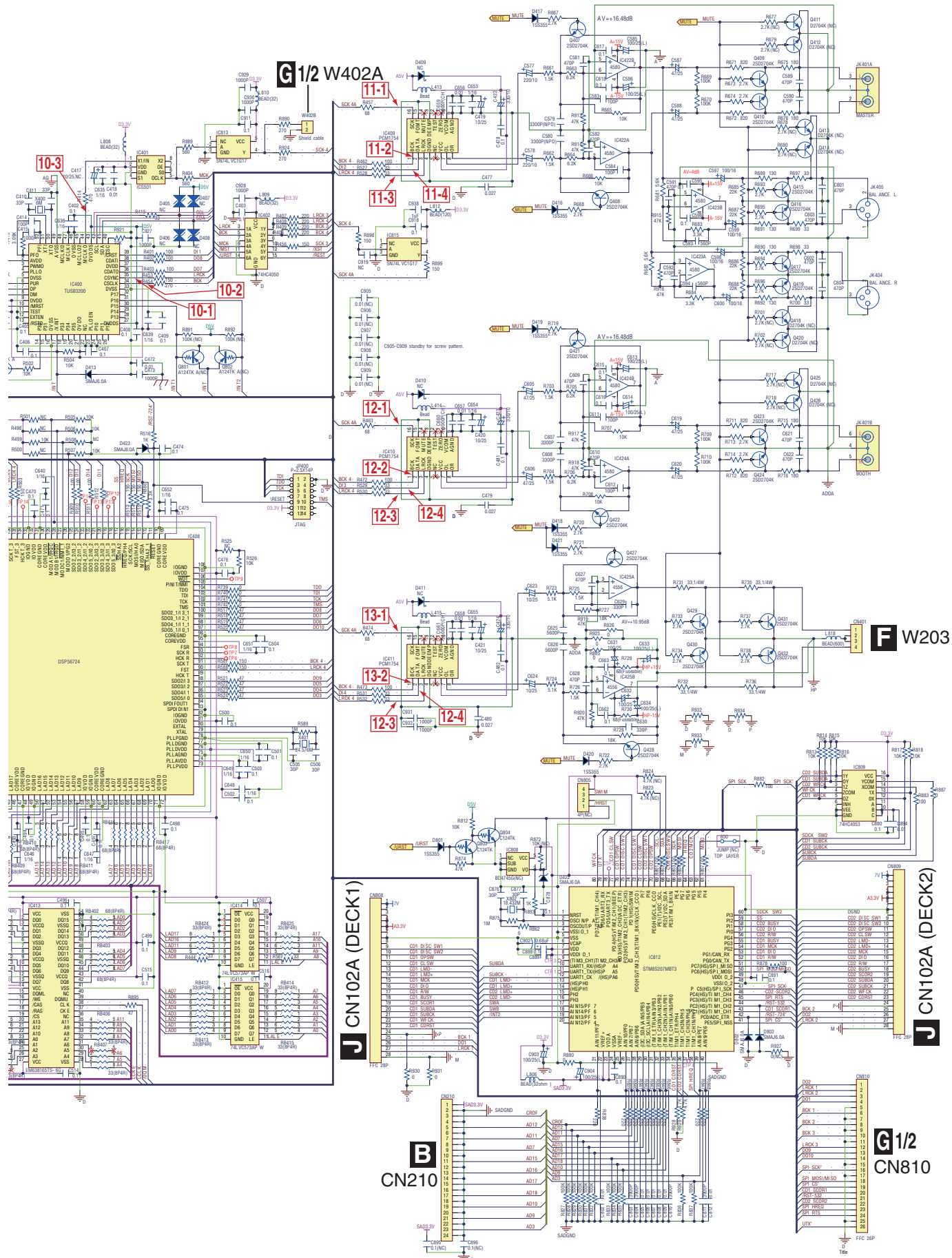
	5		6		7		8	
Mark No.	Description	Part No.						
91	Ground Plate R	300-COMBO-2065						
92	Ground Plate L	300-COMBO-2066						
93	Ground Plate R	300-COMBO-2067						A
94	Join Plate	300-COMBO-2072						
95	Fixed Plate	300-DJM100-1960-HA						
96	Cover	300-DMX101-1993						
97	Locking Cable Clip	300-HM510B-224						
98	Ground Plate	300-SPINU2-1692						
99	Isolation Slice	501-COMBO-2554						
100	Isolation Slice	501-COMBO-2555						
101	Segregate Sheet	501-COMBO-2564						
102	Segregate Sheet	501-COMBO-2568						B
103	Adhesive Mount	504-HDJ7000-032						
104	Canoe Clips	504-HF6011-5011						
105	Spring	603-C304-335						
106	USB Cap	604-COMBO-605						
107	E Ring	606-C304-209						
108	Sponge	612-COMBO-462						
109	•••••							
110	•••••							
111	Nut	601-A100-004-HA						C
112	Fixed Center Washer	606-C426-066						
113	Washer	606-COMBO-264						
114	Washer	606-COMBO-266						
115	Washer	606-KMD280-081-HA						
116	Washer	606-RMP25-257						
117	Screw	602-A700-494-HA						
118	Screw	602-DD2220-301-HA						
119	Screw	602-DJ3000-272						
120	Screw	602-DJ5500-452-HA						D
121	Screw	602-DV300-5023						
122	Screw	602-H888F-308-HA						
123	Screw	602-ISO308-735B						
124	Screw	602-MK7-131-HA						
125	Screw	602-MK8-604						
126	Screw	602-PTF2609-710B						
127	Screw	602-SA12-380-HA						
128	Screw	602-SA12-414						
129	Screw	602-SL24F-099						E
130	Screw	602-ST150-431						

(2) CONTRAST TABLE

XDJ-R1/SVWYXE8, CUXE, FLWPWXE, KXE5 and AXE5 are constructed the same except for the following:

Mark	No.	Symbol and Description	XDJ-R1 /SVWYXE8	XDJ-R1 /CUXE	XDJ-R1 /FLWPWXE	XDJ-R1 /KXE5	XDJ-R1 /AXE5
	58	Base Assy	701-COMBO-5206	701-COMBO-5205	701-COMBO-5340	701-COMBO-5339	701-COMBO-5338

10.1 I/O ASSY



A
B
C
D
E
F
A

A



10.3 DSP & POWER ASSY (1/2) and Wi-Fi PCB ASSY

A

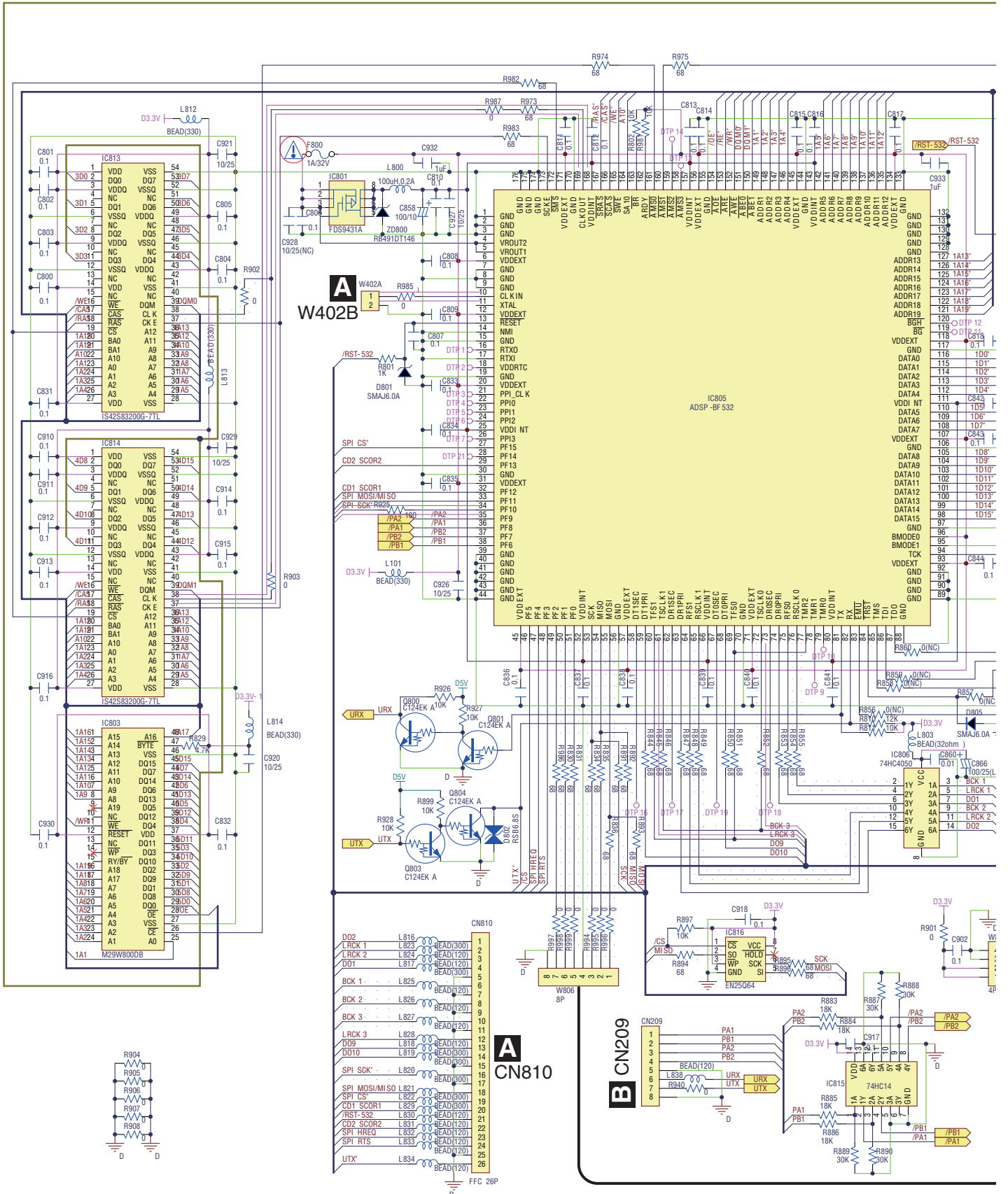
B

C

D

E

F



A



C

D

E

F

4



A



10.5 CD1 and CD2 ASSEMBLIES

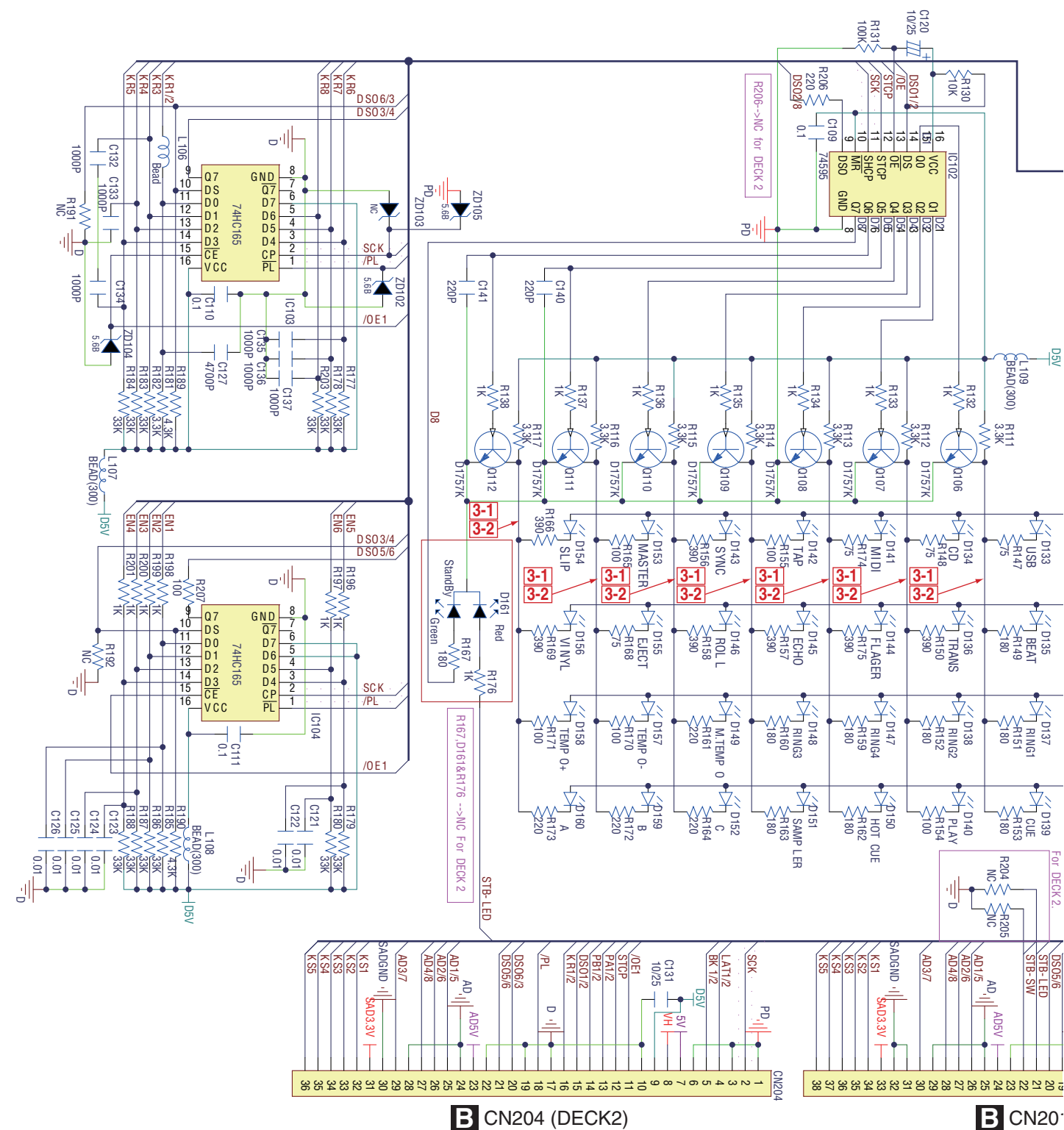
B

C

D

E

F



XDJ-R1

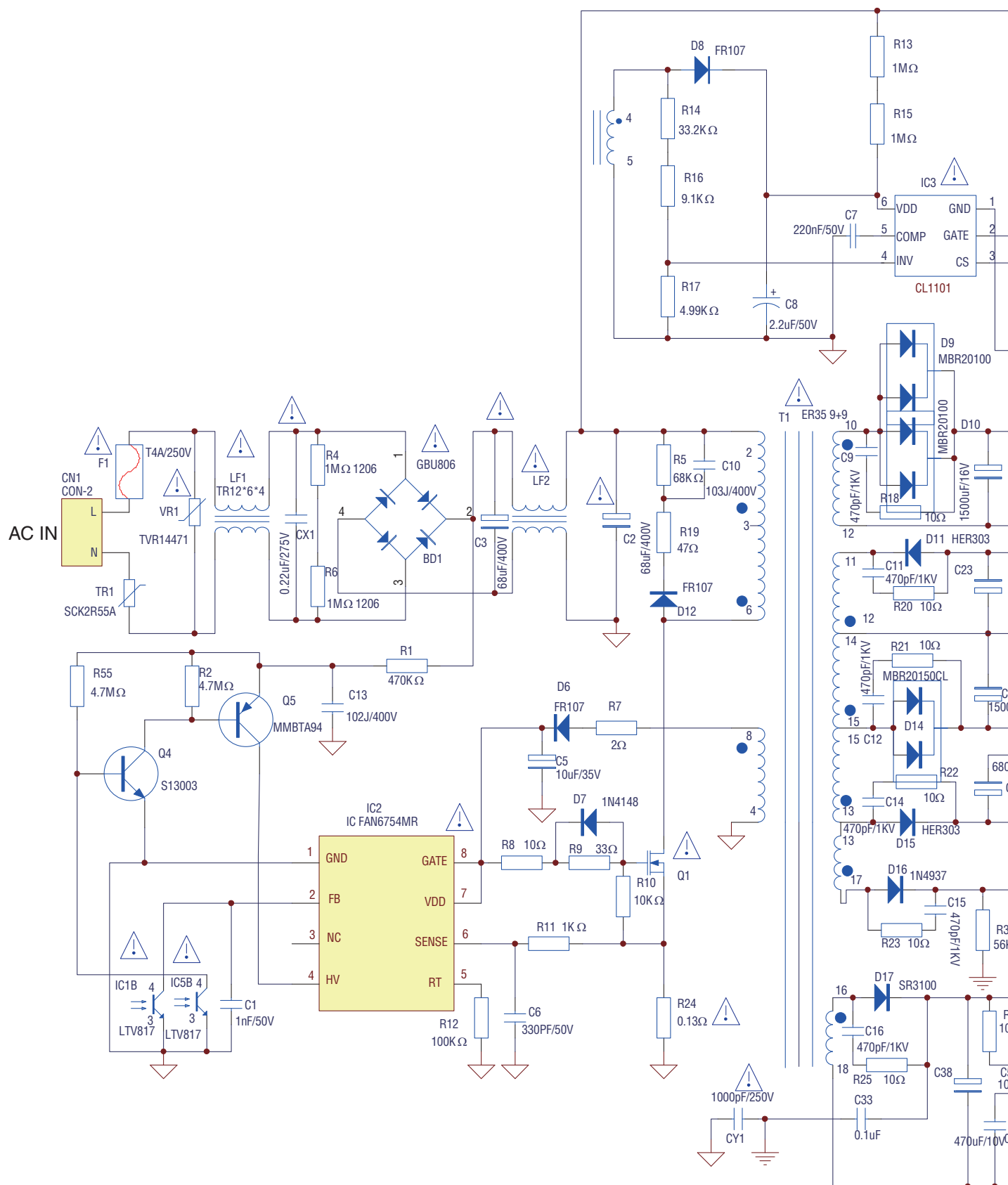
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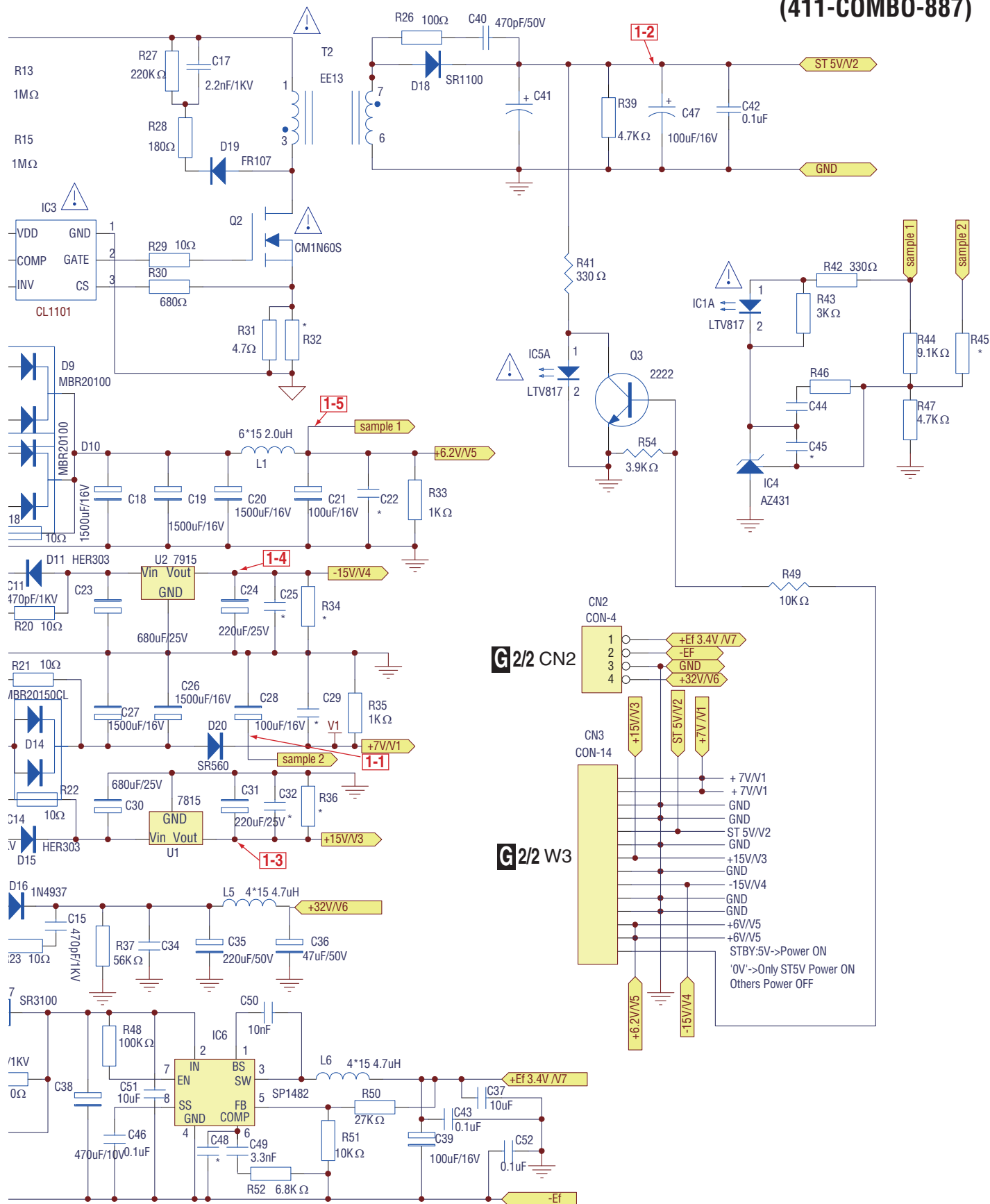
A



10.7 SWITCHING POWER



SWITCHING POWER (411-COMBO-887)



10.8 WAVEFORMS

1

2

3

4

A

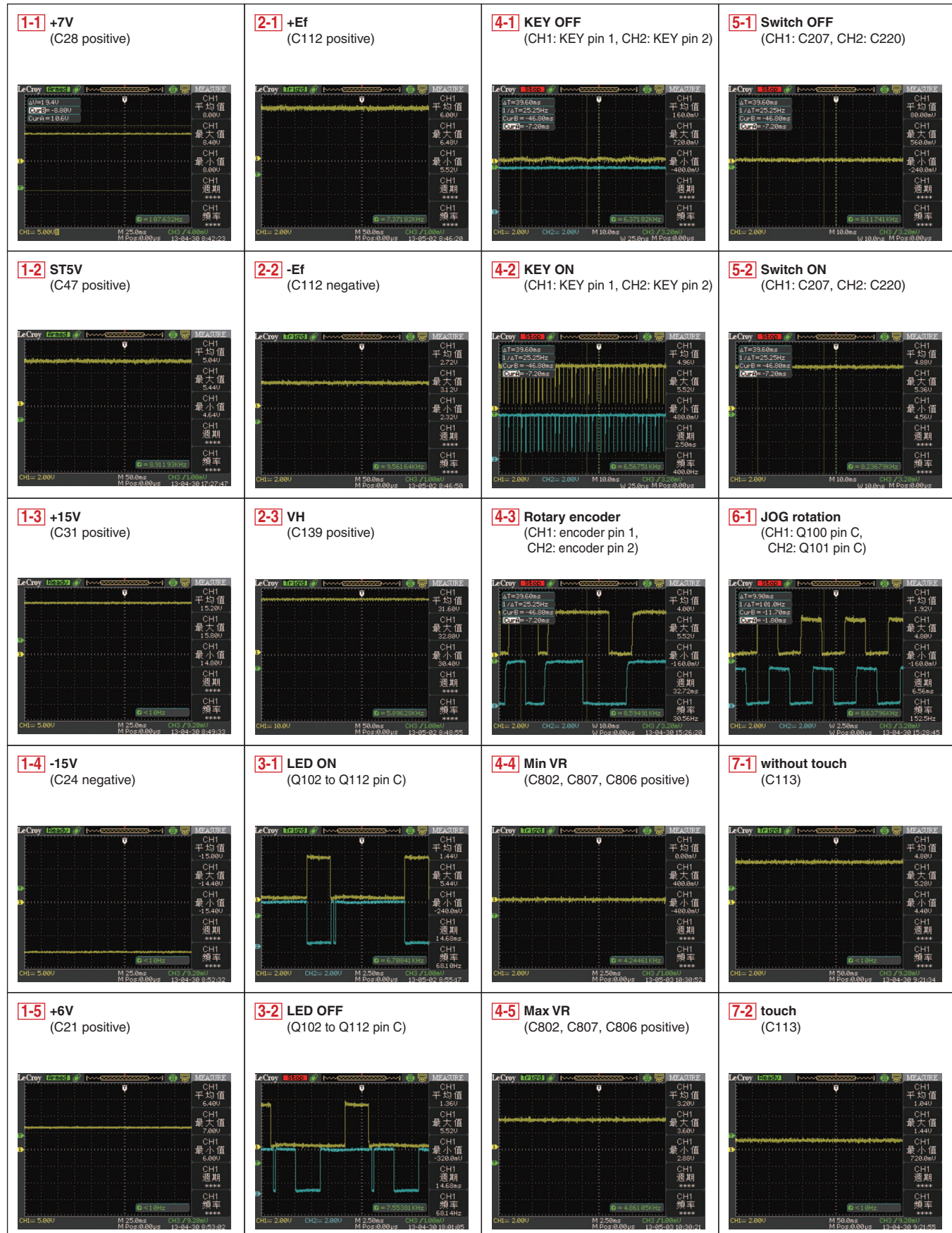
B

C

D

E

F

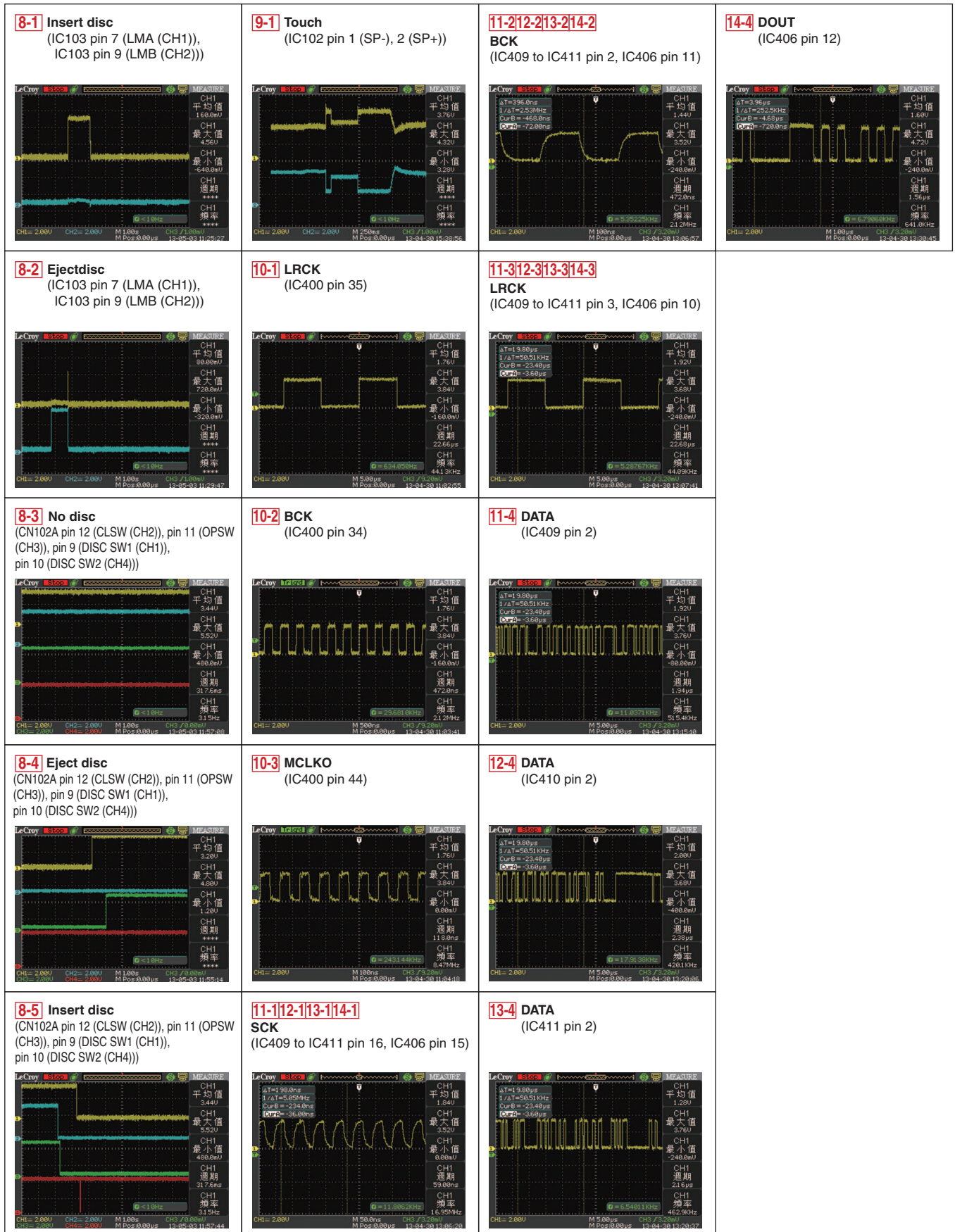


1

2

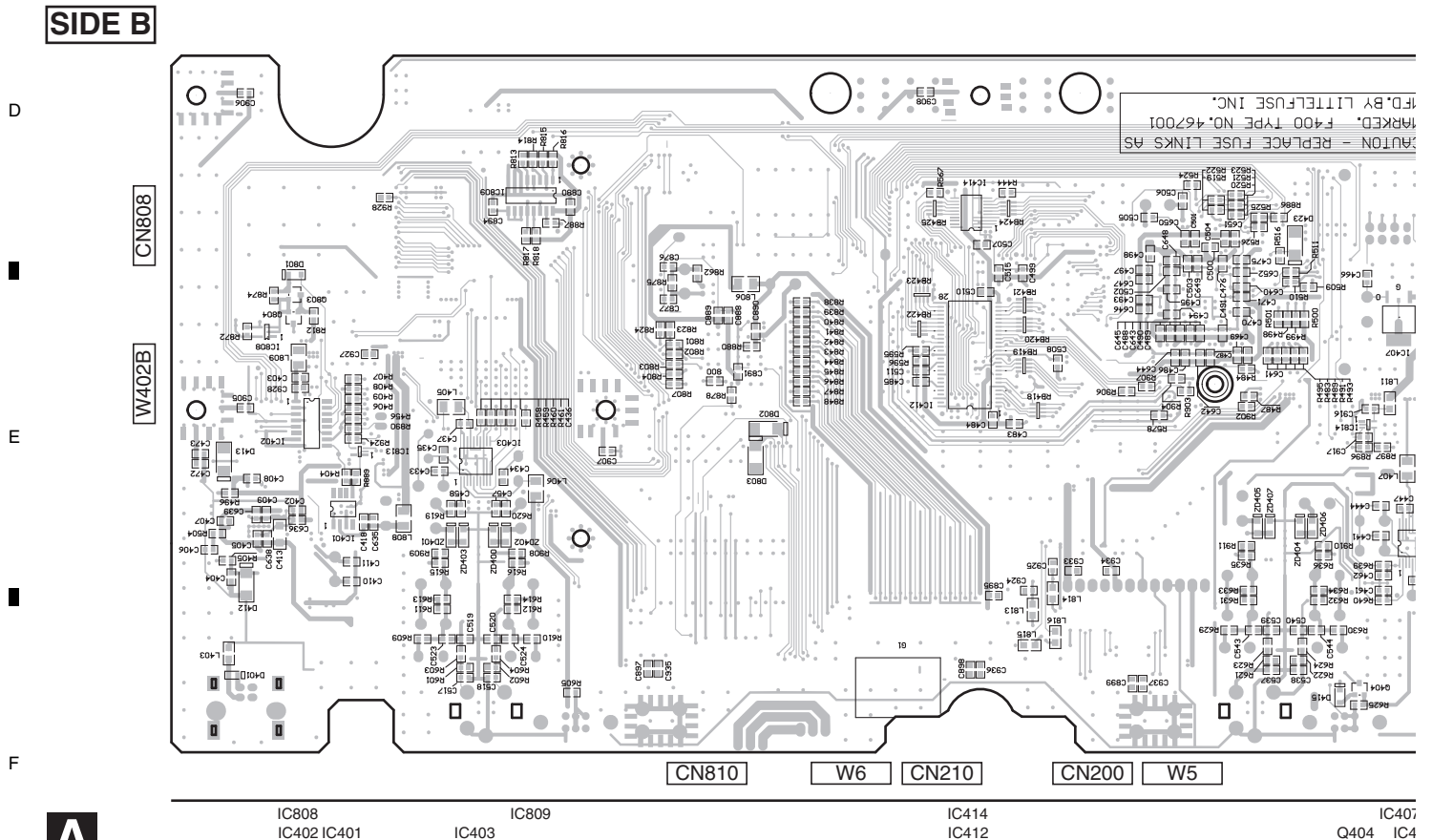
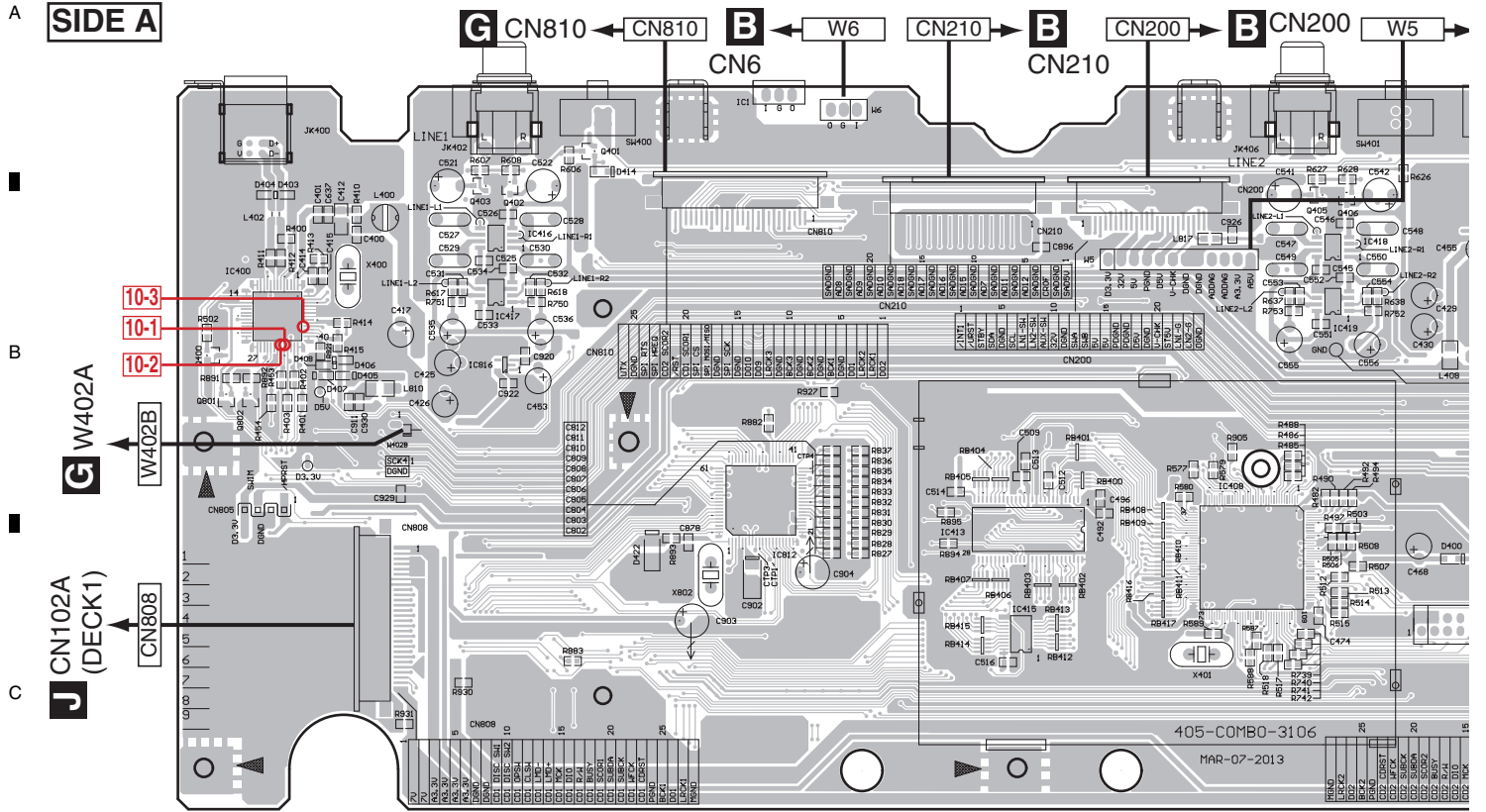
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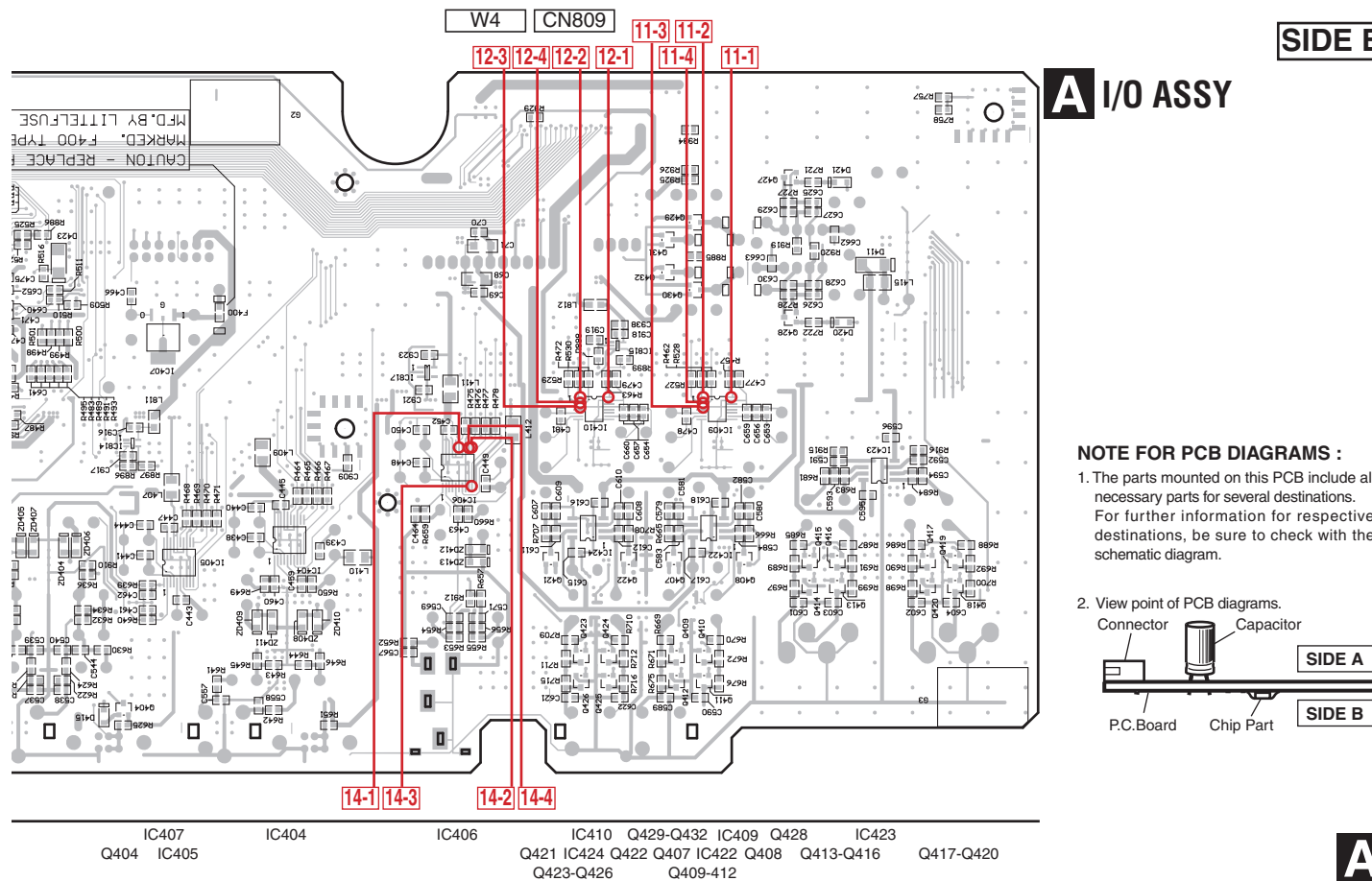
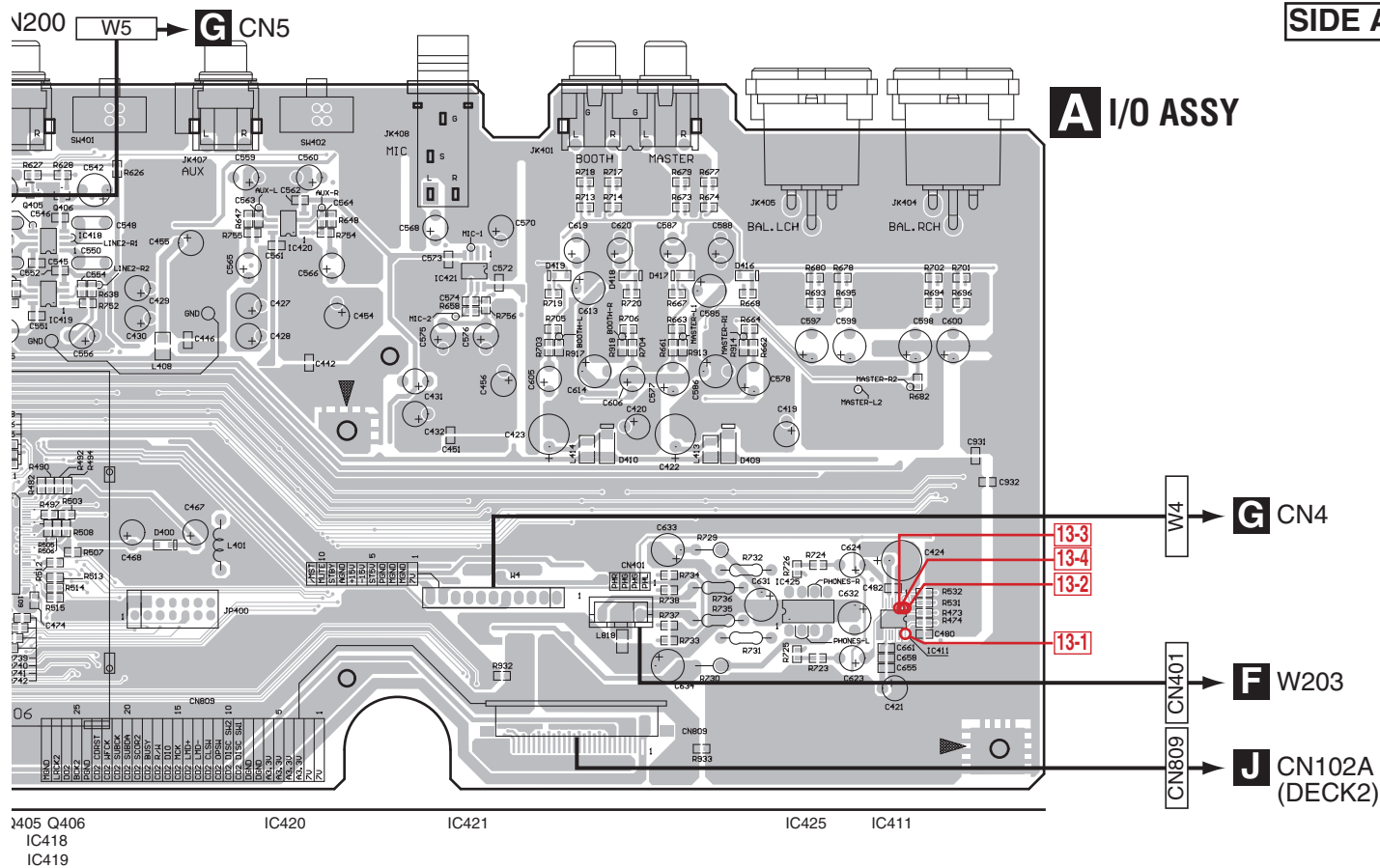
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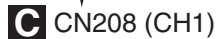


11. PCB CONNECTION DIAGRAM

11.1 I/O ASSY



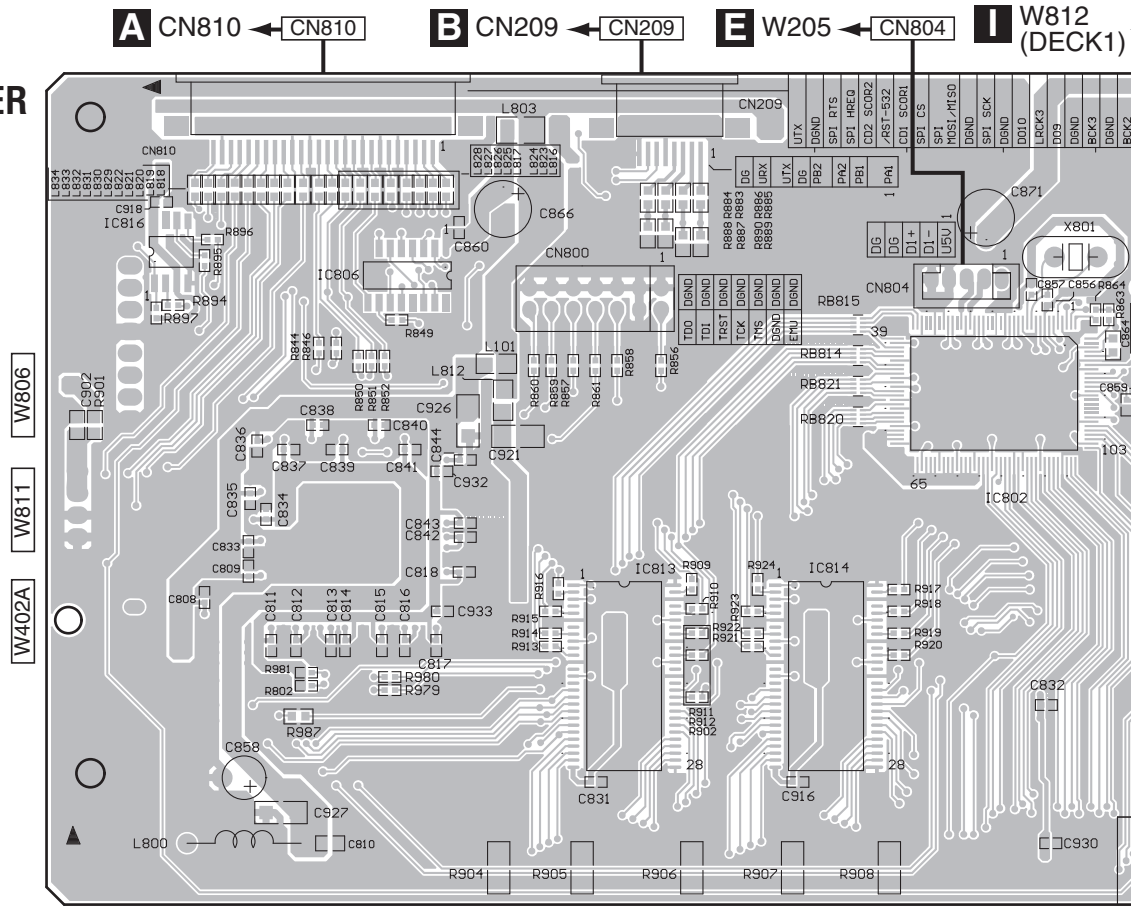




11.3 DSP & POWER ASSY

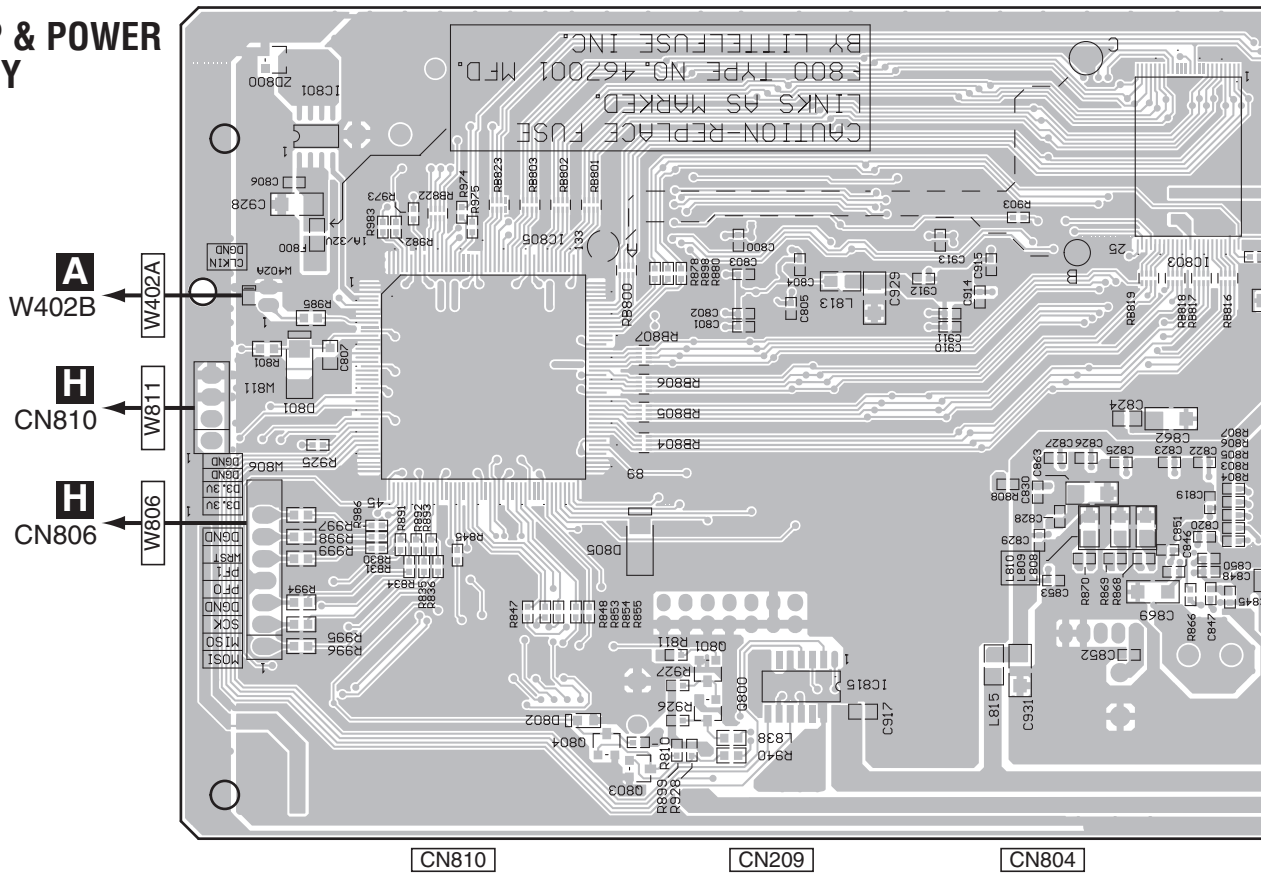
SIDE A

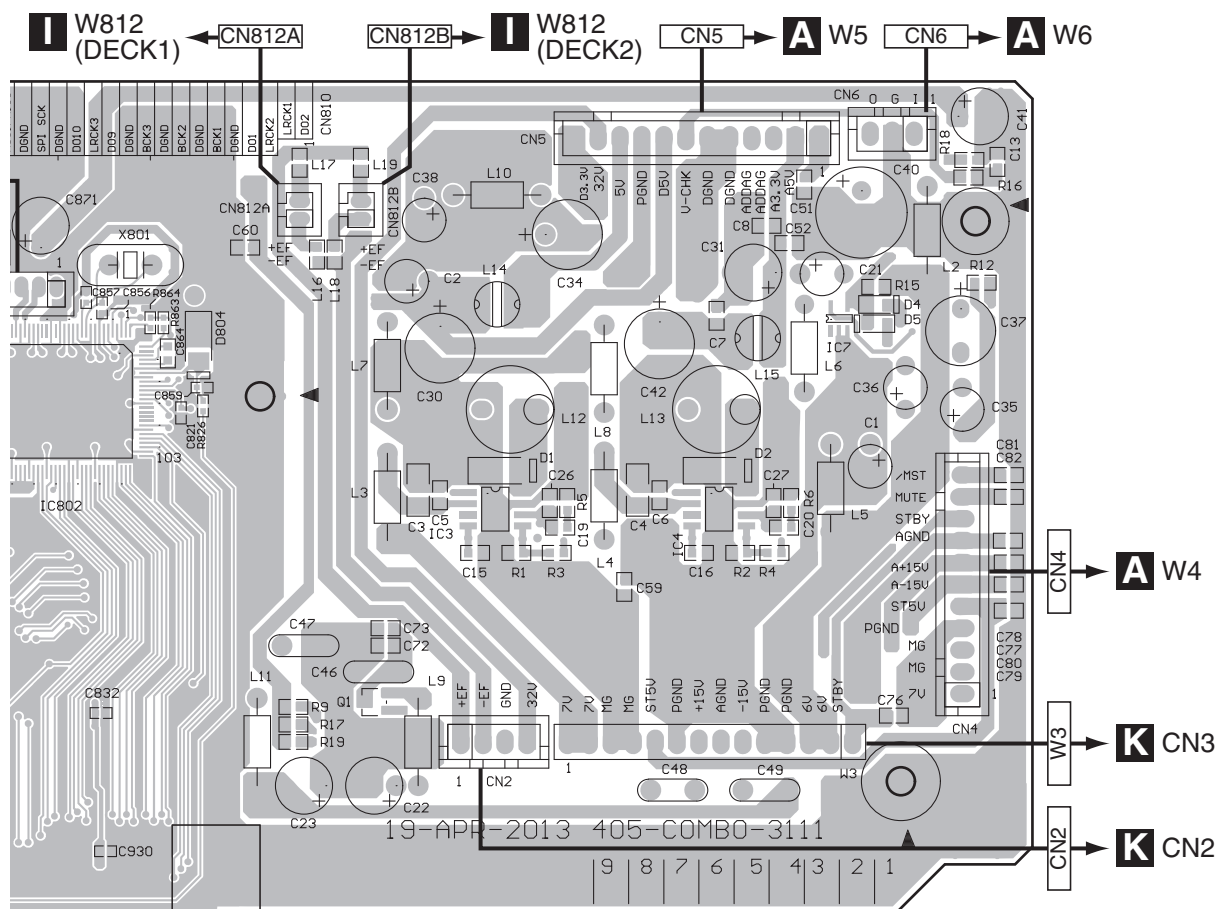
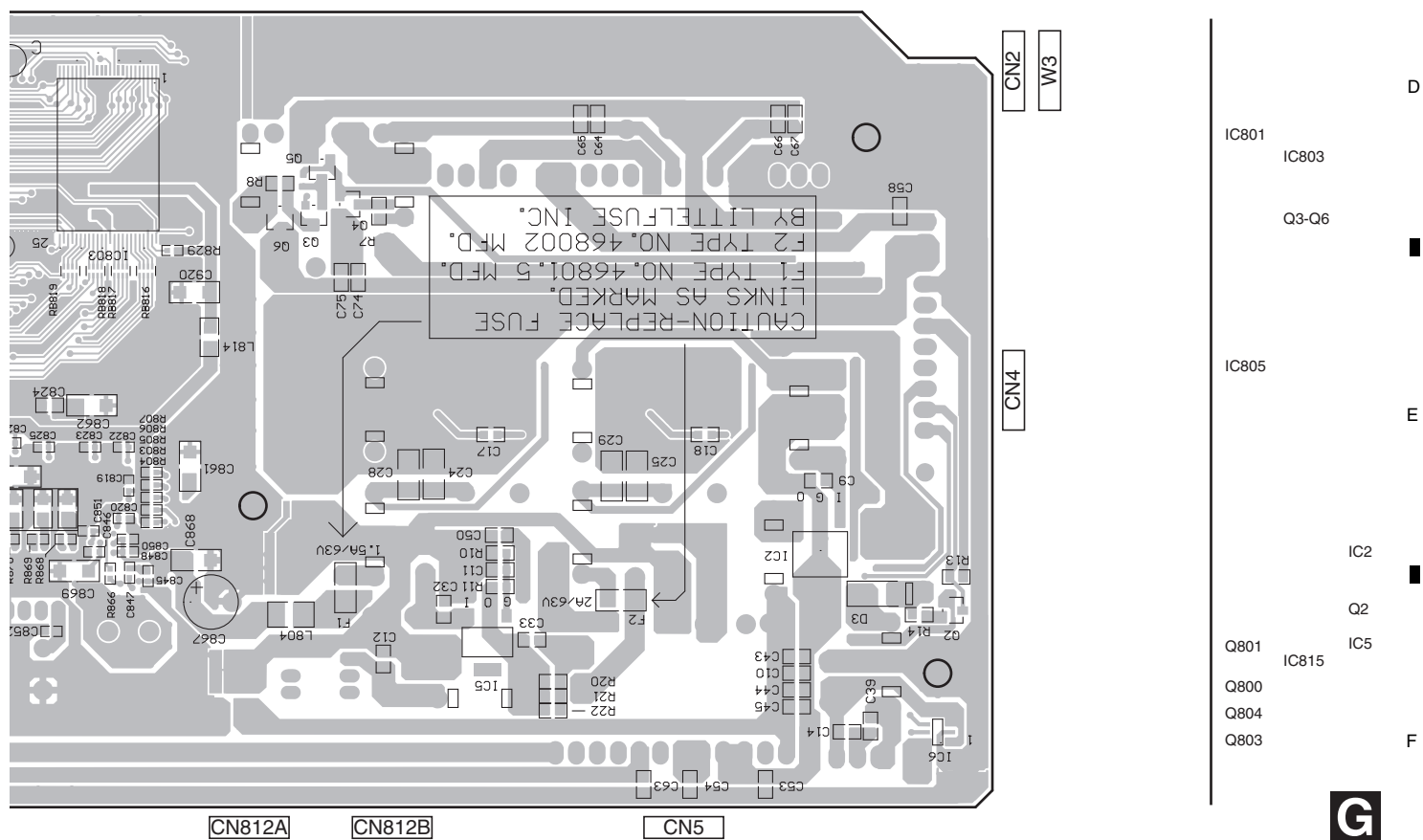
G DSP & POWER ASSY



SIDE B

G DSP & POWER ASSY

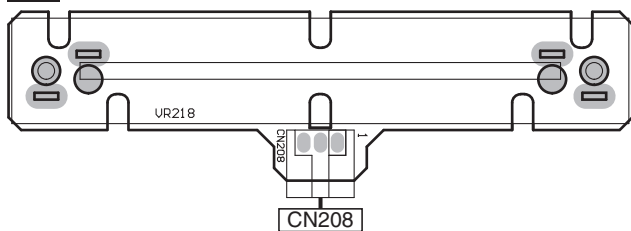


SIDE A**SIDE B****G**

11.4 CH, CROSS FADER, USB and PHONES ASSEMBLIES

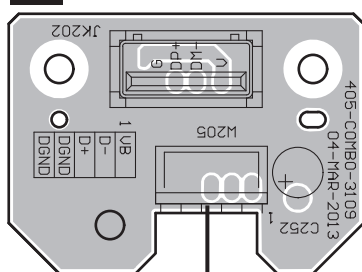
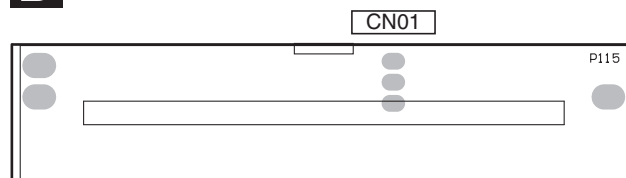
SIDE A

SIDE A

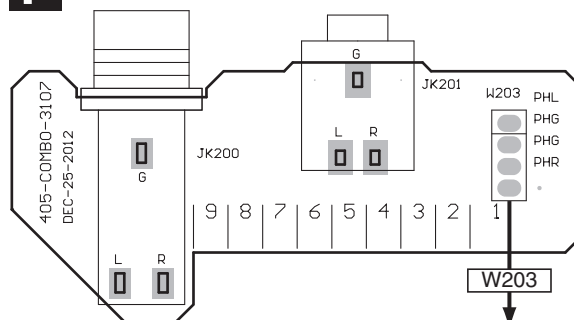
C CH ASSY

B W208A (CH1), W208B (CH2)

D CROSS FADER ASSY



G CN804

F PHONES ASSY

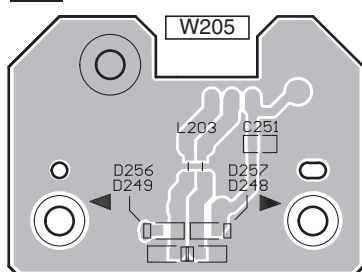
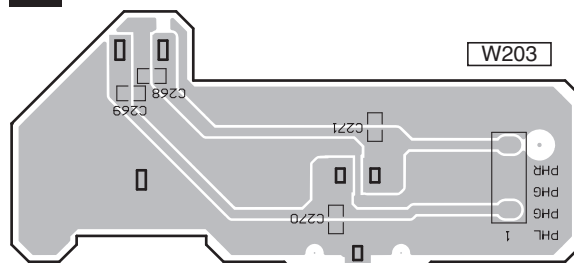
A CN401

SIDE B

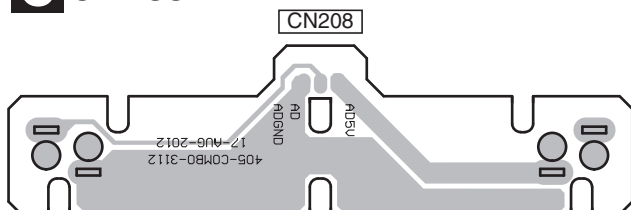
SIDE B



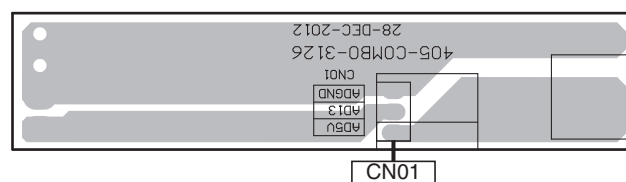
USB ASSY

**F PHONES ASSY**

C CH ASSY



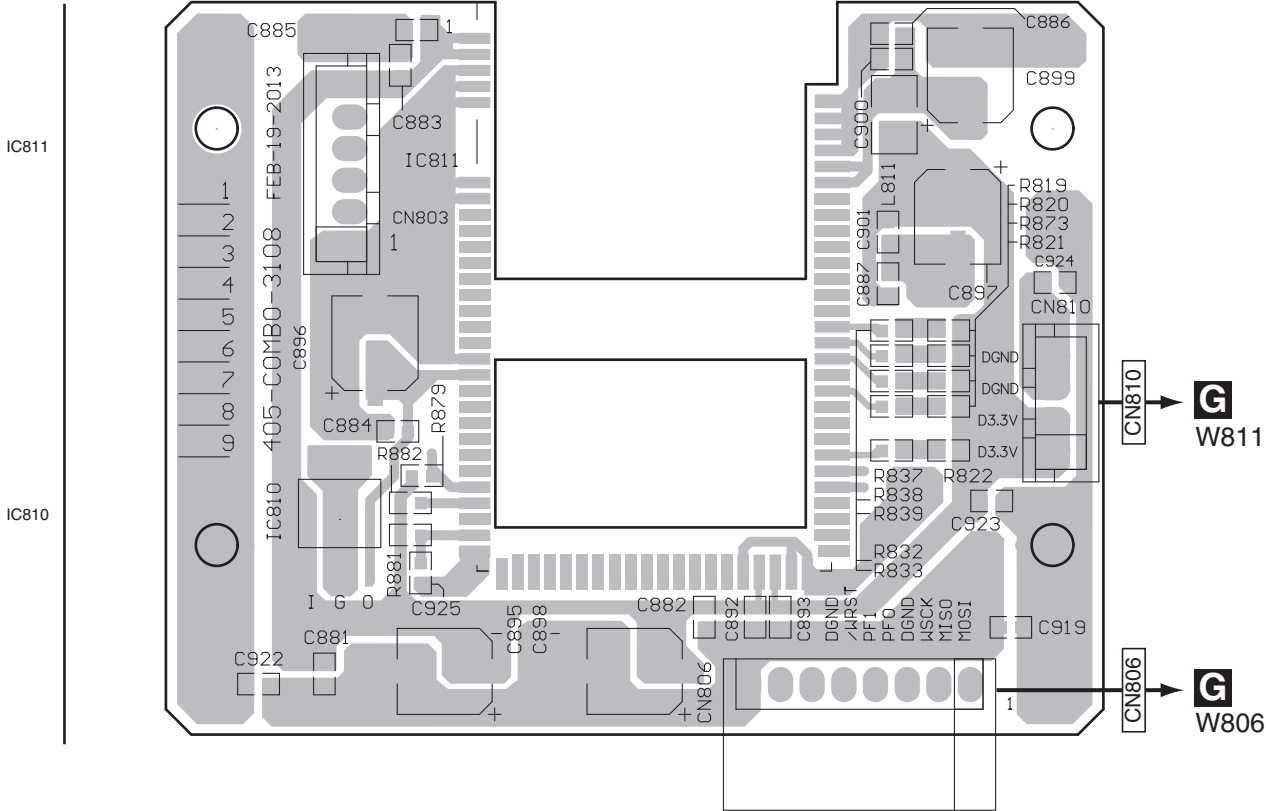
D CROSS FADER ASSY

**B** W203

11.5 Wi-Fi PCB ASSY

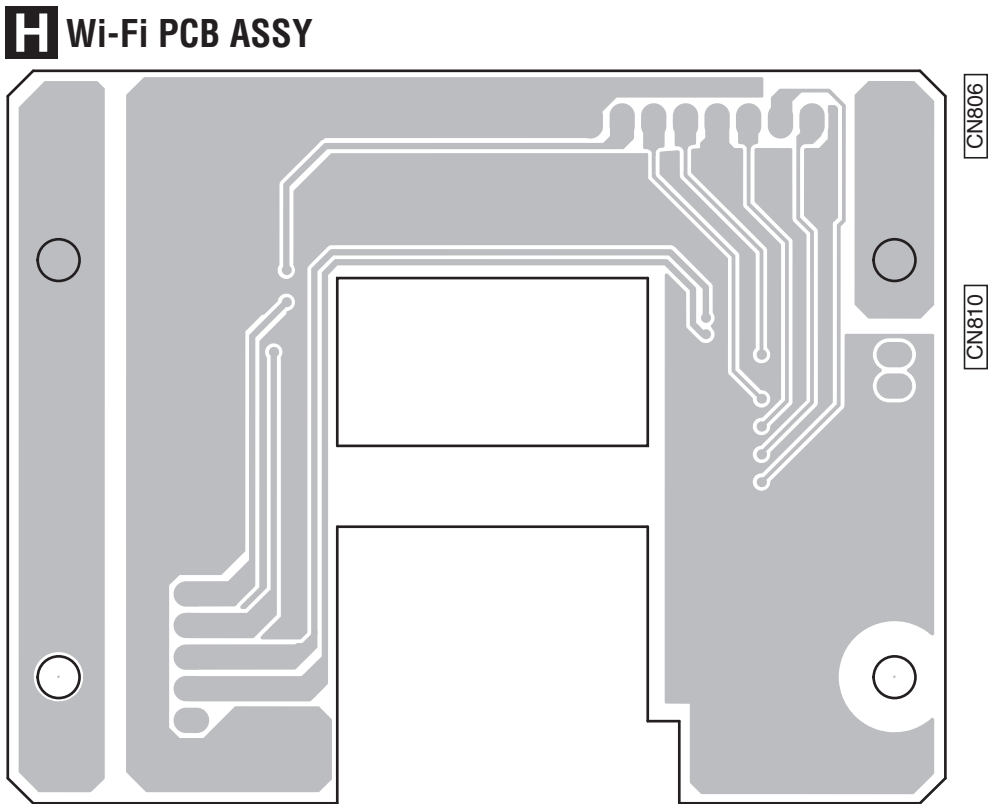
SIDE A

SIDE A



SIDE B

SIDE B



11.6 CD1 and CD2 ASSEMBLIES

SIDE A

SIDE A

A

B

C

D

E

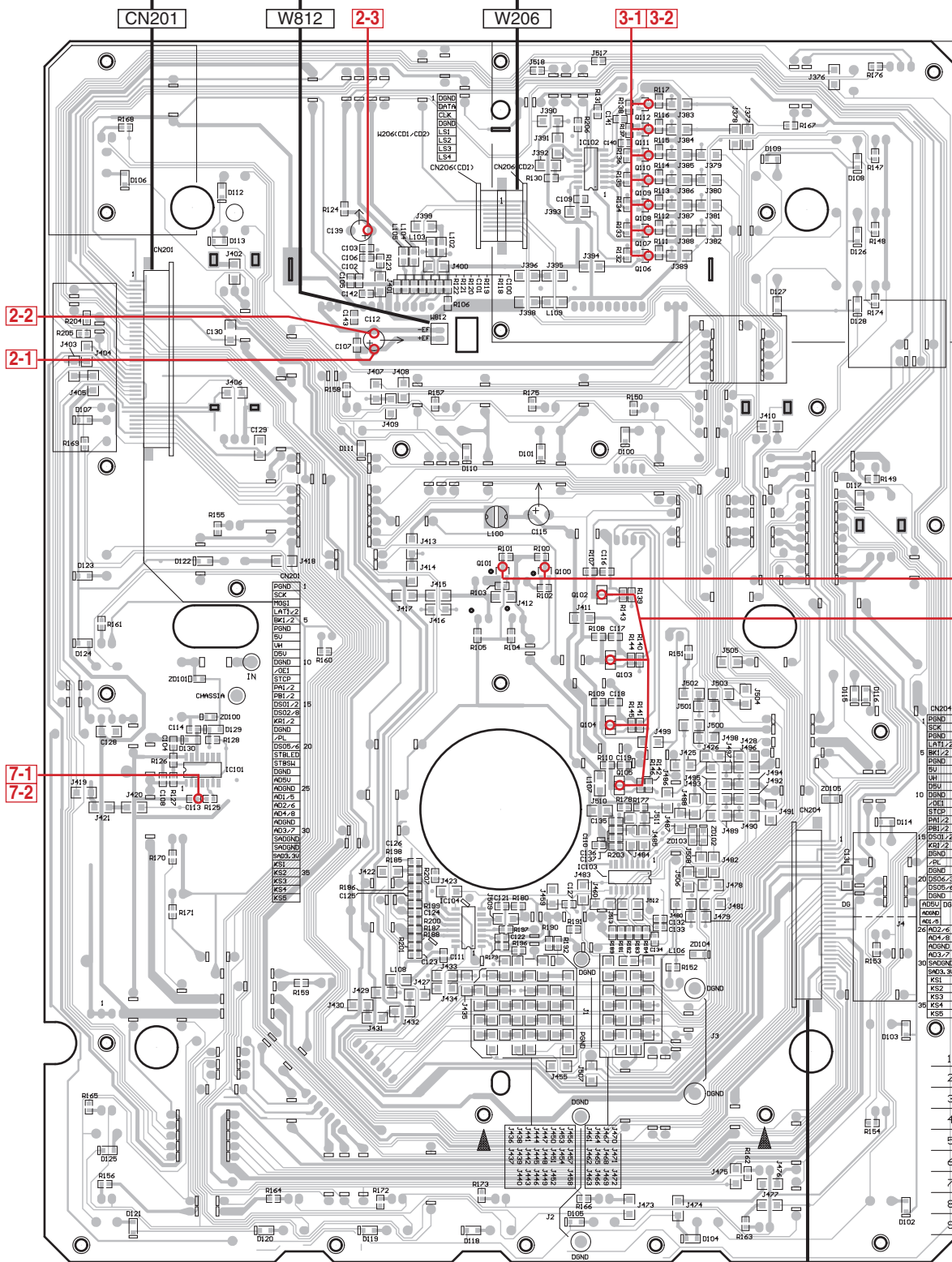
F

B CN201 (DECK1)

G CN812A (DECK1)
CN812B (DECK2)

B CN206A (DECK1)
CN206B (DECK2)

I CD1 ASSY
CD2 ASSY



IC102
Q106-Q112

Q100-Q102

Q103

Q104

IC101
Q105

IC103

IC104

CN204

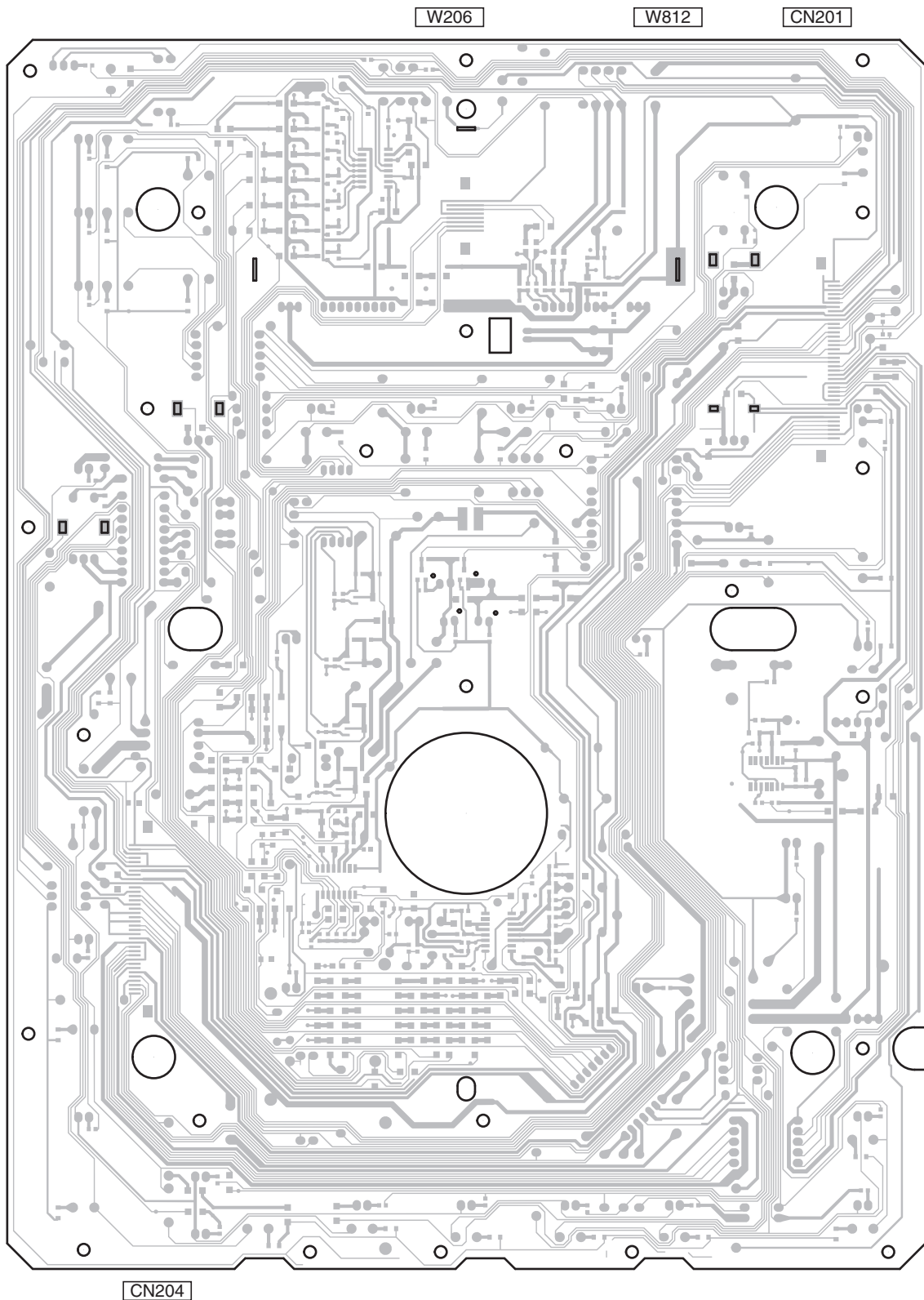
B CN204 (DECK2)

I

SIDE B

SIDE B

I CD1 ASSY
CD2 ASSY

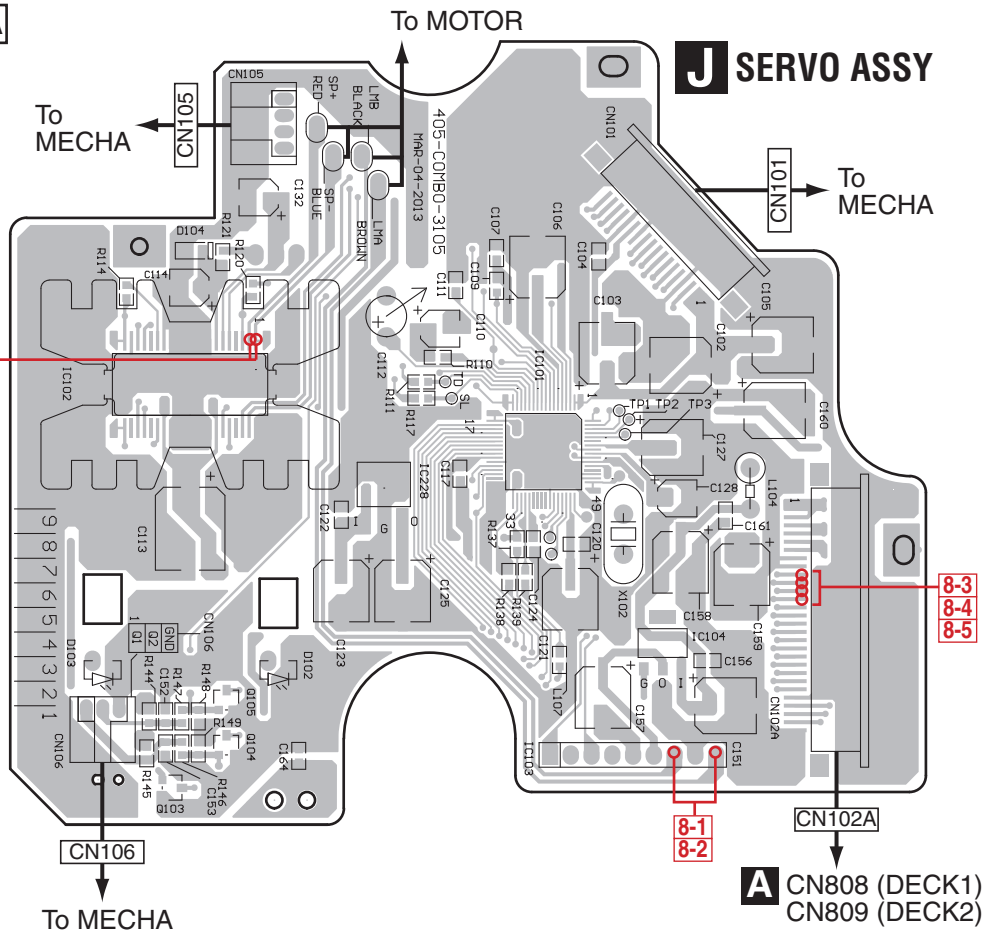


XDJ-R1

I

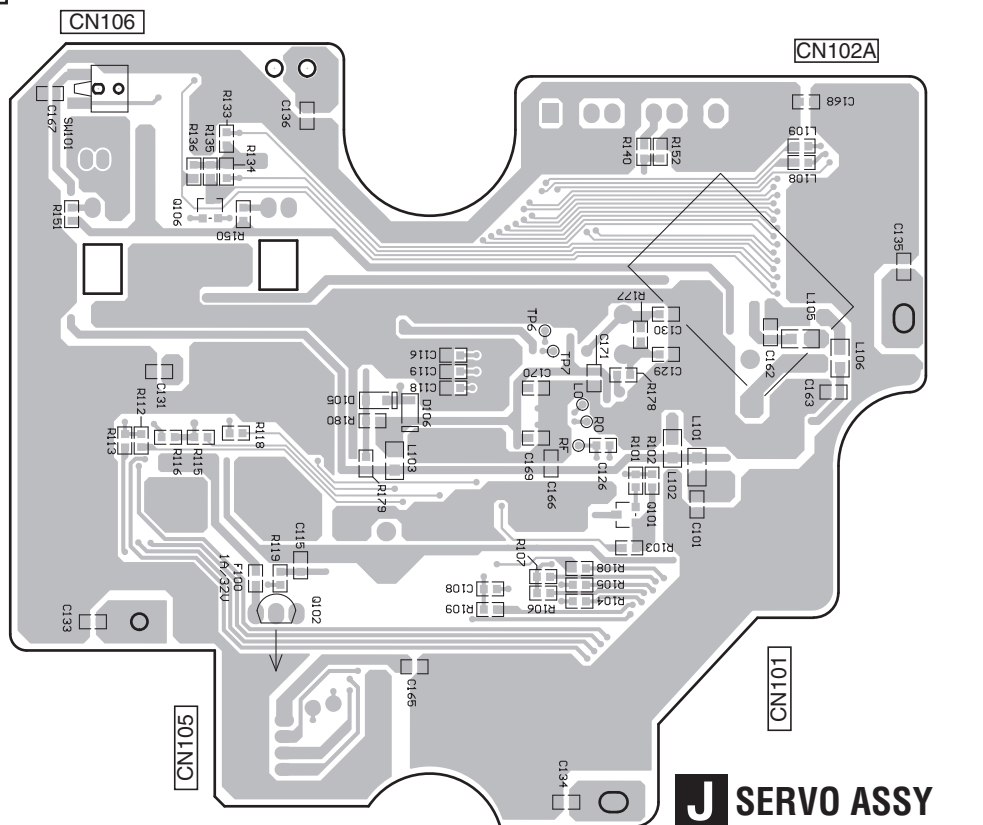
11.7 SERVO ASSY

SIDE A



SIDE A

SIDE B



SIDE B

J

SIDE A

A

**SIDE B**

E

K

1 2 3 4

12. PCB 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.

● Although the cables that are directly mounted on each PCB Assy are listed individually as electrical parts of the corresponding PCB Assy in the parts list, those cables are included with each PCB Assy for service when it is supplied.

Mark	No.	Description	Part No.
LIST OF ASSEMBLIES			
		I/O ASSY	704-COMBO-A378
		MIXER ASSY	704-COMBO-A376
		CH ASSY	704-COMBO-A482
		CROSS FADER ASSY	704-COMBO-A499
		USB ASSY	704-COMBO-A381
		PHONES ASSY	704-COMBO-A379
		DSP & POWER ASSY	704-COMBO-A531
		Wi-Fi PCB ASSY	704-COMBO-A380
		CD1 ASSY	704-COMBO-A375
		CD2 ASSY	704-COMBO-A476
		SERVO ASSY	704-COMBO-A377

Mark	No.	Description	Part No.
	W 4	11P WIRE	404-COMBO-3767
	W 5	12P WIRE	404-COMBO-3768
	0	FUSE.RES	412-SX1800-895

RESISTORS

R 731,732,735,736	CARBON FILM RESISTOR	412-DV300-5118-HA
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CAPACITORS

C 527,528,547,548	POLYESTER CAPACITOR	413-3113-060-HA
C 422-424	ELEC.CAPACITOR	413-007USB-828
C 631,632	ELEC. CAPACITOR	413-SPPW3-238-HA
C 419-421,425-432,467,468	ELEC.CAPACITOR	413-SPPW3-235
C 559,560,623,624,535,536	ELEC.CAPACITOR	413-SPPW3-235
C 555,556,565,566,575,576	ELEC.CAPACITOR	413-SPPW3-235
C 453-456	ELEC.CAPACITOR	413-HMA2200-5017-HA
C 568,570	CAPACITOR	413-SPPW3-236
C 585,586,613,614,633	ELEC.CAPACITOR	413-MC6000-1191-HA
C 634,903,904	ELEC.CAPACITOR	413-MC6000-1191-HA
C 587,588,605,606,619,620	ELEC. CAPACITOR	413-SPPW3-237-HA
C 68,71	CHIP CAPACITOR	413-MC6000-1180
C 577,578	ELEC.CAPACITOR	413-HT801K-192
C 902	TANTALUM CAPACITOR	413-MAIE-1211
C 521,522,541,542,597-600	ELEC.CAPACITOR	413-HT801K-193-HA
C 529,530,549,550	POLYESTER CAPACITOR	413-KT300-103-HA

Mark	No.	Description	Part No.
A I/O ASSY SEMICONDUCTORS			
	Q 401,404	TRANSISTOR	416-CTB200-178-HA
	Q 400,803,804	CHIP TRANSISTOR	416-DFX1-201
	Q 402,403,405-410,415-417	TRANSISTOR	416-3000-378
	Q 419,421-424,427-432	TRANSISTOR	416-3000-378
	ZD 400-413	ZENER DIODE	414-COMBO-342
	D 401,403,404	ESD DIODE	414-DJ1100G-207
	D 412,413,422,423,802,803	TVS DIODE	414-UDJ200-284

MISCELLANEOUS

CN 200,210	24P FFC SOCKET	404-RECYCLE-3555
CN 808,809	28P SOCKET	404-MCU300-3616-HA
CN 810	26P FFC SOCKET	404-COMBO-3725
CN 401	4P SOCKET	404-HV3500K-629A
F 400	CHIP FUSE	422-HC1000-108
JK 404,405	CORE	415-QD5MIDI-368
JK 402,406,407	2P RCA JACK	420-USOLO-314
JK 400	USB JACK	420-007USB-150
JK 408	MIC JACK	420-SMX211-137-HA
JK 404,405	BALANCE OUTPUT JACK	420-QMX1-095
JK 401	4P RCA JACK	420-QMX1-094C-HA
L 403,811	TDK CHIP BEAD	415-FU801-316
L 812	CHIP BEAD	415-IS201-382
L 402	TDK COMMON FILTERS	415-FU800-305-HA
L 813-817	CHIP BEAD	415-JKME3-369
L 405-415,806,808-810	CHIP BEAD	415-EN2000-376
L 401	INDUCTANCE	415-DJME2-355
L 400	POWER CHOKE	415-MC6000-356
L 818	CHIP BEAD	415-1300-240A
SW 400-402	SLIDE SW	403-COMBO-427
W6 TO IC	3P WIRE	404-K1000-2636

B MIXER ASSY SEMICONDUCTORS

Q 219	TRANSISTOR	416-CDN88-045-HA
Q 201,202	CHIP TRANSISTOR	416-DFX1-201
Q 204	TRANSISTOR	416-UDJ200-347
Q 200,217,218	CHIP TRANSISTOR	416-HDJ9700-210
Q 205-208	CHIP TRANSISTOR	416-MC6000-375
Q 209-216	CHIP TRANSISTOR	416-MC6000-374
D 216,250,255	TVS DIODE	414-UDJ200-284
D 200-203,251-254	ESD DIODE	414-DJ1100G-207
D 219,221,222,224-227,229	CHIP LED(YELLOW)	410-HDJ9700-226
D 217,218,230,232,233,237,238 C	HIP LED(BLUE)	410-HDJ9700-216
D 220,223,228,231	CHIP LED(RED)	410-HDJ9700-214
D 234-236,D-239-247	CHIP LED(GREEN)	410-CD900-249

MISCELLANEOUS

CN 204	36P FFC SOCKET	404-COMBO-3724
CN 201	38P FFC SOCKET	404-COMBO-3723
CN 206A,206B,209	CONNECTOR	404-PDJ33-3584
CN 200,210	24P FFC SOCKET	404-RECYCLE-3555
F 200	IC	422-120-063
L 201	POWER CHOKE	415-MC6000-356
L 202	INDUCTOR (10 uH T-26MM)	415-MPG100-047-HA
SW 200,205,207	TACT SW	403-DDJLE-419-HA
SW 211	SLIDE SW	403-DMX101-393

5	6	7	8
Mark No. Description	Part No.	Mark No. Description	Part No.
SW 209,210 SLIDE SW	403-X10-388-HA	Q 2 CHIP TRANSISTOR	416-HDJ9700-210
SW 201-204,206,208 TACT SW	403-MC2-383	Q 6 CHIP TRANSISTOR	416-MC6000-373
W 208A TO CH,W208B TO CH 3P WIRE	404-F300-3302	Q 803,804 CHIP TRANSISTOR	416-DFX1-201
W 203 3P WIRE	404-PDJ33-3592	Q 3 TRANSISTOR	416-CDN88-045-HA
RESISTORS		Q 4,5,800,801 TRANSISTOR	416-CDN88-044
VR 201,203,208,210,211,214,215 ROTARY VR	418-COMBO-702	D 1-3 DIODE	414-007USB-148
VR 200,202,204-207,209 ROTARY VR	418-COMBO-703	D 801,804,805 TVS DIODE	414-UDJ200-284
VR 213,216,217 ROTARY VR	418-COMBO-703	ZD 800 DIODE	414-G350-216
CAPACITORS		D 802 ESD DIODE	414-DJ1100G-207
C 238,254 TANTALUM CAPACITOR	413-MAIE-1211	MISCELLANEOUS	
C 257,266 CHIP CAPACITOR	413-MC6000-1180	A TO B 1P LEAD WIRE	406-COMBO-1257
C 241,242 ELEC.CAPACITOR	413-HMA2200-5017-HA	A TO C 1P LEAD WIRE	406-DJA12-1068
C 243 CAPACITOR	413-DV300-5155	CN 810 26P FFC SOCKET	404-COMBO-3725
C 255 CAPACITOR	413-CDVD2001-265	CN 209 CONNECTOR	404-PDJ33-3584
CH ASSY		CN 4 11P SOCKET	404-QMX2-183A
MISCELLANEOUS		CN 804 5P SOCKET	404-1210S-094A-HA
CN 208 3P SOCKET	404-HMD5000-784A-HA	CN 5 12P SOCKET	404-1400-2544
RESISTORS		CN 2 4P SOCKET	404-HV3500K-629A
VR 218 VARIABLE RESISTOR	418-PDJ33-672	CN 6 3P SOCKET	404-HV3500K-623A
D CROSS FADER ASSY		CN 812A,812B 2P SOCKET	404-HP1010K-257A
MISCELLANEOUS		F 800 CHIP FUSE	422-HC1000-108
CN 01 3P SOCKET	404-KMD3500-609A	F 1 CHIP FUSE	422-3BPM-069
RESISTORS		F 2 CHIP FUSE	422-304-068
P 115 SLIDE VRT	418-DJM250-674-HA	L 823-834,838 CHIP BEAD	415-COMBO-418
E USB ASSY		L 816-822 CHIP BEAD	415-COMBO-419
SEMICONDUCTORS		L 101,812-815 CHIP BEAD	415-COMBO-420
D 248,249,256,257 ESD DIODE	414-RMP3-285	L 16-19 CHIP BEAD	415-COMBO-421
MISCELLANEOUS		L 803,804 CHIP BEAD	415-EN2000-376
JK 202 USB JACK	420-UDJ1-304-HA	L 808-810 TDK CHIP BEAD	415-FU801-316
L 203 TDK COMMON FILTERS	415-FU800-305-HA	L 2-11 BEAD CORE	415-HV3500K-090-HA
W 205 5P USB WIRE	404-U2SA-3160	L 12,13 CORE	415-MC2-401-HA
CAPACITORS		L 14,15 POWER CHOKE	415-MC6000-356
C 252 ELEC.CAPACITOR	413-SPPW3-235	L 800 INDUCTANCE	415-USOLOPA-342
F PHONES ASSY		W 3 14P WIRE	404-COMBO-3765
MISCELLANEOUS		W 806 8P WIRE	404-COMBO-3766
JK 201 HEADPHONE JACK	420-HDJ7100-063	W 402A 2P WIRE	404-COMBO-3781
JK 200 3P PHONE JACK	420-HMJ1001-5034-HA	W 811 4P WIRE	404-HPM11-1581
W 203 4P WIRE	404-COMBO-3762	RESISTORS	
O FERRITE CORE	415-VP9812-221-HA	R 18 CHIP RESISTOR	412-COMBO-1566
G DSP & POWER ASSY		R 2 CHIP RESISTOR	412-COMBO-1567
SEMICONDUCTORS		R 1 CHIP RESISTOR	412-900-987
Q 1 TRANSISTOR	416-FU800-367	R 10 CHIP RESISTOR	412-900-994
		R 3 CHIP RESISTOR	412-900-996
		CAPACITORS	
		C 38 ELEC.CAPACITOR	413-SPPW3-235
		C 35,36 CAPACITOR	413-SPPW3-236
		C 22,23 ELEC. CAPACITOR	413-SPPW3-238-HA
		C 34 ELEC.CAPACITOR	413-007USB-828
		C 41 ELEC. CAPACITOR	413-RMX30-883
		C 46-49 PORYESTER CAPACITOR	413-QSPAND-632
		C 30 CAPACITOR	413-HT8015-169
		C 40 ELEC. CAPACITOR	413-IS303-1071
		C 3,4,861-863,868,869,920 CHIP CAPACITOR	413-MC6000-1180
		C 921,926,927,929,931 CHIP CAPACITOR	413-MC6000-1180
		C 31,871 CAPACITOR	413-MC6000-1190
		C 866,867 ELEC.CAPACITOR	413-MC6000-1191-HA
		C 37 ELEC.CAPACITOR	413-HP1010K-200-HA
		C 21,858 ELEC.CAPACITOR	413-HMA2200-5017-HA
		C 42 ELEC. CAPACITOR	413-COMBO-1257

Mark No. Description

Part No.

Mark No. Description

Part No.

A

H Wi-Fi PCB ASSY**MISCELLANEOUS**

CN 806 8P SOCKET	404-HMD510-273
CN 803 6P SOCKET	404-HV3500K-630A
CN 810 4P SOCKET	404-HV3500K-629A
L 811 CHIP BEAD	415-EN2000-376

CAPACITORS

C 895-897 CHIP ELEC. CAPACITOR	413-45X-1241
C 898 CHIP ELEC. CAPACITOR	413-COMBO-1254
C 899 CHIP ELEC. CAPACITOR	413-COMBO-1253

B

I CD1 ASSY
SEMICONDUCTORS

Q 102-105 CHIP TRANSISTOR	416-MC6000-375
Q 106-112 CHIP TRANSISTOR	416-MC6000-374
Q 100,101 TRANSISTOR	416-CDN88-044
ZD 100,101 ESD DIODE	414-RMP3-285
ZD 102,104,105 CHIP ZENER DIODE	414-DJM4000-331-HA

D 131,132 SENSOR	417-HDJ2000-411
D 161 LED(RED/YELLOW GREEN)	410-PS2-185-HA
D 149 LED(RED)	410-DJ5000-253T
D 133,134,140,141,155 LED(YELLOW GREEN)	410-DJ5000-252T
D 157,158 LED(YELLOW GREEN)	410-DJ5000-252T

D 135,139,142,150,151,153 LED(YELLOW)	410-HDJ2000-162T
D 136-138,143-148,152 LED(BLUE)	410-CDI600-357T
D 154,156,159,160 LED(BLUE)	410-CDI600-357T

MISCELLANEOUS

CHASSIA PVC WIRE	406-COMBO-1256
CN 201 38P FFC SOCKET	404-COMBO-3723
CN 206 CONNECTOR	404-PDJ33-3584
IC 100 FIXED PLATE	300-VFD-2039
J 2,3 1P WIRE	406-D1PRO-923

J 1 LEAD WIRE	406-MX3000-720
L 107-109 CHIP BEAD	415-COMBO-422
L 101 COIL	415-HT8015-040
L 102-105 CHIP BEAD	415-IS201-382
L 106 CHIP BEAD	415-JKME3-369

L 100 POWER CHOKES	415-MC6000-356
SW 100-102,105,108,111 TACT SW	403-MC2-383
SW 115,119,120 TACT SW	403-MC2-383
SW 106,107,109,110,112-114 TACT SW	403-DDJLE-419-HA
SW 116-118,121-127 TACT SW	403-DDJLE-419-HA

SW 128 ENCODER	403-COMBO-423
SW 103,104 SWITCH	403-DDJLE-416
SW 129,130 ENCODER	403-COMBO-424
W 812 2P WIRE	404-COMBO-3763
O 1P GROUND WIRE	406-S1-1241

RESISTORS

VR 100 ROTARY VR	418-COMBO-698
R 129 CARBON FILM RESISTOR	412-3113-080
P 100 SLIDE VR	418-810-281A

CAPACITORS

C 112,120 ELEC. CAPACITOR	413-SPPW3-235-HA
C 115 ELEC. CAPACITOR	413-HMA2200-5017-HA
C 128,129,131 CHIP CAPACITOR	413-MC6000-1180
C 139 ELEC. CAPACITOR	413-DM1000-348

I CD2 ASSY
SEMICONDUCTORS

Q 102-105 CHIP TRANSISTOR	416-MC6000-375
Q 106-112 CHIP TRANSISTOR	416-MC6000-374
Q 100,101 TRANSISTOR	416-CDN88-044
ZD 100,101 ESD DIODE	414-RMP3-285
ZD 102,104,105 CHIP ZENER DIODE	414-DJM4000-331-HA

D 131,132 SENSOR	417-HDJ2000-411
D 149 LED(RED)	410-DJ5000-253T
D 133,134,140,141 LED(YELLOW GREEN)	410-DJ5000-252T
D 155,157,158 LED(YELLOW GREEN)	410-DJ5000-252T
D 135,139,142,150,151,153 LED(YELLOW)	410-HDJ2000-162T

D 136-138,143-148,152 LED(BLUE)	410-CDI600-357T
D 154,156,159,160 LED(BLUE)	410-CDI600-357T

MISCELLANEOUS

CHASSIA 2P GROUND WIRE	406-COMBO-1228
CN 204 36P FFC SOCKET	404-COMBO-3724
CN 206 CONNECTOR	404-PDJ33-3584
IC 100 FIXED PLATE	300-VFD-2039
J 2,3 1P WIRE	406-D1PRO-923

J 1,4 LEAD WIRE	406-MX3000-720
L 107-109 CHIP BEAD	415-COMBO-422
L 101 COIL	415-HT8015-040
L 102-105 CHIP BEAD	415-IS201-382
L 106 CHIP BEAD	415-JKME3-369

L 100 POWER CHOKES	415-MC6000-356
SW 100-102,105,108,111 TACT SW	403-MC2-383
SW 115,119,120 TACT SW	403-MC2-383
SW 106,107,109,110,112-114 TACT SW	403-DDJLE-419-HA
SW 116-118,121-124,126,127 TACT SW	403-DDJLE-419-HA

SW 128 ENCODER	403-COMBO-423
SW 103,104 SWITCH	403-DDJLE-416
SW 129,130 ENCODER	403-COMBO-424
W 812 2P WIRE	404-COMBO-3764
O 1P GROUND WIRE	406-S1-1240-HA

RESISTORS

VR 100 ROTARY VR	418-COMBO-698
R 129 CARBON FILM RESISTOR	412-3113-080
P 100 SLIDE VR	418-810-281A

CAPACITORS

C 112,120 ELEC. CAPACITOR	413-SPPW3-235-HA
C 115 ELEC. CAPACITOR	413-HMA2200-5017-HA
C 128-131 CHIP CAPACITOR	413-MC6000-1180
C 139 ELEC. CAPACITOR	413-DM1000-348

J SERVO ASSY
SEMICONDUCTORS

Q 101 TRANSISTOR	416-CDN88-045-HA
Q 102 TRANSISTOR	416-UJ300KM-386
Q 103,106 TRANSISTOR	416-CDN88-044
Q 104,105 CHIP TRANSISTOR	416-CDN88-051
D 102,103 INFRARED EMITTING	410-CDMIX1-147

MISCELLANEOUS

CN 101 17P SOCKET	404-MCU300-3615-HA
CN 106 3P SOCKET	404-HMD5000-784A-HA

Mark	No.	Description	Part No.
⚠	CN 102A	28P SOCKET	404-MCU300-3616-HA
	CN 105	4P SOCKET	404-DCM270E3-878A
	F 100	CHIP FUSE	422-HC1000-108
	L 104	BEAD	415-DCM370E3-134
	L 107-L109	CHIP BEAD	415-COMBO-417
	L 101-103,105,106	TDK CHIP BEAD	415-FU801-316
	SW 101	LEAF SW	403-MK9-259-HA

CAPACITORS

C 110	CHIP ELEC. CAPACITOR	413-45X-1243
C 114,128,132	CHIP ELEC. CAPACITOR	413-45X-1242
C 102,103,105,121,125	CHIP ELEC. CAPACITOR	413-45X-1241
C 151,157-160	CHIP ELEC. CAPACITOR	413-45X-1241
C 112	ELEC. CAPACITOR	413-SPPW3-305
C 113	CHIP ELEC. CAPACITOR	413-COMBO-1254
C 106,123	CHIP ELEC. CAPACITOR	413-COMBO-1253

A

B

C

D

E

F