SONY

COLOR VIDEO CAMERA

BVP-9500WS
BVP-9500WSP

Hyper HAD 1000

SUPER MOTION
VIDEO SYSTEM

MAINTENANCE MANUAL

1st Edition

Serial No. 10001 and Higher: BVP-9500WS (UC)
Serial No. 30001 and Higher: BVP-9500WS (J)
Serial No. 40001 and Higher: BVP-9500WSP (CE)

⚠警告

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お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

設置や保守，点検，修理などを行う前に，別冊のオペレーションマニュアルの「安全のために」を必ずお読みください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

Table of Contents

Manual Structure

Purpose of this manual ..... 7 (E)
Relative manuals ..... 7 (E)
Contents ..... 8 (E)

1. Service Overview

1-1. Circuit Description ..... 1-1 (E)
1-2. Function of Internal Switches ..... 1-5 (E)
1-2-1. TG-194 board ..... 1-5 (E)
1-2-2. TG-203A board ..... 1-6 (E)
1-2-3. DA-143 board ..... 1-7 (E)
1-2-4. EN-141 board ..... 1-8 (E)
1-2-5. AT-128 board ..... 1-9 (E)
1-3. Notes on Service ..... 1-10 (E)
1-3-1. Note on Replacement of Flash Memory ..... 1-10 (E)
1-3-2. Note on Replacement of EEPROM ..... 1-10 (E)
1-3-3. Circuit Protection Device ..... 1-10 (E)
1-3-4. Power Voltage Error Detection Circuit ..... 1-10 (E)
1-3-5. Note in Replacing the TG-194 Board ..... 1-11 (E)
1-3-6. Precautions on Heat Radiation Spring ..... 1-12 (E)
1-4. Replacing the Fan ..... 1-13 (E)
1-4-1. Replacing the Fans of the Left Panel ..... 1-13 (E)
1-4-2. Replacing the Front Fan ..... 1-15 (E)
1-4-3. Replacing the Top Fan ..... 1-17 (E)
1-5. Replacing External Connectors ..... 1-19 (E)
1-5-1. OHB Connector ..... 1-19 (E)
1-5-2. ANALOG/DIGITAL CA Connectors ..... 1-21 (E)
1-5-3. VF Connector ..... 1-23 (E)
1-5-4. REMOTE Connector ..... 1-24 (E)
1-5-5. TEST OUT Connector ..... 1-25 (E)
1-5-6. MIC 1 Connector ..... 1-26 (E)
1-5-7. LENS Connector ..... 1-27 (E)
1-6. Replacing Function Switches ..... 1-28 (E)
1-6-1. Side Switch Panel Block/MIC 1 LEVEL Control ..... 1-28 (E)
1-6-2. Front Switch Panel Block ..... 1-31 (E)
1-6-3. RET/MIC INCOM Switches ..... 1-32 (E)
1-6-4. TALLY Switch ..... 1-33 (E)
1-6-5. FILTER LOCAL/ND/CC Switches ..... 1-34 (E)
1-6-6. RET 1 Switch ..... 1-35 (E)
1-6-7. MIC POWER Switch ..... 1-35 (E)
1-7. Replacement of Filter Disk Unit ..... 1-36 (E)

1-8. Description on Flexible Card Wire ..... 1-37 (E)
1-8-1. Disconnecting/Connecting the Flexible Card Wire ..... 1-37 (E)
1-8-2. Forming Before Installation ..... 1-38 (E)
1-9. CCD Unit ..... 1-39 (E)
1-9-1. Precautions on Replacing the CCD Unit ..... 1-39 (E)
1-9-2. Description on CCD Block Number ..... 1-39 (E)
1-9-3. Replacing the CCD Unit ..... 1-40 (E)
1-10. Replacing Boards ..... 1-42 (E)
1-10-1. Replacing the PS-554 Board ..... 1-42 (E)
1-10-2. Replacing the PR-249, PR-248 and DA-143 Boards ..... 1-43 (E)
1-10-3. Replacing the MB-830 Board ..... 1-44 (E)
1-10-4. Driver board ..... 1-45 (E)
1-10-5. Boards Inside CCD Unit ..... 1-46 (E)
1-11. Setting/Adjusting Items after Replacing the Boards and Parts ..... 1-48 (E)
1-12. Tools and Fixtures ..... 1-48 (E)
1-13. Extension Board Usage ..... 1-49 (E)
1-14. Self-Diagnosis ..... 1-50 (E)

2. Maintenance Menu

2-1. Maintenance Menu ..... 2-1 (E)
2-2. Details of Maintenance Menu ..... 2-3 (E)
2-2-1. Description of Maintenance Menu Display ..... 2-3 (E)
2-2-2. System Setup Page ..... 2-4 (E)
2-2-3. Reference Store page ..... 2-5 (E)
2-2-4. Lens File Setup page ..... 2-6 (E)
2-2-5. OHB File Setup page ..... 2-7 (E)
2-2-6. Auto Iris Setup page ..... 2-8 (E)
2-2-7. Super Motion Setup page ..... 2-8 (E)
2-2-8. OHB Trimming page ..... 2-9 (E)

3. Electrical Alignment

3-1. Preparation ..... 3-1 (E)
3-1-1. Equipment required ..... 3-1 (E)
3-1-2. Notes on adjustment ..... 3-2 (E)
3-1-3. Connection ..... 3-2 (E)
3-1-4. Initial Settings ..... 3-3 (E)
3-1-5. Maintaining the Grayscale Chart ..... 3-5 (E)
3-2. Video Adjustment ..... 3-7 (E)
3-2-1. V Substrate Adjustment ..... 3-7 (E)
3-2-2. RPN Correction Adjustment ..... 3-9 (E)
3-2-3. OFFSET Adjustment ..... 3-11 (E)
3-2-4. TEST Signal Level Adjustment ..... 3-13 (E)
3-2-5. VA Gain Adjustment ..... 3-14 (E)
3-2-6. NR Gain Adjustment ..... 3-16 (E)
3-3. Encoder System Adjustment ..... 3-18 (E)
3-3-1. DA Output Level Adjustment (PR-248 Board) ..... 3-18 (E)
3-3-2. R Level Adjustment ..... 3-20 (E)
3-3-3. G Level Adjustment ..... 3-21 (E)
3-3-4. B Level Adjustment ..... 3-22 (E)
3-3-5. Y Level Adjustment ..... 3-23 (E)
3-3-6. VTR Y/R-Y/B-Y Level Adjustment ..... 3-24 (E)
3-3-7. CCU Y Level Adjustment ..... 3-26 (E)
3-3-8. CCU R-Y/B-Y Level Adjustment ..... 3-27 (E)
3-3-9. RET Level Adjustment ..... 3-28 (E)
3-3-10. VBS Y Level Adjustment ..... 3-29 (E)
3-3-11. I (V) Level Adjustment ..... 3-30 (E)
3-3-12. Q (U) Level Adjustment ..... 3-31 (E)
3-3-13. I/Q (V/U) Phase Adjustment ..... 3-32 (E)
3-3-14. Burst Adjustment ..... 3-33 (E)
3-3-15. INT SC Phase Adjustment ..... 3-34 (E)
3-3-16. MONITOR Gain Adjustment ..... 3-35 (E)
3-4. AD, DA System Adjustment ..... 3-36 (E)
3-4-1. Check of DA Gain Adjustment ..... 3-36 (E)
3-4-2. AD Gain Adjustment ..... 3-37 (E)
3-4-3. V Modulation Balance Adjustment ..... 3-38 (E)
3-4-4. AD PHASE Adjustment ..... 3-40 (E)
3-5. Filter Positioning Adjustment ..... 3-41 (E)
3-6. Adjustment After Replacement of ND Filter ..... 3-42 (E)

4. Spare Parts

4-1. Notes on Repair Parts 4-1
4-2. Exploded Views 4-2
4-3. Electrical Parts List 4-16
4-4. Supplied Accessories 4-82
4-5. Fixtures List 4-82

5. Semiconductor Pin Assignments

6. Block Diagrams

Block Diagram Index 6-1
Overall 6-3
DR-377 6-6
TG-203 6-6
PA-226 6-7
SH-69 6-8
VA-189 6-8
TG-194 6-9
VA-200 6-10
AD-157 6-11
MEM-98 6-12
DA-143 6-13
PR-248 6-15
PR-249 6-17
EN-141 6-18
AT-128 6-20

7. Schematic Diagrams

Schematic Diagram Index 7-1
PA-226 7-2
NR-65 7-3
VA-189 7-4
SH-69 7-6
DR-377 7-8
TG-194 7-10
TG-203 7-16
VA-200 7-20
AD-157 7-24
MEM-98 7-26
DA-143 7-31
PR-248 7-36
PR-249 7-47
EN-141 7-58
AT-128 7-64
PS-553 7-70
PS-554 7-73
MB-830 7-74
CN-1787 7-78
CN-1927 7-80
CN-1928 7-80
CN-1929 7-80
CN-1930 7-81
CN-2045 7-81
SW-1008 7-81
SW-1009 7-81
Frame Wiring 7-82
    SW-936 7-82
    SW-1010 7-82
    SW-1011 7-82
    SW-937 7-83
    CN-2095 7-84

8. Board Layouts

Board Layout Index 8-1
AD-157 8-3
AT-128 8-5
CN-1787 8-7
CN-1927 8-9
CN-1928 8-9
CN-1929 8-9
CN-1930 8-9
CN-2045 8-9
CN-2095 8-9
DA-143 8-11
DR-377 8-13
EN-141 8-15
MB-830 8-17
MEM-98 8-19
NR-65 8-21
PA-226 8-21
PR-248 8-23
PR-249 8-25
PS-553 8-27
PS-554 8-29
SH-69 8-31
SW-936 8-33
SW-937 8-33
SW-1008 8-33
SW-1009 8-33
SW-1010 8-33
SW-1011 8-33
TG-194 8-35
TG-203 8-37
VA-189 8-39
VA-200 8-41

Manual Structure

Purpose of this manual

This manual is the maintenance manual for Color Video Camera BVP-9500WS/9500WSP.
This manual describes the information items on maintenance, and items that premise the service based on the components parts, assuming use of system and service engineers.

Relative manuals

Besides this “maintenance manual” the following manuals are available for this unit.

- **BVP-9500WS/9500WSP Operation Manual (Supplied with this unit)**
  This manual is necessary for application and operation of this unit.

- **BVP-9500WS/9500WSP Installation and Maintenance Manual (Supplied with this unit)**
  This manual describes the installation and maintenance information that is necessary at the time of primary service, assuming use of system and service engineers.

- **BVP-900-Series System Manual BKP-9901 (Available on request)**
  This manual is necessary for connection and operation of this unit and other peripheral equipments.
  If this manual is required, please contact your local Sony Sales Office/Service Center.

- **“Semiconductor Pin Assignments” CD-ROM (Available on request)**
  This “Semiconductor Pin Assignments” CD-ROM allows you to search for semiconductors used in Communication System Solutions Network Company equipment.
  Semiconductors that cannot be searched for on this CD-ROM are listed in the maintenance manual for the corresponding unit. The maintenance manual contains a complete list of all semiconductors and their ID Nos., and thus should be used together with the CD-ROM.
  Part number: 9-968-546-XX

Contents

This followings are summaries of the each section for understanding the manual.

Section 1 Service Overview

Describes information about circuit description, replacement of part and notes on services.

Section 2 Maintenance Menu

Describes about the maintenance menu.

Section 3 Electrical Alignment

Describes electrical adjustment necessary for maintenance of the unit or replacement of parts.

Section 4 Spare Parts

Describes parts list, exploded views, supplied accessories and fixtures list used in the unit.

Section 5 Semiconductor Pin Assignments

Contains information on semiconductors used for the unit.
It includes a complete list of the semiconductors and their ID Nos. for retrieving information on “Semiconductor Pin Assignments” CD-ROM, which is available separately.
Please refer to this section together with the “Semiconductor Pin Assignments” CD-ROM.
Information on the semiconductors not contained in the CD-ROM at the time of issue of this manual, if any, is given in this section as well.

Section 6 Block Diagrams

Describes overall block diagram and the block diagrams for every circuit board.

Section 7 Schematic Diagrams

Describes schematic diagrams for every circuit board and frame wiring.

Section 8 Board Layouts

Describes board layouts for every circuit board.

Section 1
Service Overview

1-1. Circuit Description

The electrical circuit of the BVP-9500WS/9500WSP consists of the following blocks. This section describes each block separately.

- CCD drive block
- Power supply block
- Video signal processing block
- System control block

(1) CCD drive block

PA-226/226A/226B boards

The PA boards are a flexible boards. There are three PA boards for R, G and B channels. A CCD and its preamplifier are mounted on each board.

DR-377A board

CCD horizontal clock and reset gate drivers are mounted on the DR-377A board.
It supplies various pulses and voltages required for driving the CCD to the PA flexible boards.

TG-194 board

A CPU is mounted on the TG-194 board. The CPU performs data processing inside the CCD drive block according to various commands. It performs RPN correction also.

TG-203A board

CCD vertical clock drivers are mounted on the TG-203A board.
This board generates various pulses such as a CCD drive pulse and a sample pulse. These pulses are based on the clock PLL-locked by the VCO control voltage sent from the camera. The generated pulses are sent to the DR-377A and PA-226 boards.
This board generates the Vsub voltage and the reset gate pulse (RG) bias. They are supplied to the CCDs via the DR-377A board.

CN-2095 board

The CN-2095 board has a D-SUB 29-pin connector and performs interfacing with the camera.
RGB signals input from the VA-189 board are sent to the camera, while command data sent from the camera are sent to the TG-194 board.

SH-69 board

The SH-69 board generates black shading correction signals. The correction signals generated here are added to the main signal at the VA-189 board.

NR-65 board

The NR-65 board is a low pass filter for extracting the clock components of video signals sent from the PA-226 board.

VA-189 board

The VA-189 board switches the gain of video signals sent from the NR-65 board. It also generates the test signal.

(2) Power supply block

The UNREG power input from the camera adaptor is supplied to the PS-553/554 boards via the CN-1787 board. The PS-553 board generates +5.5V, +2.5V (Line 1 digital power supply), +3.3V, −5.5V, FAN A/B, and +9.3V power. The PS-554 board generates +2.5V (Line 2/3 digital power), −3.5V, +6.6V, +15.5V, and −11.5V power.
The power for tally drive is generated at the MB-830 board by the control signal from the AT-128 board and is supplied to the viewfinder. The UNREG power for the lens and viewfinder is the UNREG power from the camera adaptor.

(3) Video signal processing block

VA-200 board

The video signals sent from the CCD drive block are subject to the following signal processing in this block.

- Gain control
- White shading correction
- Flare correction
- Pre-knee correction

After this signal processing, the video signals are sent to the AD-157 board.

AD-157 board

The video signals sent from the VA-200 board are passed through the corresponding filters at ×1 speed and ×3 speed, and converted to digital signals by the 12-bit AD converter. The 12-bit digital signal is then output to the MEM-98 board.
H synchronization with the CCD drive block is performed by sending the VCO control DC to the CCD drive block. The VCO control DC is generated by PLL-processing the G channel signal of the AD input and the H signal input from the MEM-98 board.

MEM-98 board

The RGB 12-bit digital signals sent from the AD-157 board are processed as follows at ×1 speed and ×3 speed, and output to the DA-143 board. The signals input to the DA-143 board are output to the PR-248/249 boards without being processed.

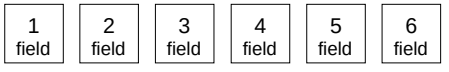
×1 speed processing:

Signals input to the MEM-98 board are output as the Line 1 signal from the MEM-98 board. No signals are output from Line 2 and Line 3 at this time.

×3 speed processing:

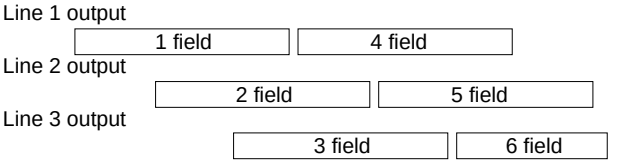
Signals input to the MEM-98 board are converted from ×3 speed to ×1 speed in the MEM-98 board. ×3 speed digital signals are input to the memory circuit by field, while the signals output from the memory are output as ×1 speed signals by field. ×3 speed signals are processed by the memory circuit as follows.

×3 speed signals



The ×3 speed signals above are input to the memory and then output from the memory as follows.

×1 speed signal after conversion



PR-248 board

The Line 1 digital signal sent from the DA-143 board is processed as follows in this board.

- Various detail corrections
- Linear matrix correction
- Knee correction
- Knee saturation correction
- Pedestal control
- Black gamma correction
- Gamma correction
- White clip
- Black clip
- 16:9/4:3 processing
- DA conversion

Digital signals are processed as 10-bit RGB digital signals, and output to the camera adaptor via the CA-1787 board. The analog signals converted in the DA circuit are sent to the EN-141 board.
This board outputs the following signals.

- White shading correction signal
- VF detail signal
- Various timing pulses

PR-249 board

The Line 2/3 digital signals sent from the DA-143 board are input to the PR-249 board via the PR-248 board. The PR-249 board performs the following processings for the Line 2/3 digital signals.

- Various detail correction
- Linear matrix correction
- Knee correction
- Knee saturation correction
- Pedestal control
- Black gamma correction
- Gamma correction
- White clip
- Black clip
- 16:9/4:3 processing
- Digital signal parallel/serial conversion

Digital signals of each line are processed as D1 format serial digital signals from 10-bit RGB digital signals, and output to the camera adaptor via the CA-1787 board.

DA-143 board

The DA-143 board processes digital shading signals sent from the PR-248 board as follows at ×1 and ×3 speeds.

Shading waveform when ×1 speed:
Digital signals input to the DA-143 board are DA-converted and output to the VA-200 board.

Shading waveform when ×3 speed :
Digital signals input to the DA-143 board are ×1 speed signals. They are therefore converted from ×1 speed to ×3 speed in the memory circuit. Signals converted to ×3 speed are DA-converted and output to the VA-200 board.

EN-141 board

YRGB signals sent from the PR-248 board are converted to Y/R-Y/B-Y signals in the matrix circuit, added with the REF signal of the CCU, and output to the camera adaptor.
The R-Y/B-Y signals are converted to chroma signals in the encoder circuit, and added with the Y signal to generate the VBS signal.
The R, G, B and VBS signals selected are sent to the TEST OUT connector and RM (remote controller).
The zebra, character and cursor, etc. are added for the VF signal.
The external synchronization for single usage is performed as follows. The GENLOCK signal input to the camera adaptor is separated into the EXT SYNC signal and EXT SC signal. The EXT SYNC signal is sent to the PR-248 board, compared with the SC signal input from PR-248 board to control the frequency of the 4 Fsc oscillator. In single use. The 4 Fsc generator serves as the reference signal source of the camera.

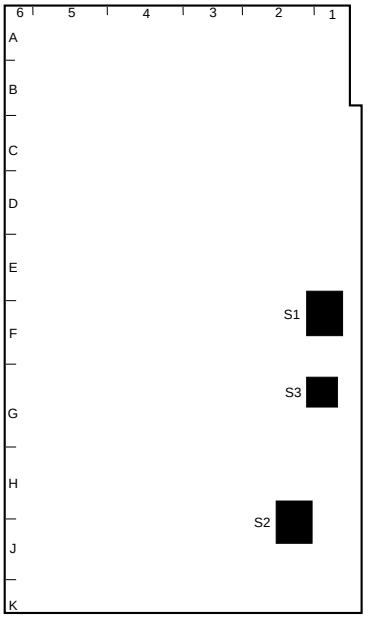
(4) System control block

The AT-128 board performs information control inside the camera and information exchange with outside using the 32-bit RISC microprocessor. The CCU performs communication using serial data via the camera adaptor. The main functions of the system control block are as follows.

- Controls the camera based on information from the CCU
- Transmits camera head information such as self-diagnosis results and iris position to the CCU
- Control of various files
- Transmission and reception of OHB files with the microprocessor in the CCD unit
- Auto setup
- Generation of characters for the viewfinder

1-2. Function of Internal Switches

1-2-1. TG-194 board



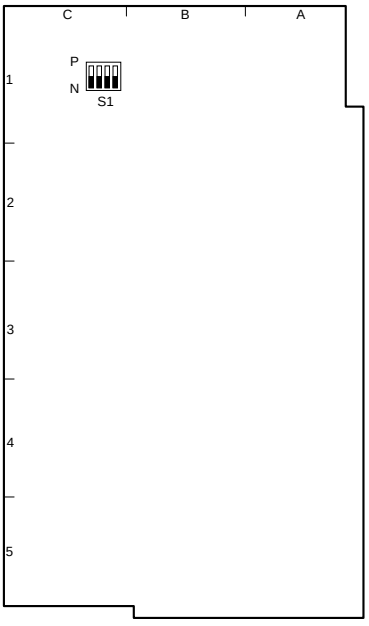
TG-194 BOARD (B SIDE)

Note

Never change the settings of the “Factory use” switches.

Ref. No.	Switch name	Description	Factory setting
S1	—	Factory use	Momentary
S2	BLM CORRECT OFF	Press this switch to check for RPN correction points.	Momentary
S3	—	Factory use	Fully clockwise

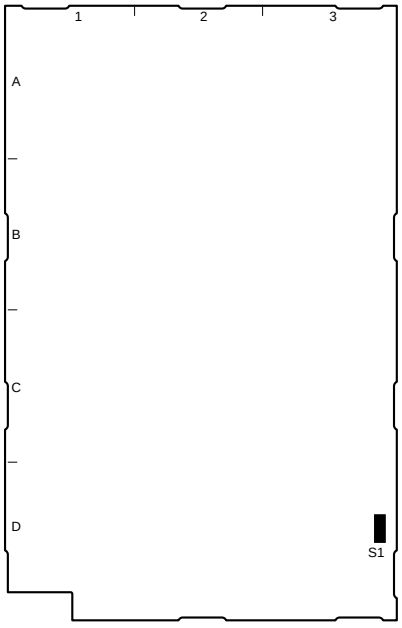
1-2-2. TG-203A board



TG-203A BOARD (B SIDE)

Ref. No.	Switch name	Description	Factory setting
S1-1	N/P	To be fixed according to model N: NTSC model (BVP-9500WS) P: PAL model (BVP-9500WSP)	N (BVP-9500WS) P (BVP-9500WSP)
S1-2 to 4	—	Not used	OFF

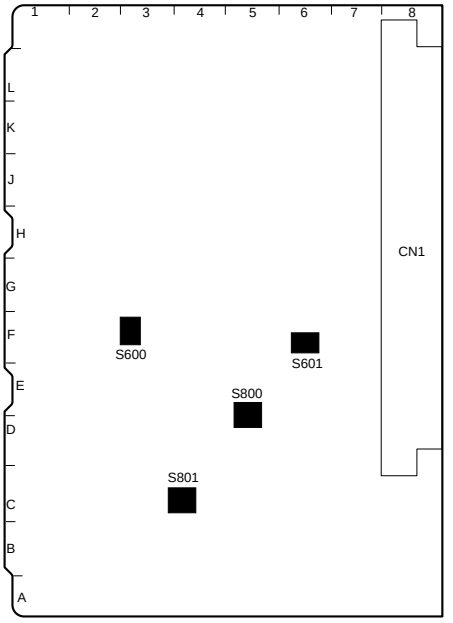
1-2-3. DA-143 board



DA-143 BOARD (B SIDE)

Ref. No.	Switch name	Description	Factory setting
S1	—	Factory use (for programming FPGA) For detail contact Sony Sales Office/Service Center.	Don’t care.

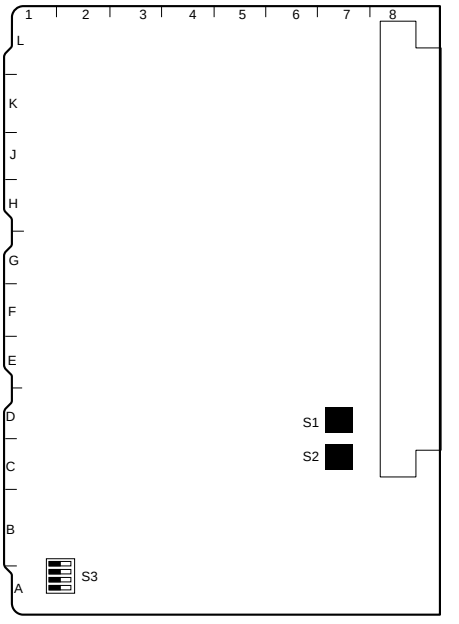
1-2-4. EN-141 board



EN-141 BOARD (A SIDE)

Ref. No.	Switch name	Description	Factory setting
S800	RET/REF select switch	Selects the return signal to be output to the viewfinder during standalone operation Be sure to set this switch to RET position while connecting with the CCU RET: PB VIDEO signal REF: GENLOCK VIDEO signal	RET
S801	TEST OUT select switch	Selects the output signal at the TEST OUT connector, the camera output or return output CAM: Camera output RET: Return output	CAM
S600-1	Q/U signal ON/OFF switch	Use when adjusting VBS Q/U signals.	ON
S600-2	I/V signal ON/OFF switch	Use when adjusting VBS I/V signals.	ON
S601-1	Chroma signal ON/OFF switch	Use when setting chroma signals to OFF.	ON
S601-2	—	Not used	ON

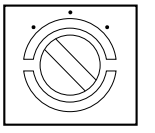
1-2-5. AT-128 board



AT-128 BOARD (A SIDE)

Note

Never change the settings of the “Factory use” switches.

Ref. No.	Switch name	Description	Factory setting
S1 S2	—	Factory use	
S3-1 to 3	—	Factory use	OFF
S3-4	ON/OFF	Set to ON when the OHB Trimming page of the maintenance menu is displayed. (Refer to Section 2.) **Note** Be sure to reset this switch to OFF after using the OHB trimming page during adjustment.	OFF

1-3. Notes on Service

1-3-1. Note on Replacement of Flash Memory

The flash memories (IC8 and IC9) are mounted on the AT-128 board. The program has been written into them at the factory.
If the flash memory requires replacing, be sure to replace it with written one.
For details, contact your local Sony Sales Office/Service Center.

1-3-2. Note on Replacement of EEPROM

The stored data of EEPROM on the AT-128 board is as shown below.

Ref.No.	Stored data
IC7, IC50	Reference file, Scene file and Lens file

When replacing either of the above EEPROMs, all data stored in memory will be lost. After replacing the EEPROM, register the above files.

1-3-3. Circuit Protection Device

The CN-1930, MB-830 and PS-553 boards are provided with positive thermistors for power line to protect circuits. This device limits a current by steeply increasing the inner resistance when the device rises to a certain temperature due to overcurrent or high ambient temperature. If the device is activates once, turn off the power and check an equipment concerned; camera or other equipment connected to the LENS or REMOTE connector of the camera. After the cause is eliminated and the device cools off, turn on the power again. If there is no trouble, the unit will operate normally. It takes about a minute for the device to cool off after powering off the unit.

Board	Ref No.	Address	Equipment protected
CN-1930	THP1	—	Equipment connected to REMOTE connector
MB-830	THP1	A5 (A side)	Equipment connected to LENS connector
PS-553	THP1	E1 (A side)	Power supply for fans

1-3-4. Power Voltage Error Detection Circuit

The PS-553 and PS-554 boards has the detection circuit of abnormal power voltage. If an abnormal voltage is detected, the circuit will stop powering.
When the circuit stops powering by detecting an abnormal voltage, turn off the power and eliminate the problems, and then turn on the power again.

1-3-5. Note in Replacing the TG-194 Board

When replacing the TG-194 board with a new one, remove the two PROMs (IC12 and IC24) on the new board and replace them with the PROMs that were mounted on the former TG-194 board.

Note in Replacing a PROM

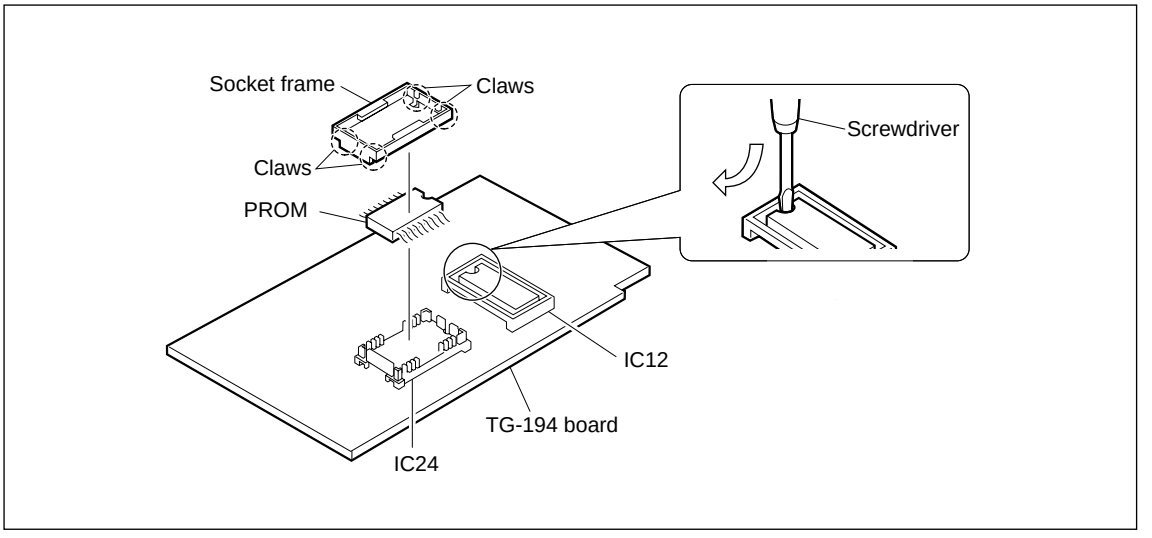
To remove a PROM, remove its socket frame.
This socket frame is so fragile. When removing the socket frame, therefore, it is recommended to use a special removing tool listed below.

IC socket removing tool: Sony part No. J-6394-110-A
Socket frame: Sony part No. 1-540-194-12

If it is not available, use a small slotted screwdriver or similar item as a substitute for it. To remove the socket frame by using a screwdriver, proceed as follows.

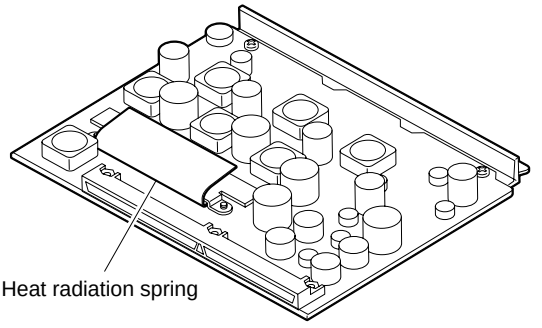
Removing a socket frame (by using a screwdriver)

Insert the screwdriver as shown in the figure and push it lightly in the direction of the arrow to unhook the frame socket.

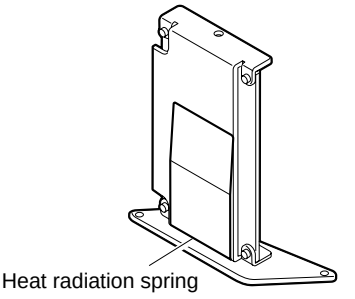


1-3-6. Precautions on Heat Radiation Spring

The PS-553 board and PS-554 board are equipped with a heat radiation spring. There will be no heat radiation effects if the heat radiation spring does not touch the chassis. Therefore when handling the PS-553 and/or PS-554 board, be very careful not to distort the spring. Also when installing the board, make sure that the heat radiation spring is touching the chassis.



PS-553 board



PS-554 board

1-4. Replacing the Fan

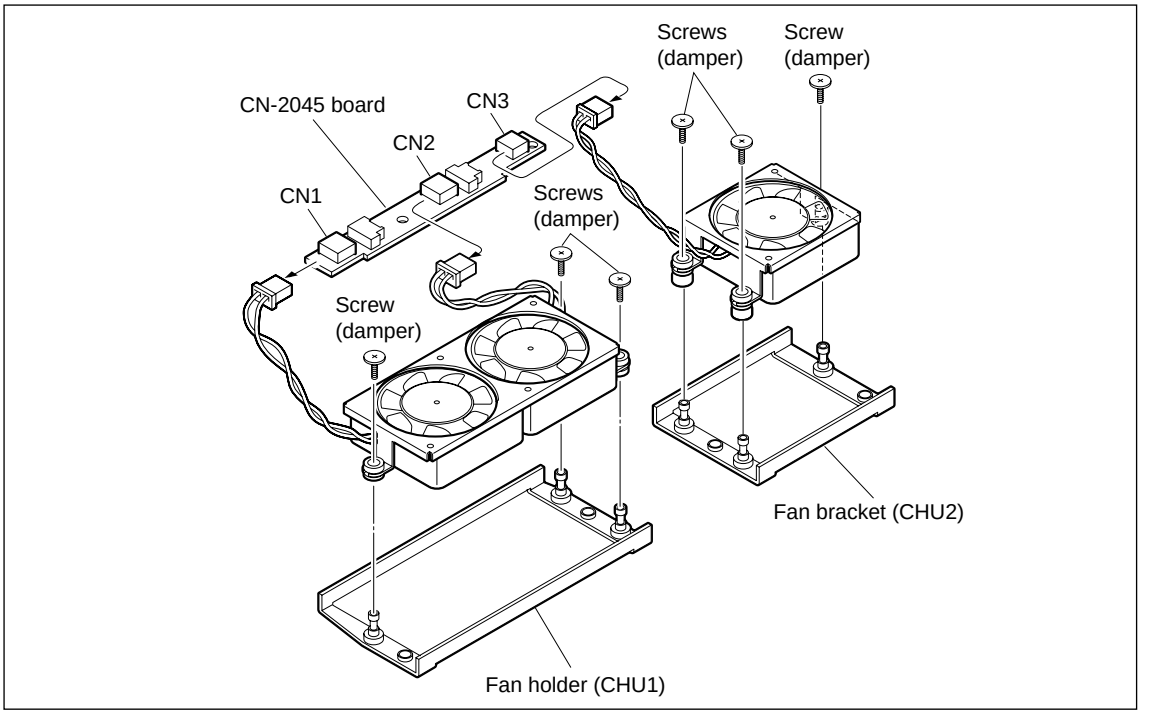
CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

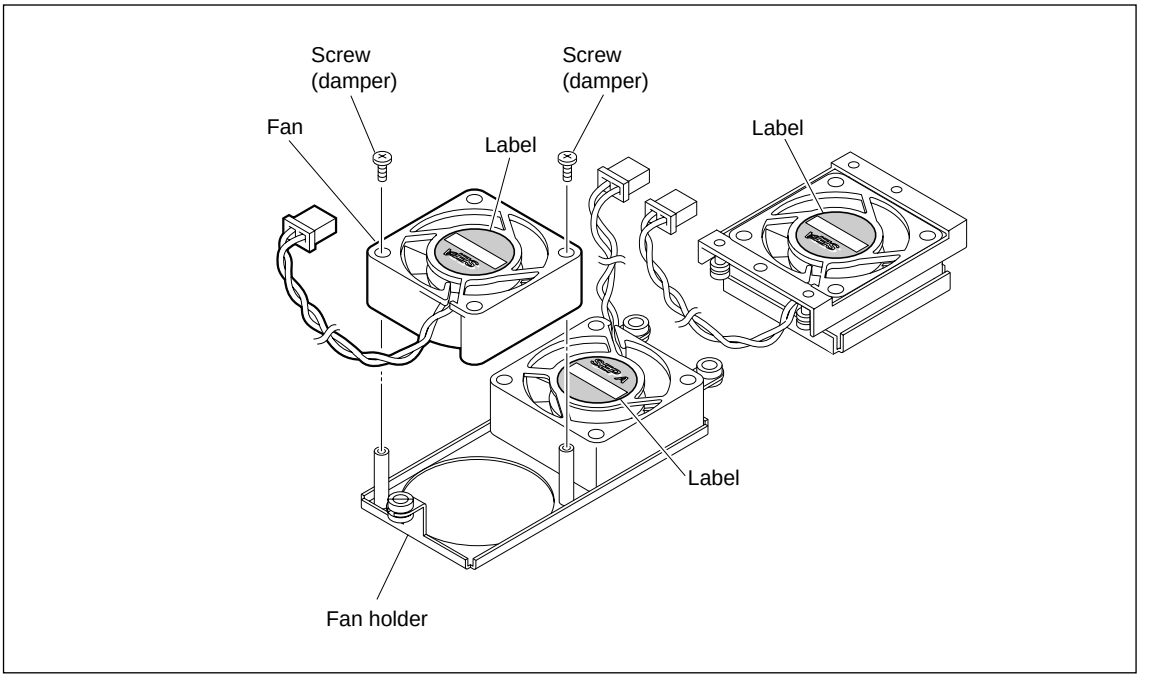
This unit is provided with the five fans.
They are recommended to be replaced every two years.
Sony part No. : 1-698-236-3X

1-4-1. Replacing the Fans of the Left Panel

1. Remove the left panel, and remove the CN-2045 board and two fan assemblies. (Refer to Section 2-1 in the Installation and Maintenance Manual.)
2. Disconnect the harness connectors from the CN1, CN2 and CN3 connectors of the CN-2045 board.
3. Three screws of fan, which it wants to exchange are removed, and remove the fan holder (CHU1) or fan bracket (CHU2).



4. Remove the two screws, and remove the fan.



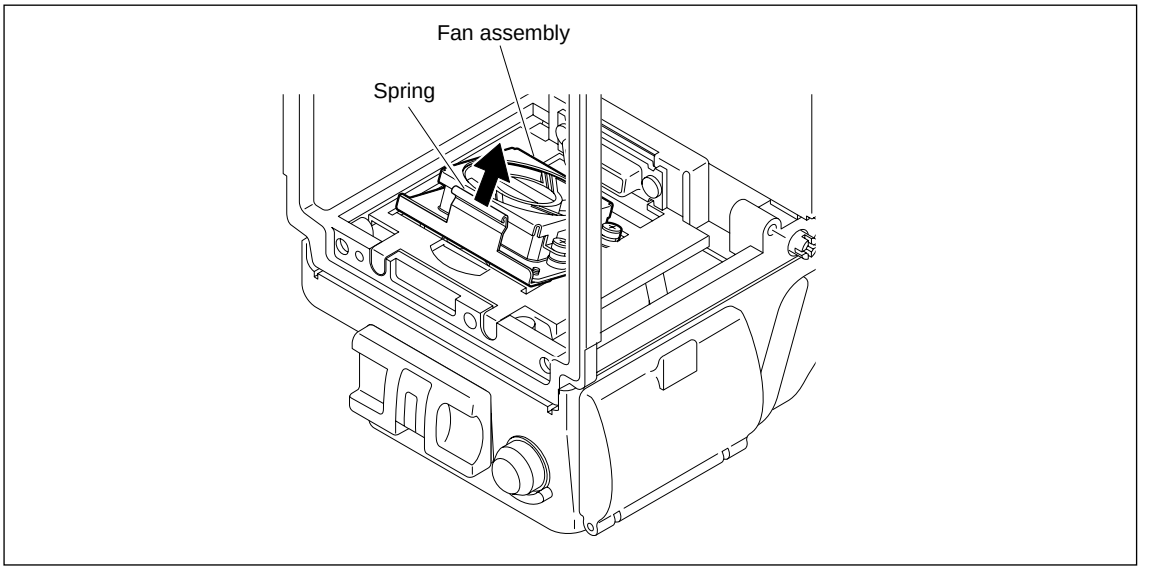
5. Install the new fan in the reverse order of removal.

Note at installation

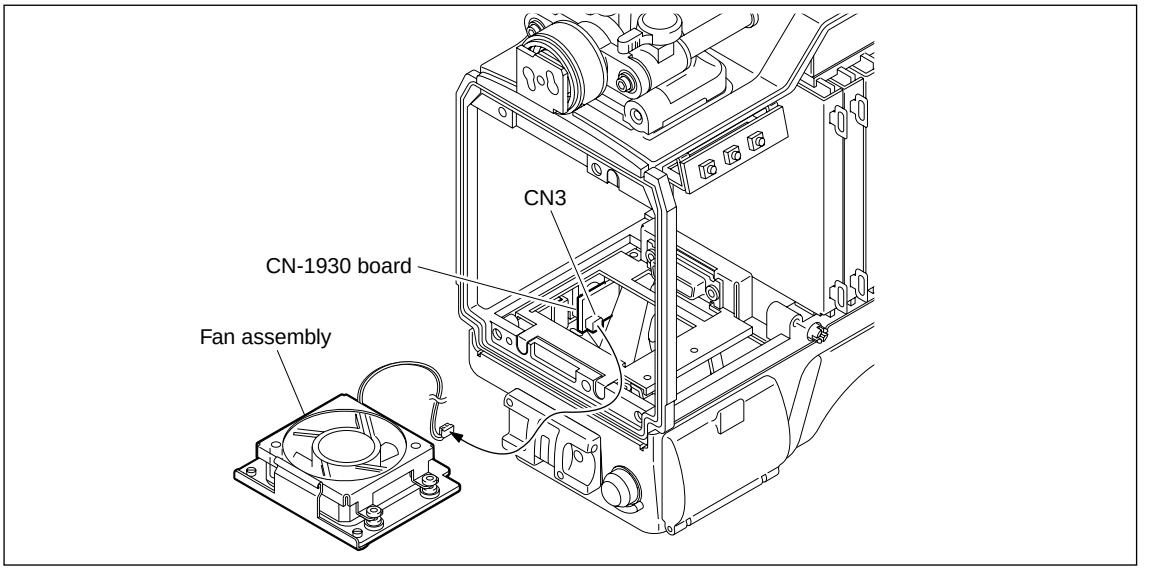
Install the fan to the fan holder with care so that the label faces the bracket as shown in the figure for step 4.

1-4-2. Replacing the Front Fan

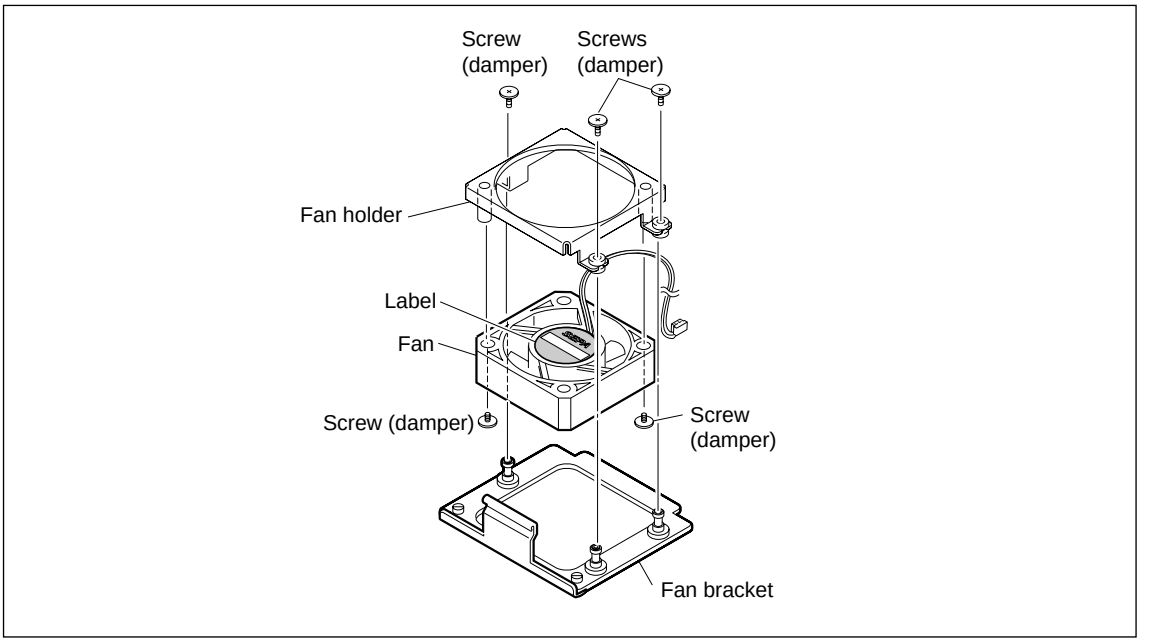
1. Remove the CCD unit. (Refer to Section 1-9-3.)
2. Lift up the spring of the fan assembly, and remove the fan assembly.



3. Disconnect the harness connector from the CN3 connector on the CN-1930 board.



4. Remove the three screws, and remove the fan bracket.
5. Remove the two screws, and remove the fan holder.



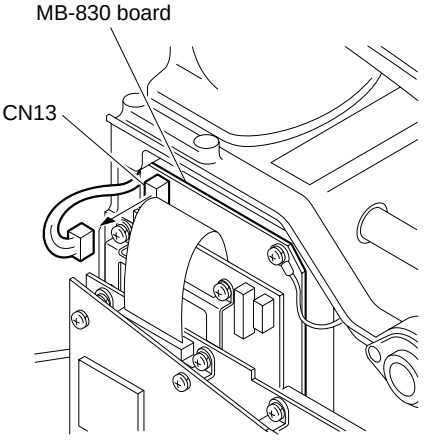
6. Install the new fan in the reverse order of removal.

Note at installation

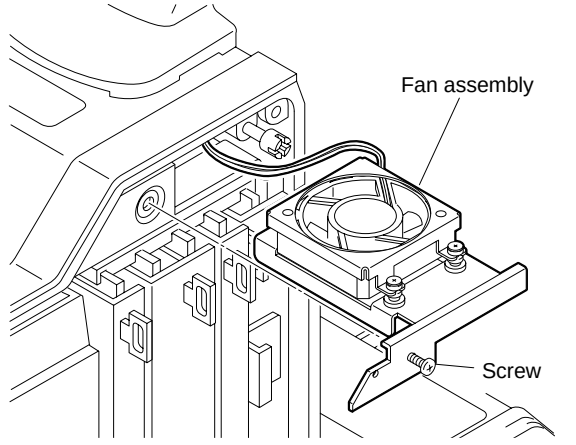
Install the fan to the fan holder with care so that the label faces the bracket as shown in the figure for step 5.

1-4-3. Replacing the Top Fan

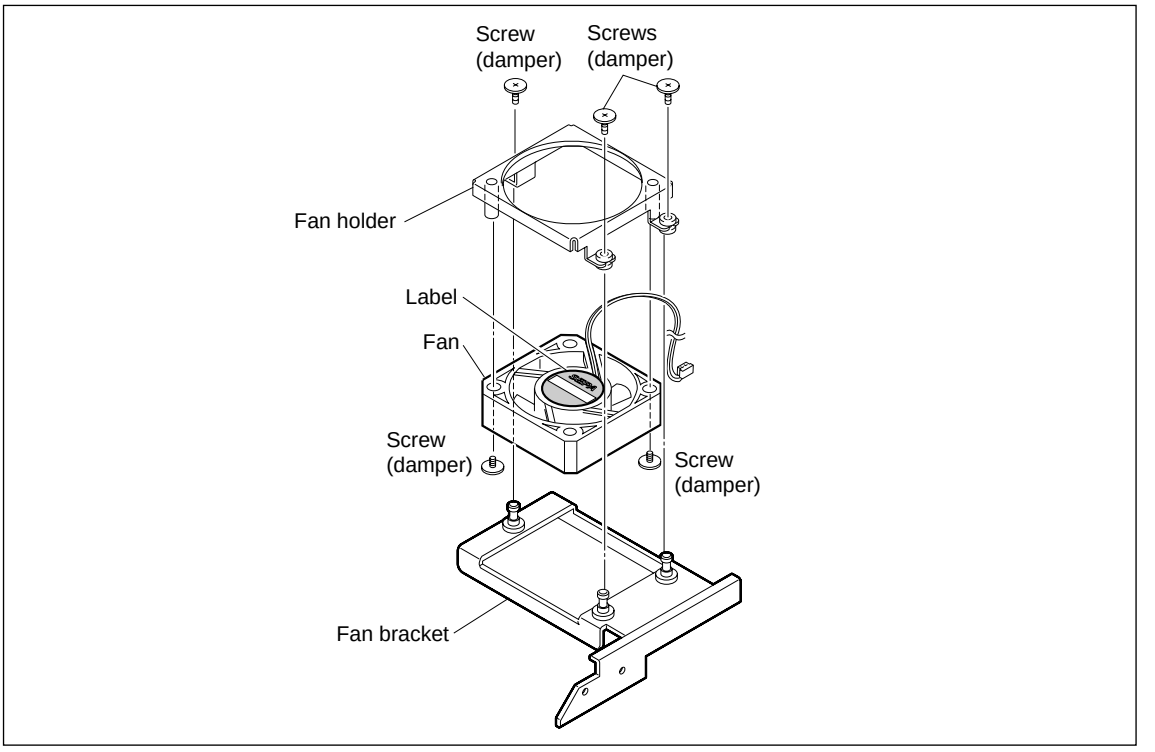
1. Remove the both side panels. (Refer to Section 1-4 in the Installation and Maintenance Manual.)
2. Disconnect the harness connector from the CN13 connector of the MB-830 board.



3. Loosen one screw, and pull out the fan assembly.



4. Remove the three screws, and remove the fan bracket.
5. Remove the two screws, and remove the fan holder.



6. Install the new fan in the reverse order of removal.

Note at installation

Install the fan to the fan holder with care so that the label faces the bracket as shown in the figure for step 5.

1-5. Replacing External Connectors

1-5-1. OHB Connector

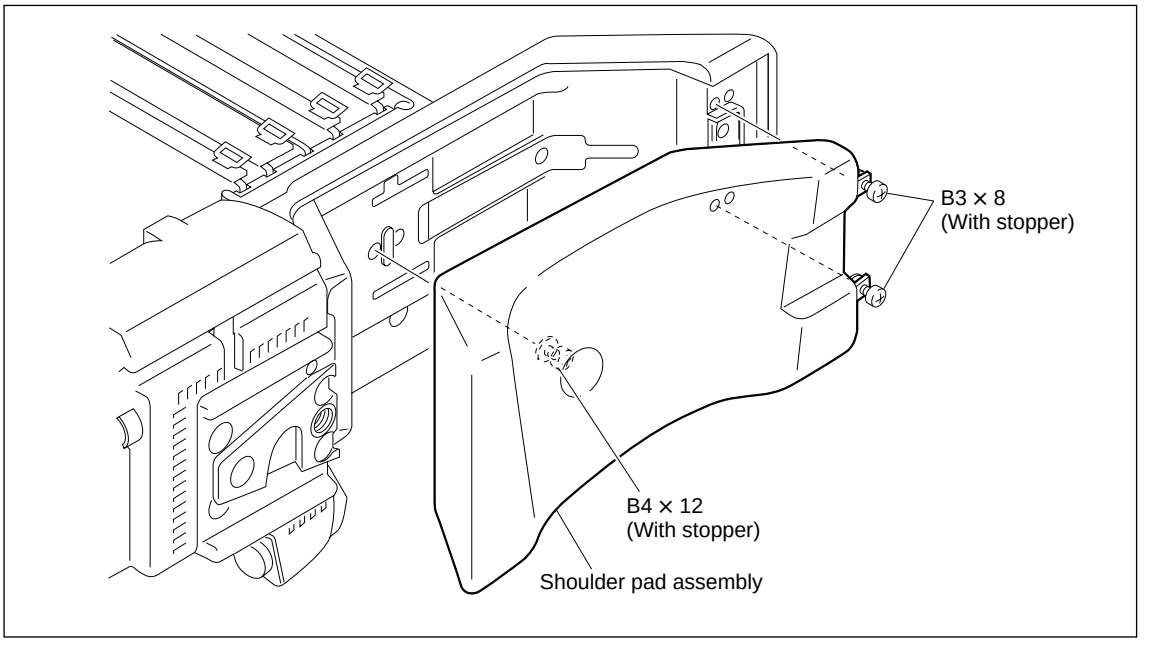
CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

Note

When replacing the OHB connector, replace the CN-1928 board with new one.

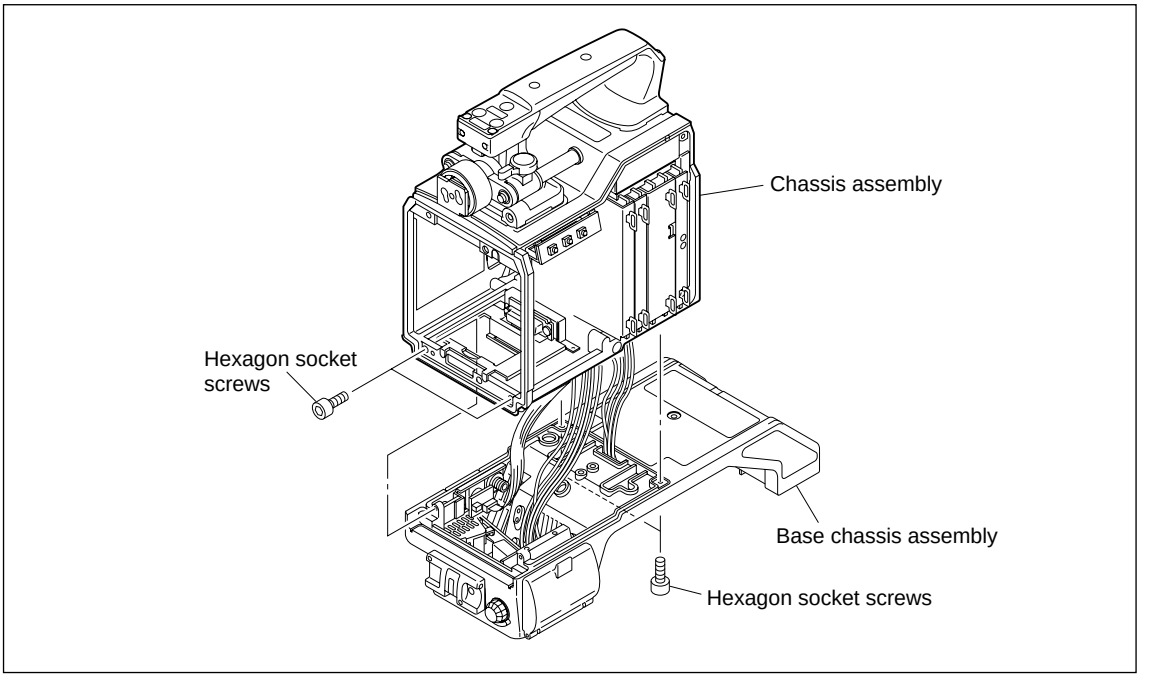
1. Remove the CCD unit. (Refer to Section 1-9-3.)
2. Remove the front fan assembly. (Refer to Section 1-4-2.)
3. Loosen the three screws to remove the shoulder pad assembly.



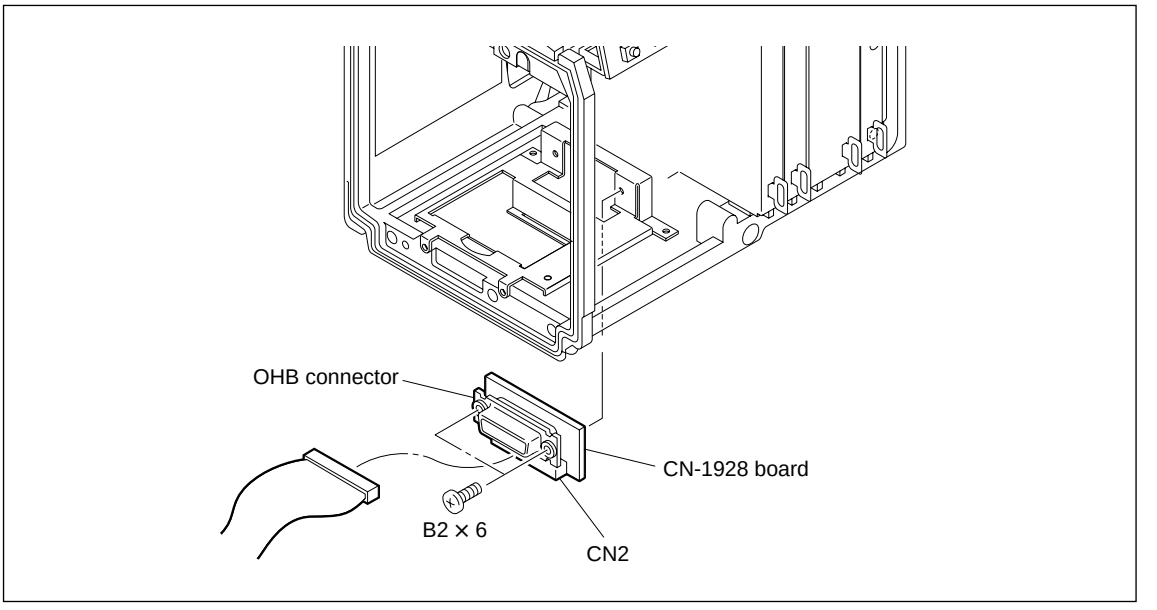
4. Remove the four hexagon socket screws by an Allen wrench (width across flats: 2.5 mm), and separate the chassis assembly and base chassis assembly.

Note

Chassis assembly and base chassis assembly are connected with harnesses. Be careful not to damage harnesses.



5. Remove the two screws and pull out the CN-1928 board.
6. Disconnect the harness from the CN2 connector on the CN-1928 board.



7. Install a new CN-1928 board in the reverse order of removal.

1-5-2. ANALOG/DIGITAL CA Connectors

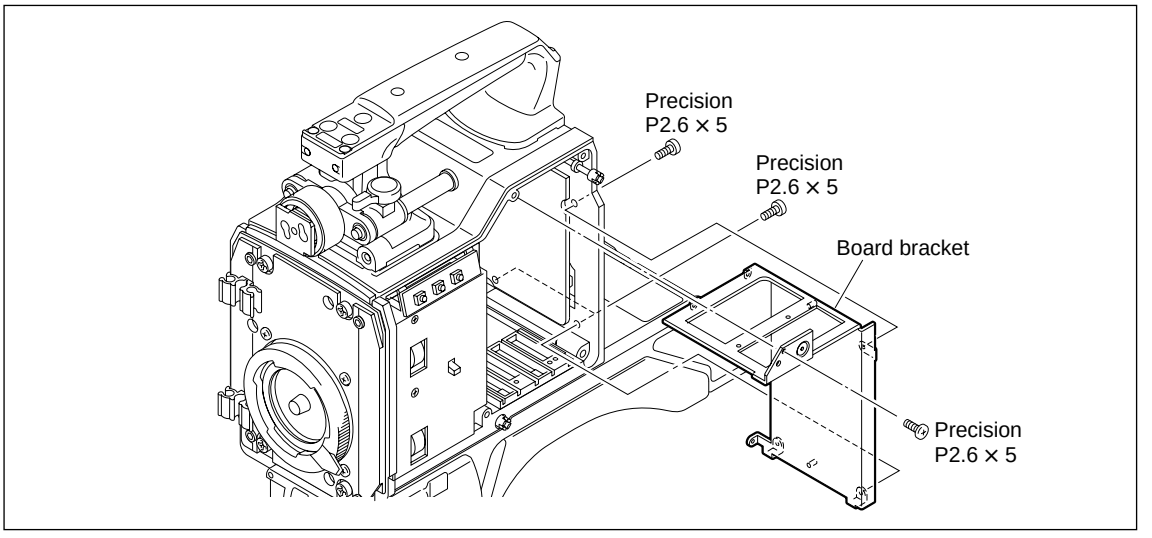
CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

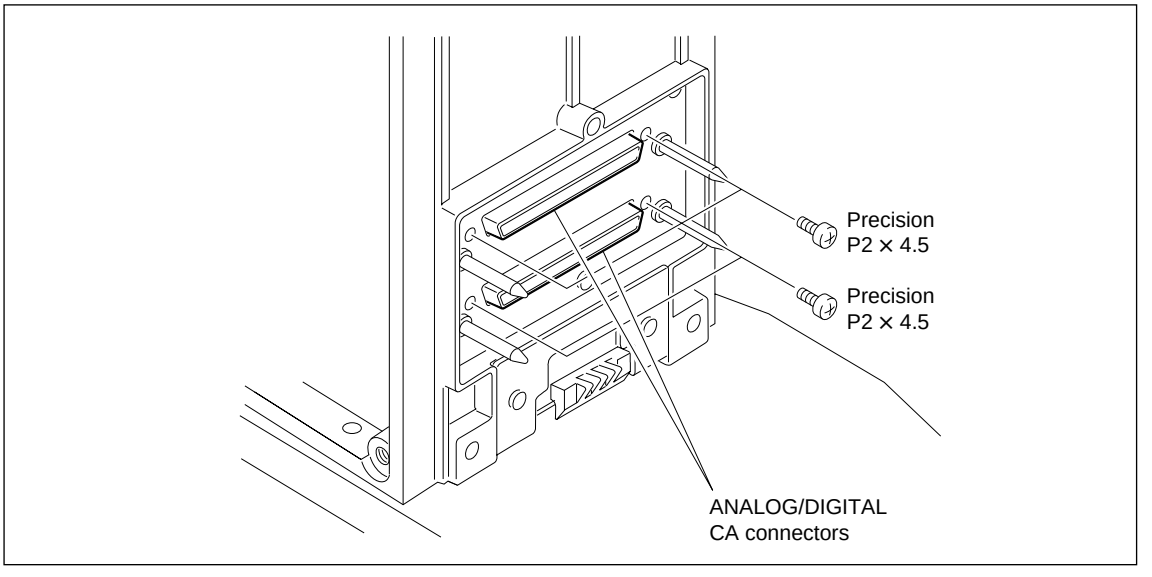
Notes

- When replacing the ANALOG/DIGITAL CA connectors, replace the CN-1787 board with new one.
- Refer to Section 1-8 for details on disconnecting/connecting the flexible card wire.

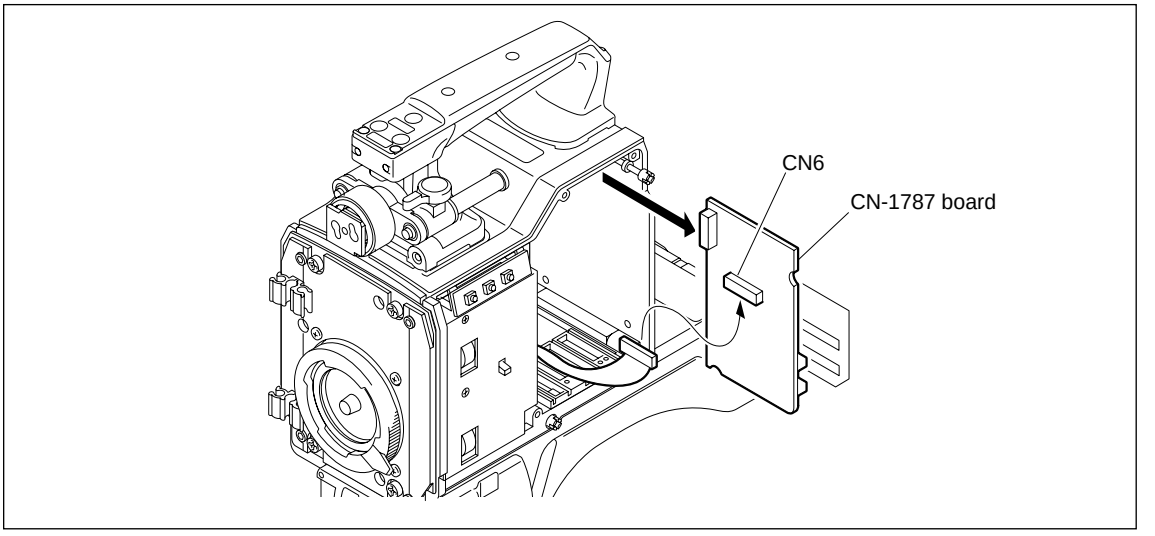
1. Remove the both side panels. (Refer to Section 1-4 in the Installation and Maintenance Manual.)
2. Remove the all plug-in boards from the camera.
3. Remove the top fan assembly. (Refer to Section 1-4-3.)
4. Remove the four screws, and remove the board bracket.



5. Remove the five screws securing the ANALOG/DIGITAL CA connectors.



6. Disconnect the harness connector from the CN6 connector on the CN-1787 board and pull out the CN-1787 board.



7. Install a new CN-1787 board in the reverse order of removal.

1-5-3. VF Connector

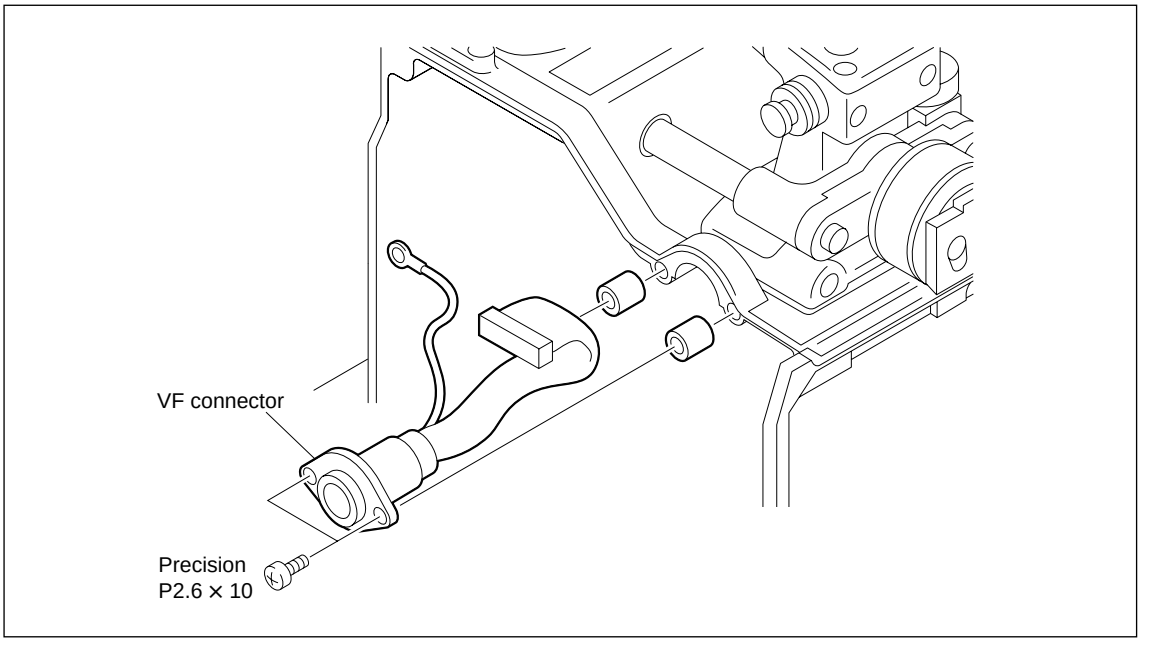
CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

Note

Refer to Section 1-8 for details on disconnecting/connecting the flexible card wire.

1. Remove the board bracket. (Refer to steps 1 to 5 of Section 1-5-2.)
2. Remove the two screws (Precision P2.6 × 10) and pull out the VF connector with harness.



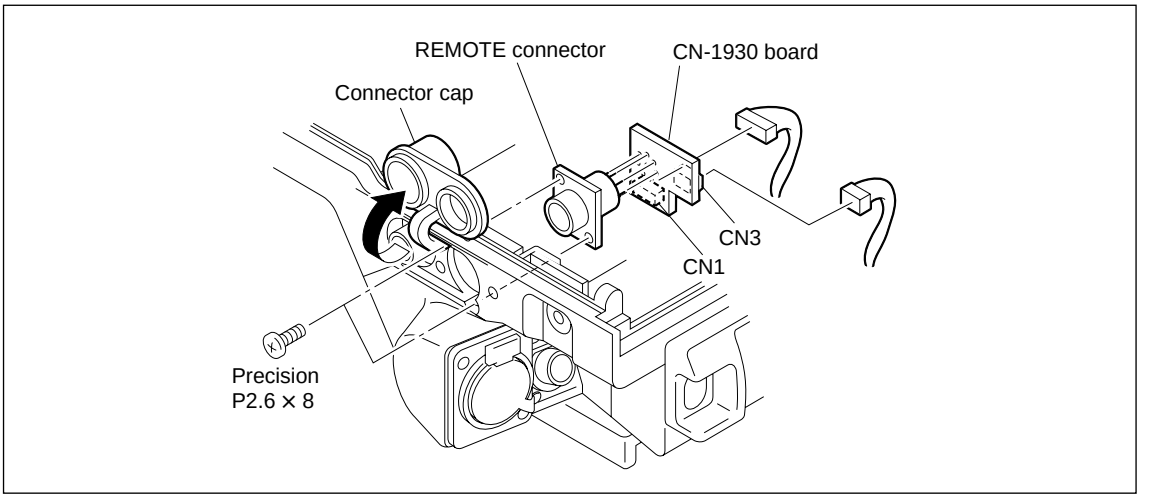
3. Install a new VF connector in the reverse order of removal.

1-5-4. REMOTE Connector

CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

1. Separate the chassis assembly and base chassis assembly. (Refer to steps 1 to 4 of Section 1-5-1.)
2. Unfasten the connector cap from the connector.
3. Disconnect the harness connector from the CN1 connector on the CN-1930 board.
4. Remove the two screws securing the REMOTE connector, and remove the REMOTE connector.
5. Desolder the REMOTE connector.



6. Install a new REMOTE connector in the reverse order of removal.

1-5-5. TEST OUT Connector

CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

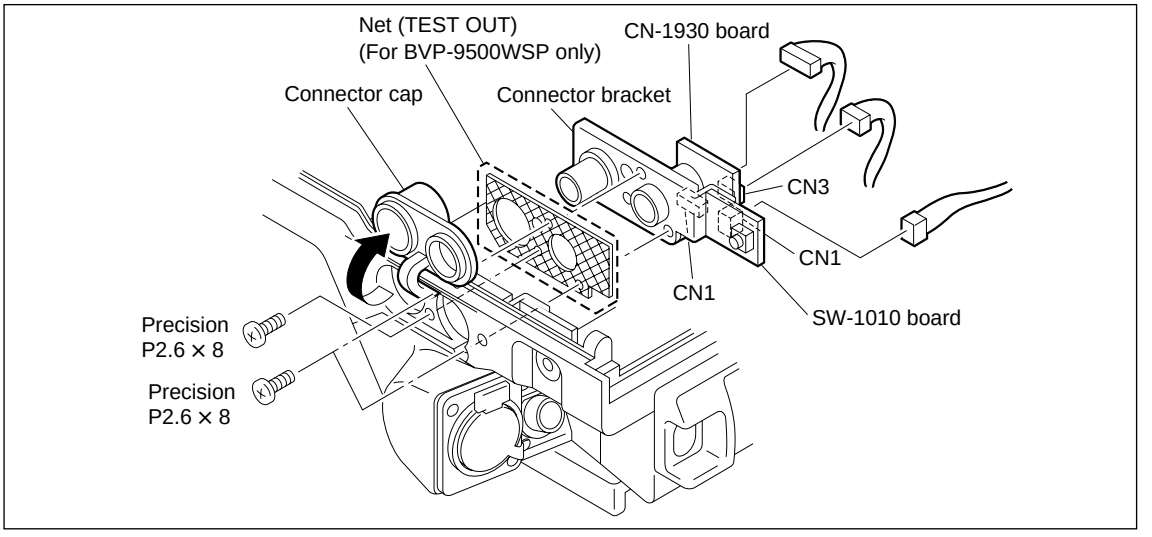
Note

Refer to Section 1-8 for details on disconnecting/connecting the flexible card wire.

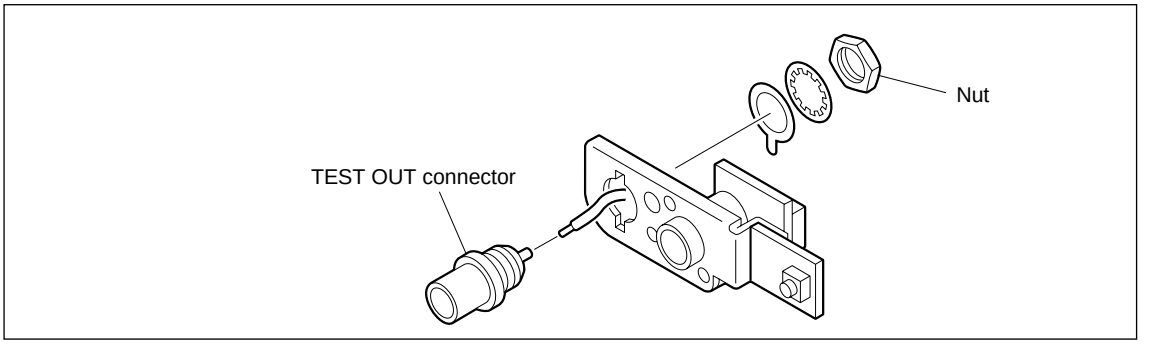
1. Remove the both side panels. (Refer to Section 1-4 in the Installation and Maintenance Manual.)
2. Remove the all plug-in boards from the camera.
3. Remove the PR-249, PR-248 and DA-143 boards. (Refer to Section 1-10-2.)
4. Disconnect the harness connector from the CN15 connector on the MB-830 board, and remove a screw.
5. Separate the chassis assembly and base chassis assembly. (Refer to steps 1 to 4 of Section 1-5-1.)
6. Disconnect the harness connectors from the CN1 and CN3 connectors on the SW-1010 board.
7. Unfasten the connector cap from the connector.
8. Remove the three screws, and remove the connector bracket.

   Note for BVP-9500WSP only

   At this step, net (TEST OUT) comes off together.



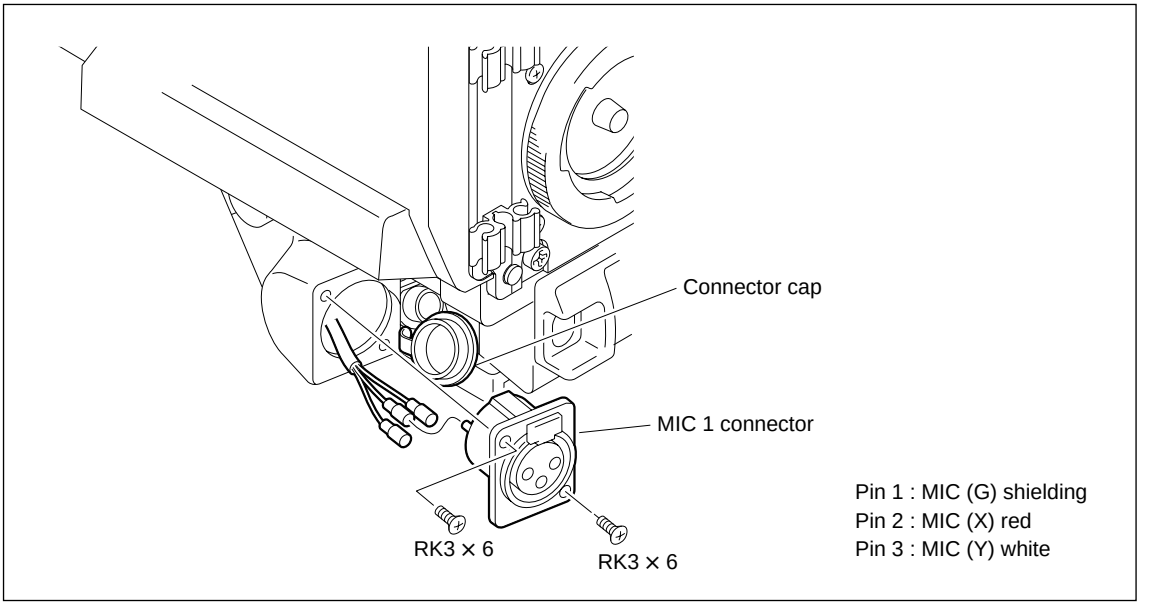
9. Desolder the TEST OUT connector.
10. Remove the nut to remove the TEST OUT connector.



11. Install a new TEST OUT connector in the reverse order of removal.

1-5-6. MIC 1 Connector

1. Unfasten the connector cap from the connector.
2. Remove the two screws and pull out the MIC 1 connector.
3. Desolder MIC 1 connector.



4. Install a new MIC 1 connector in the reverse order of removal.

1-5-7. LENS Connector

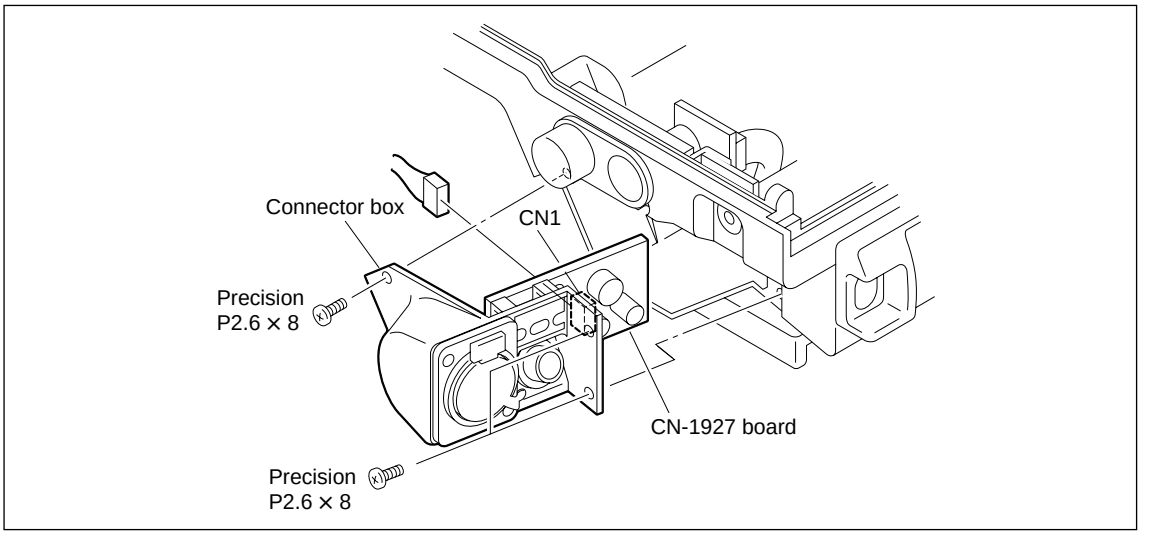
CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

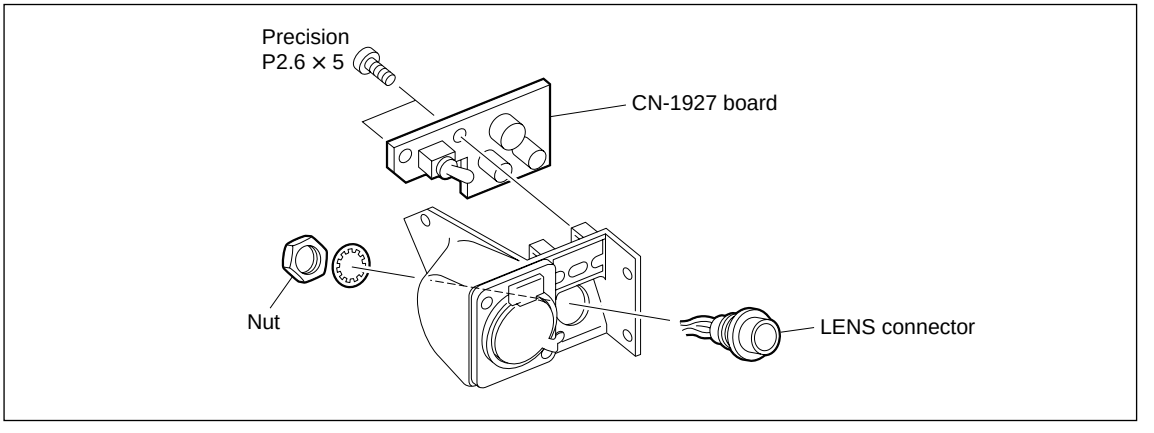
Note

Refer to Section 1-8 for details on disconnecting/connecting the flexible card wire.

1. Remove the MB-830 board. (Refer to Section 1-10-3.)
2. Separate the chassis assembly and base chassis assembly. (Refer to steps 1 to 4 of Section 1-5-1.)
3. Remove the three screws, and disconnect the harness connector from the CN1 connector on the CN-1927 board.
   Remove the connector box.



4. Remove the two screws, and remove the CN-1927 board.
5. Remove the nut and pull out the LENS connector with harness.



6. Install a new LENS connector in the reverse order of removal.

Note at installation

When installing the LENS connector, check that pin 1 is on the upper side of connector.

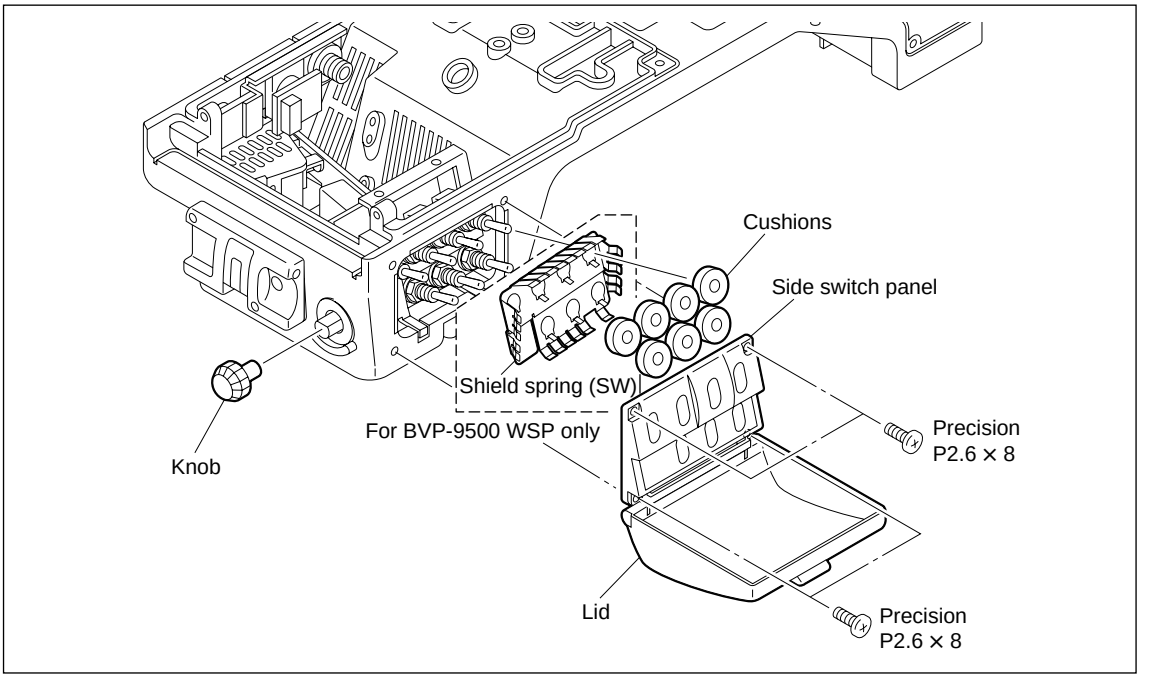
1-6. Replacing Function Switches

1-6-1. Side Switch Panel Block/MIC 1 LEVEL Control

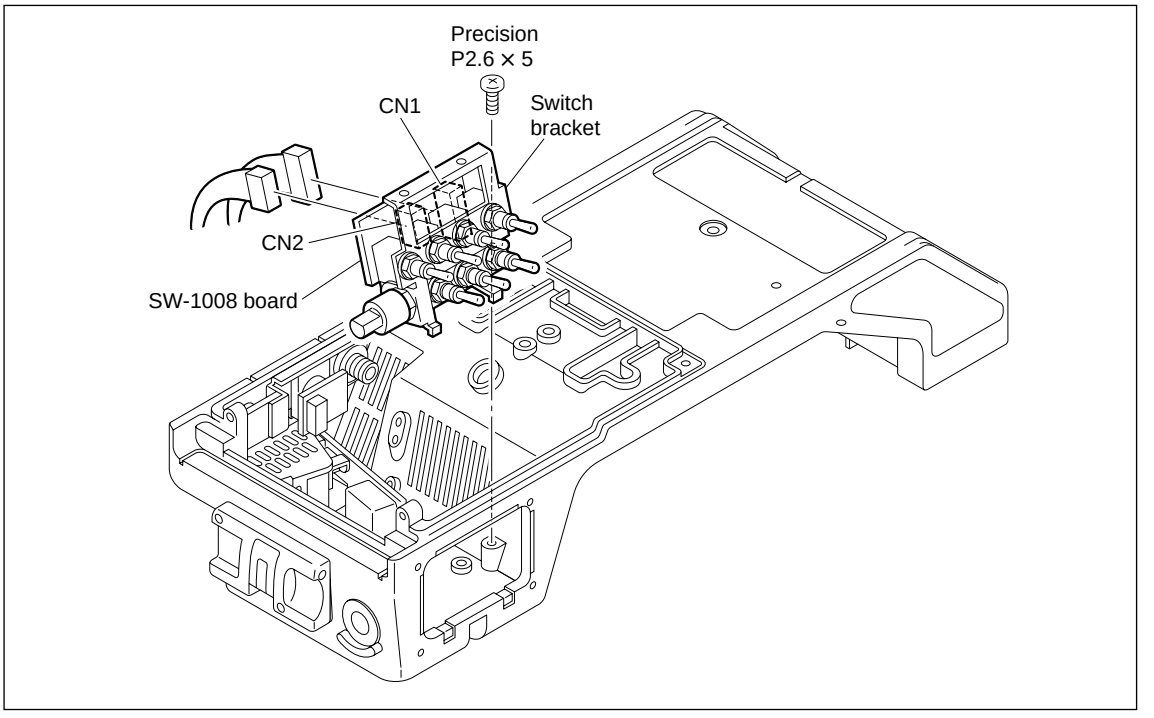
CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

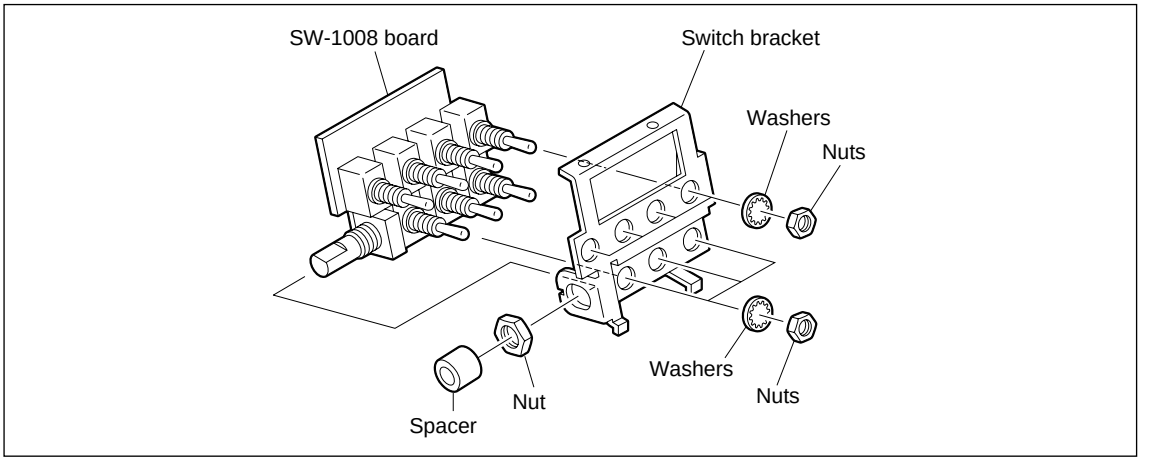
1. Separate the chassis assembly and base chassis assembly. (Refer to steps 1 to 4 of Section 1-5-1.)
2. Remove the MIC1 LEVEL control knob.
3. Open the lid. Remove the four screws, and remove the side switch panel.
4. Remove the seven cushions.
5. Remove the shield spring (SW). (For BVP-9500WSP only.)



6. Remove the screw to remove the SW-1008 board with switch bracket installed.
7. Disconnect the harness connectors from the CN1 and CN2 connectors on the SW-1008 board.



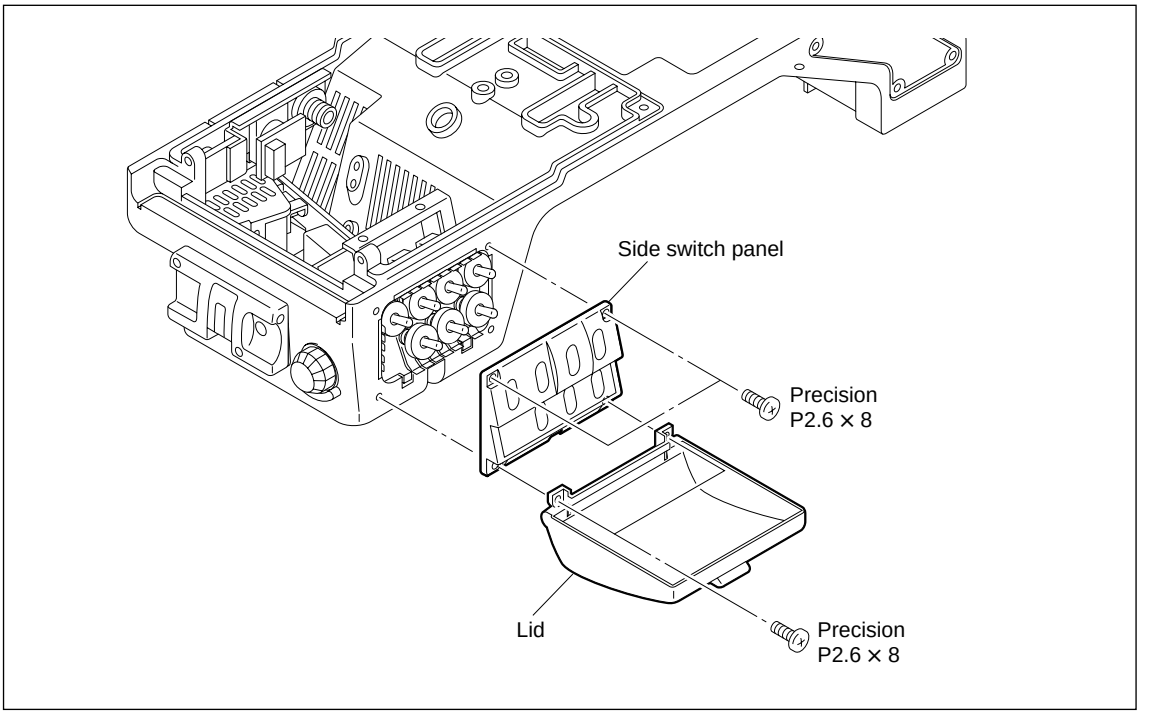
8. Remove the seven nuts, seven washers, one spacer and one nut, and remove the SW-1008 board from the switch bracket.
9. Desolder a switch or control that needs to be replaced.



10. Install a new switch or control in the reverse order of removal.

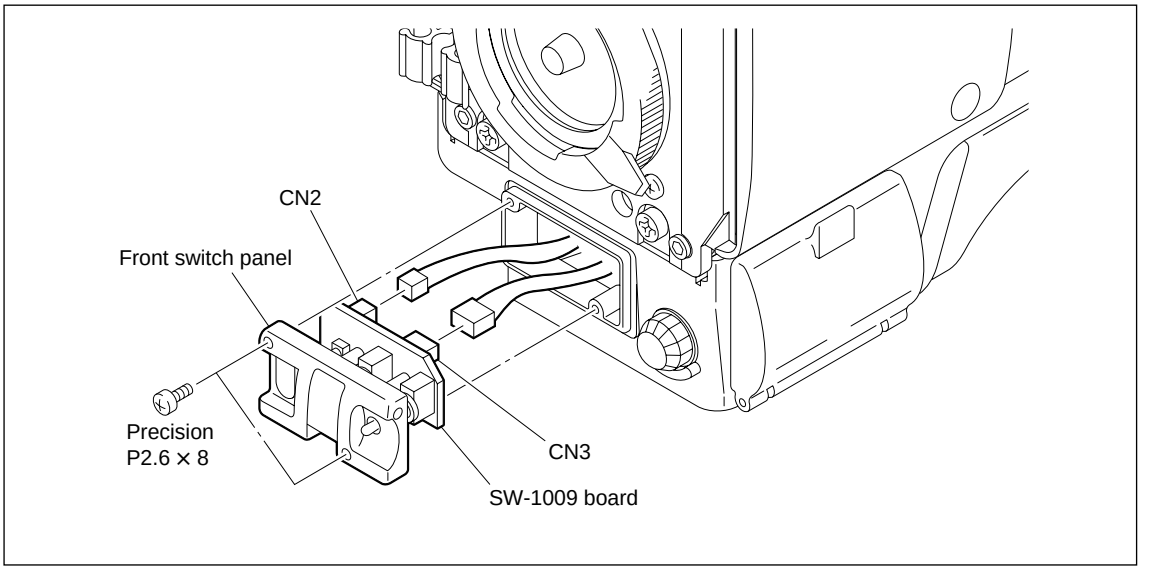
Note at installation

Fit the screw hole of the side switch panel to the screw hole of the lid as the figure, and attach a side switch panel.

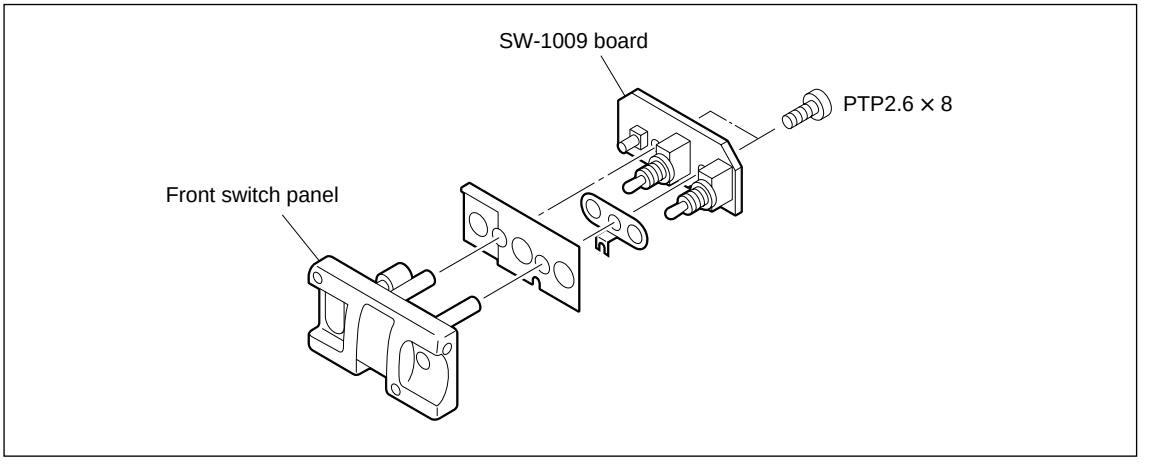


1-6-2. Front Switch Panel Block

1. Remove the two screws, and remove the front switch panel.
2. Disconnect the harness connectors from the CN2 and CN3 connectors on the SW-1009 board.



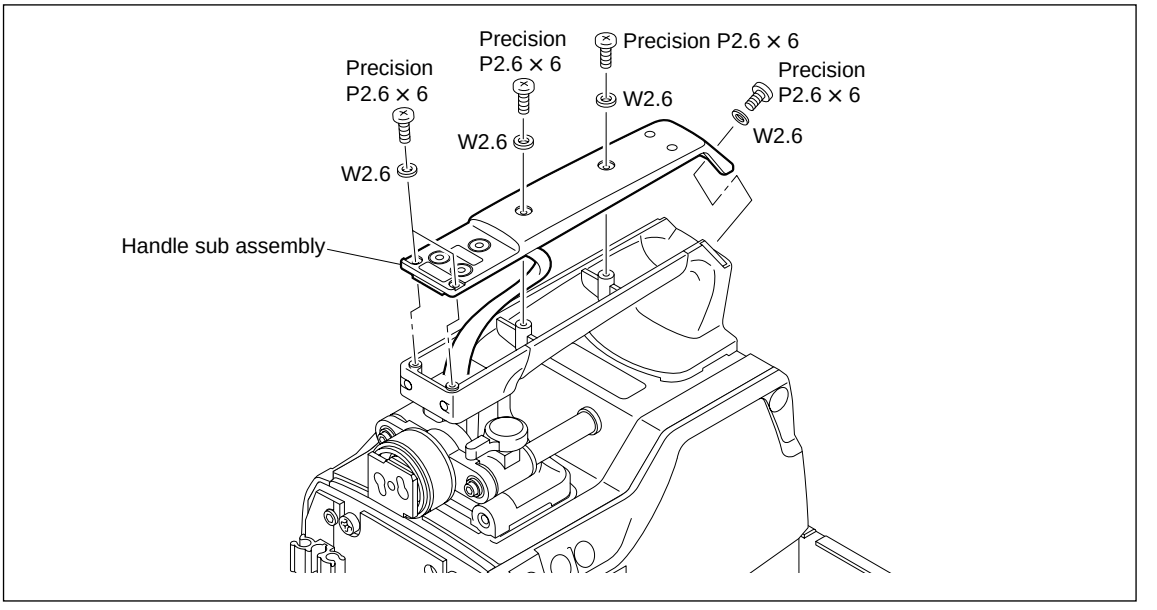
3. Remove the two screws, and remove the SW-1009 board.
4. Desolder a switch that needs to be replaced.



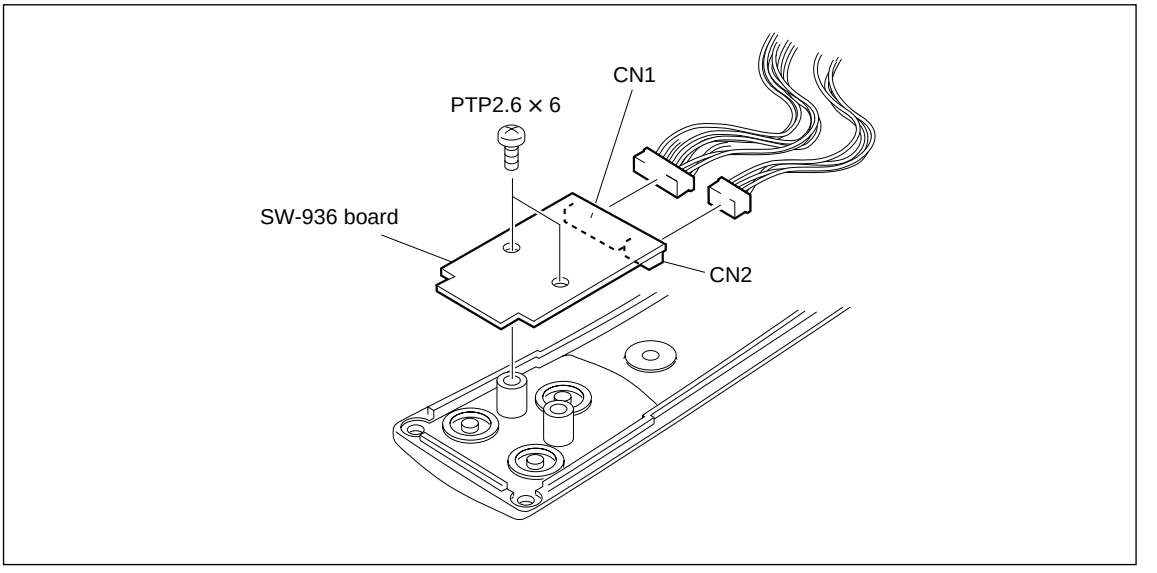
5. Install a new switch in the reverse order of removal.

1-6-3. RET/MIC INCOM Switches

1. Remove the five screws and five washers, and remove the handle sub assembly.



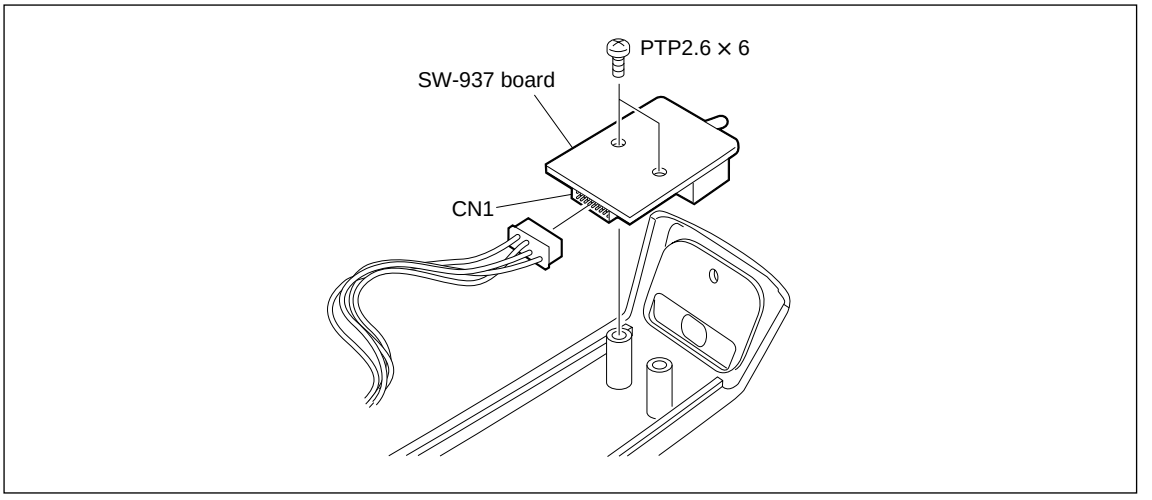
2. Disconnect the harness connectors from the CN1 and CN2 connectors on the SW-936 board.
3. Remove the two screws to remove the SW-936 board.
4. Desolder a switch that needs to be replaced.



5. Install a new switch in the reverse order of removal.

1-6-4. TALLY Switch

1. Remove the handle sub assembly. (Refer to Section 1-6-3.)
2. Remove the two screws, and remove the SW-937 board.
3. Disconnect the harness connector from the CN1 connector on the SW-937 board.
4. Desolder the TALLY switch.



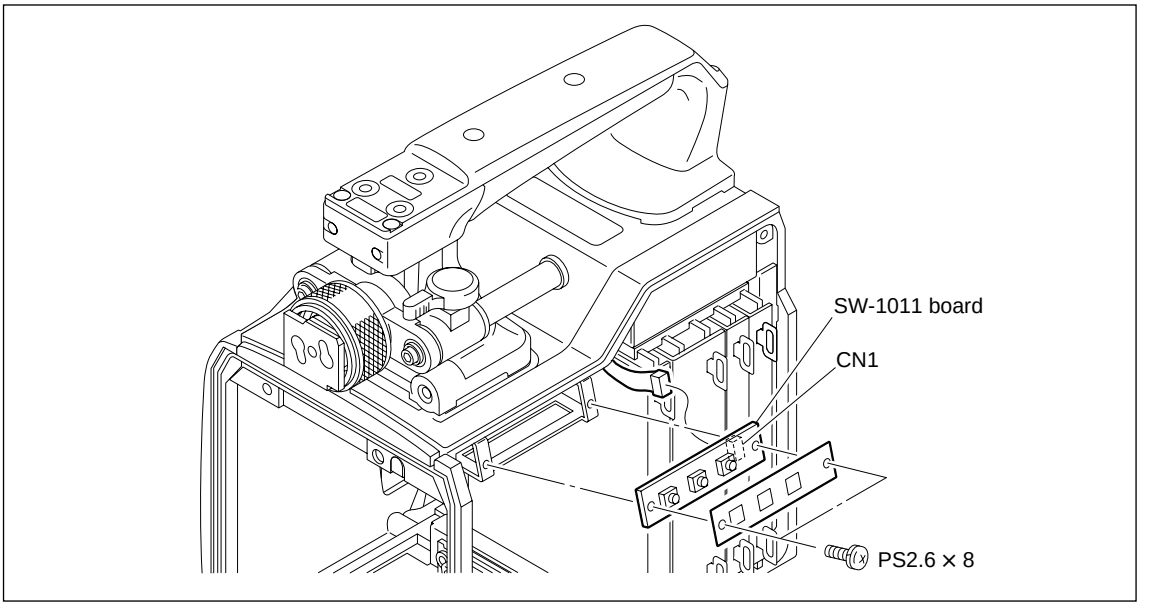
5. Install a new TALLY switch in the reverse order of removal.

1-6-5. FILTER LOCAL/ND/CC Switches

CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

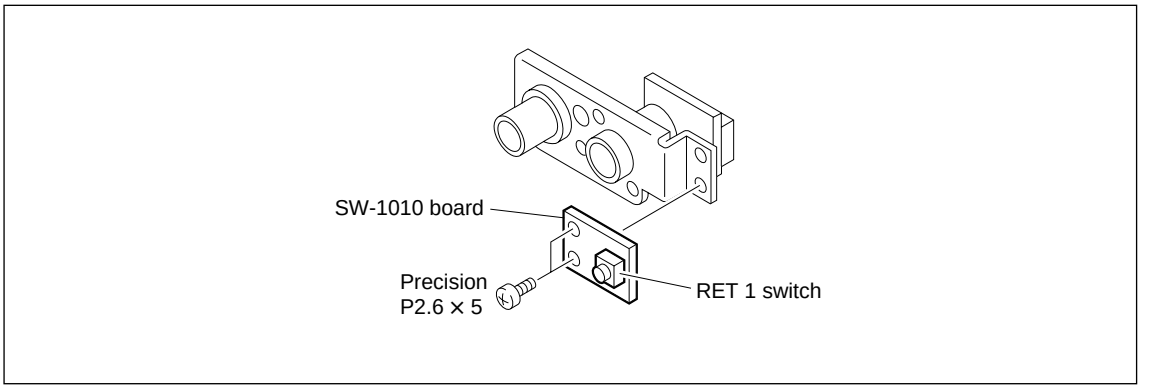
1. Remove the right side panel. (Refer to Section 1-4 in the installation and maintenance manual.)
2. Remove the two screws, and remove the SW-1011 board.
3. Disconnect the harness connector from the CN1 connector on the SW-1011 board.
4. Desolder a switch that needs to be replaced.



5. Install a new switch in the reverse order of removal.

1-6-6. RET 1 Switch

1. Remove the connector bracket. (Refer to steps 1 to 8 of Section 1-5-5.)
2. Remove the two screws, and remove the SW-1010 board.
3. Desolder the RET 1 switch.



4. Install a new RET 1 switch in the reverse order of removal.

1-6-7. MIC POWER Switch

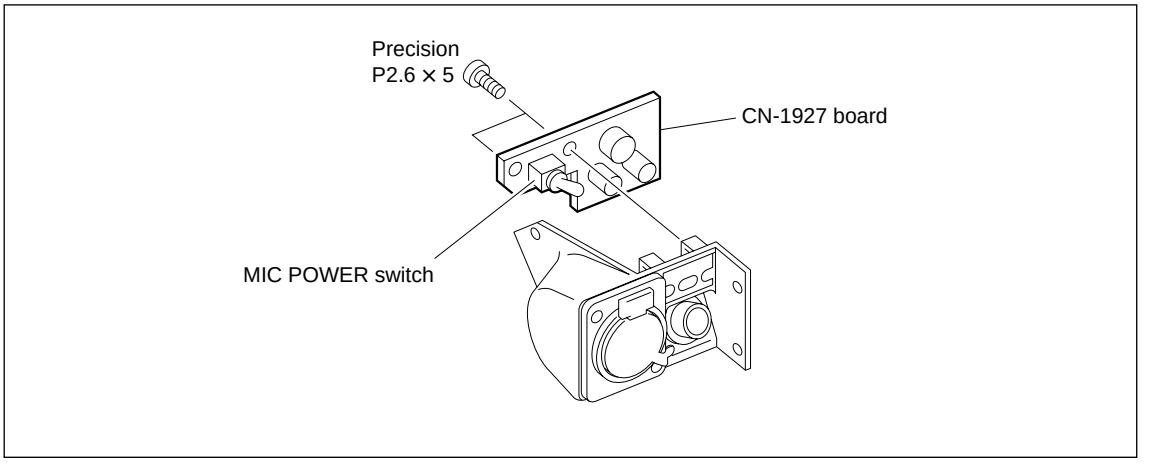
CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

Note

Refer to Section 1-8 for details on disconnecting/connecting the flexible card wire.

1. Remove the CN-1927 board. (Refer to steps 1 to 4 Section 1-5-7.)
2. Desolder the MIC POWER switch.



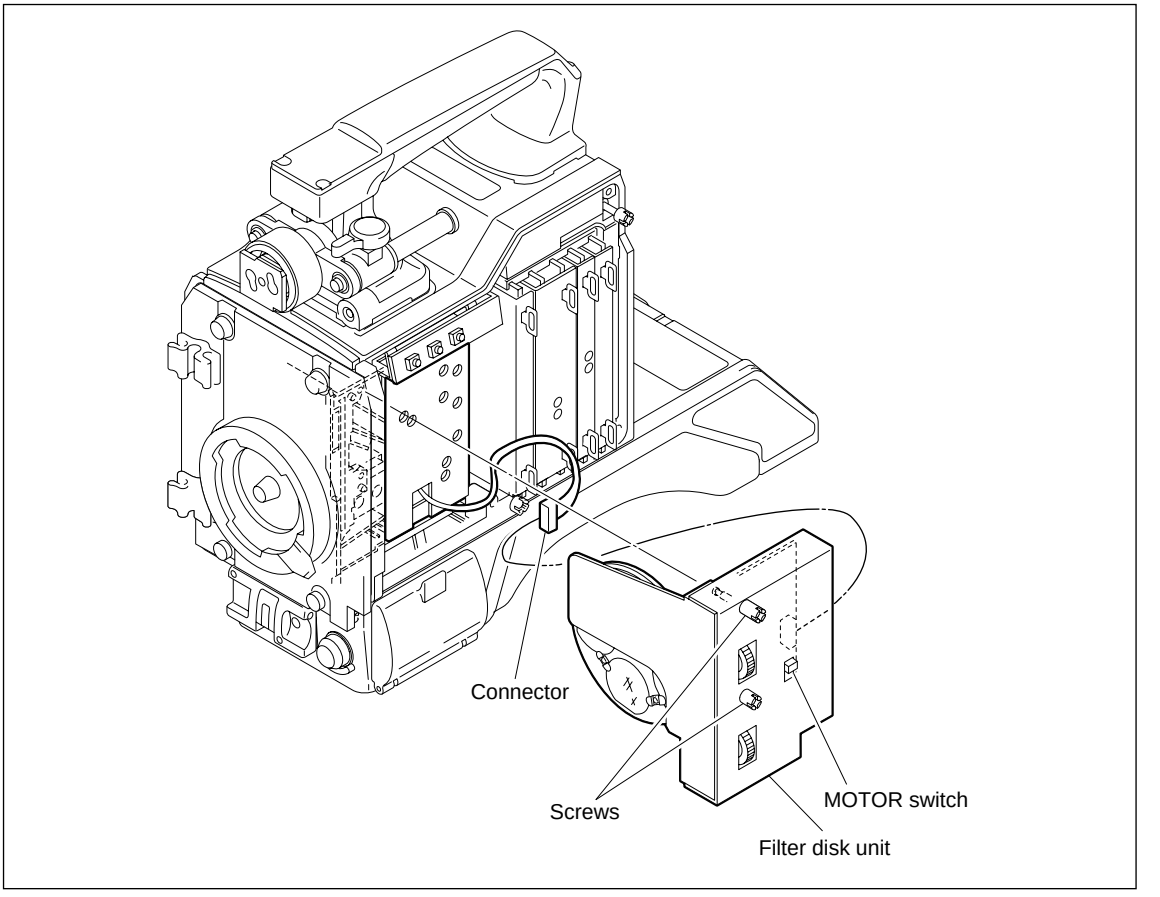
3. Install a new MIC POWER switch in the reverse order of removal.

1-7. Replacement of Filter Disk Unit

CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

1. Remove the right side panel. (Refer to Section 1-4 in the installation and maintenance manual.)
2. Loosen the two screw, and pull out the filter disk unit.
   Disconnect the harness connector from the connector of the filter disk unit.



3. Install a new filter disk unit in the reverse order of removal.

Note at installation

- At installation, do not touch the surfaces of filters.
- Confirm that the MOTOR switch of the filter disk unit is on.

4. After replacement, white balance adjustment is required. Refer to Section 3-6 for details on adjustment.

1-8. Description on Flexible Card Wire

1-8-1. Disconnecting/Connecting the Flexible Card Wire

The flexible card wires are used as follows:
Be careful not to bend these wires. This shortens the wire life.

Disconnecting

1. Turn off the power of the camera.

Type A

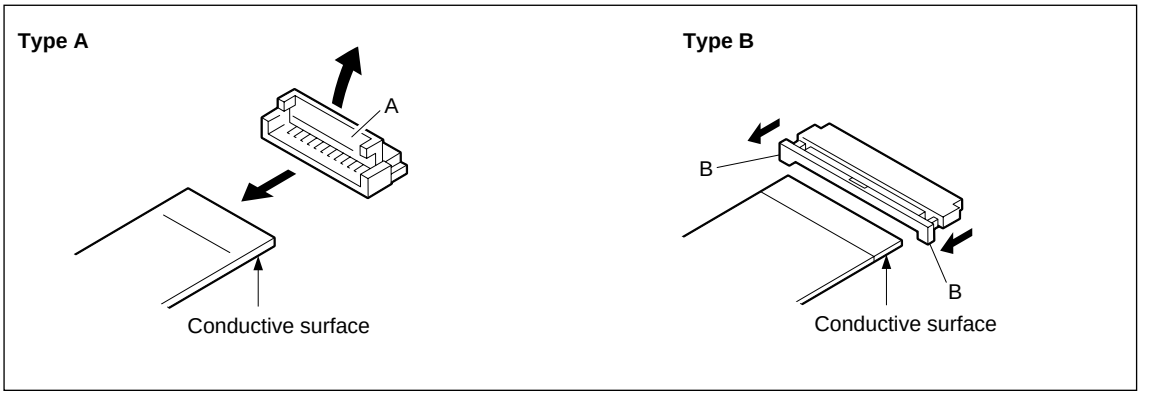
(between the MB-830 board and PR-248 board, between the CN-1787 board and PR-248 board)

2. Lift up the portion A in the direction of the arrow and pull out the flexible card wire.

Type B

(between the PR-249 board and CN-1787 board, between the NR-65 board and PA-226 board)

2. Slide portion B in the direction of the arrow and pull out the flexible card wire.



Connecting

Notes

- Be careful not to insert the flexible card wires obliquely.
- Check that the conductive surface of the flexible card wire is not soiled with dust.

Type A

1. Lift up the portion A in the direction of the arrow. Insert the flexible card wire as far as it will go into connector with the conductive surface of the wire put down.
2. Push down the portion A to secure the flexible card wire.

Type B

1. Slide portion B in the direction of the arrow and insert the flexible card wire as far as it will go into connector with the conductive surface of the wire put down.
2. Slide portion B in the opposite direction of the arrow and lock.

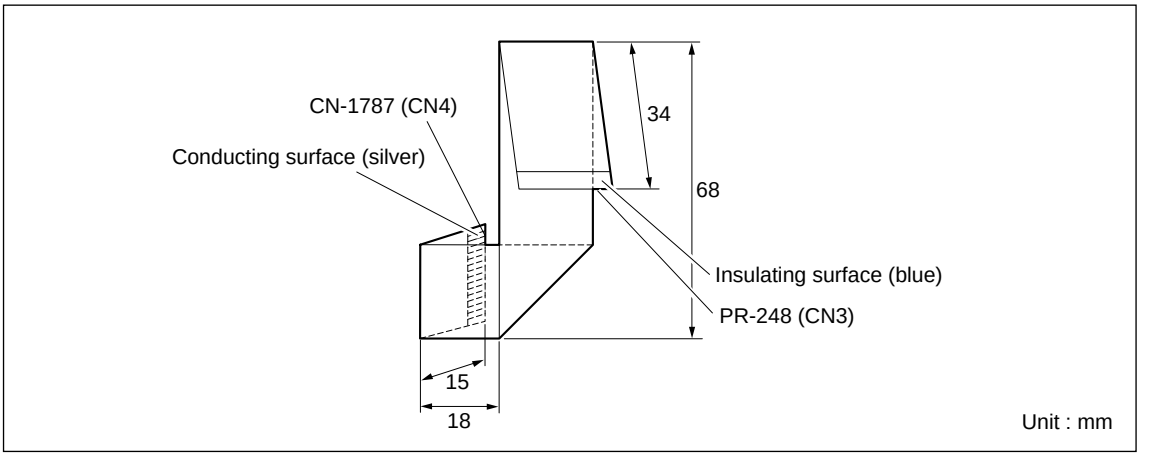
1-8-2. Forming Before Installation

If using a new flexible card wire, be sure to hand-form it as shown in the figure before installation.

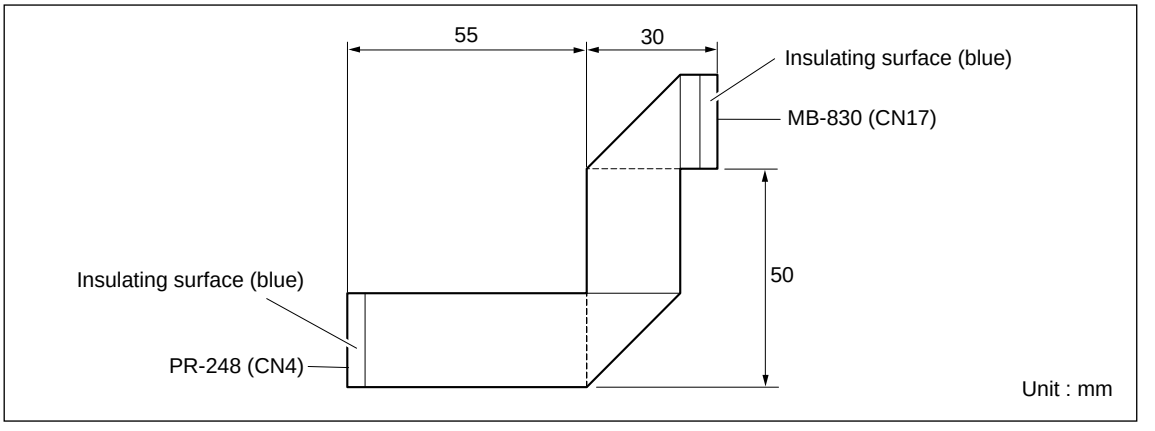
Note

Never fold it back after being formed once.

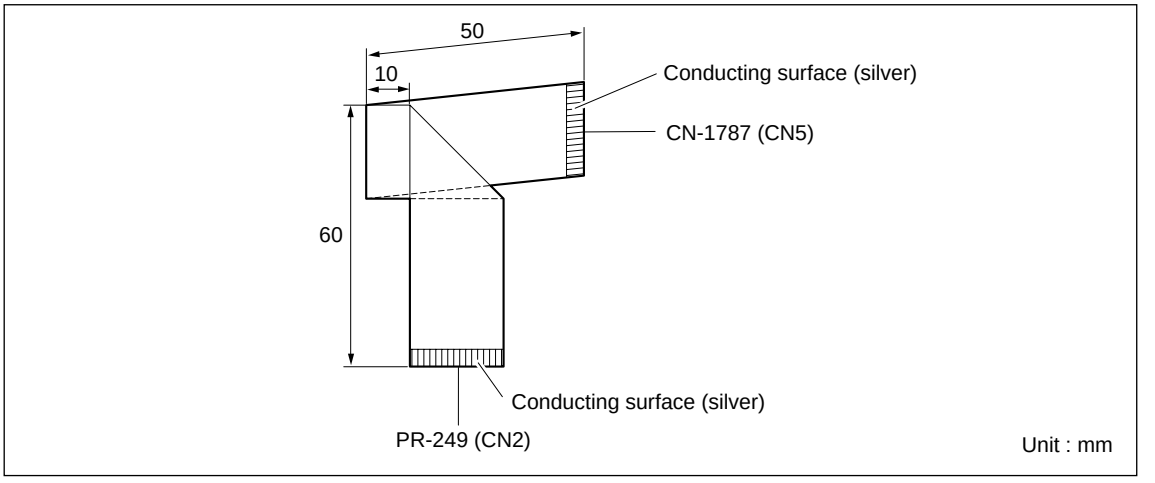
• CN-1787 board CN4 ↔ PR-248 board CN3



• MB-830 board CN17 ↔ PR-248 board CN4



• CN-1787 board CN5 ↔ PR-249 board CN2



1-9. CCD Unit

1-9-1. Precautions on Replacing the CCD Unit

When replacing the CCD unit, be sure to replace with the CCD unit designated for BVP-9500WS/ 9500WSP.
The OHB-730/750A, etc. cannot be used with this unit even if attached.
Designate CCD unit : OHB UNIT ASSY (A-8327-354-A) for BVP-9500WS
OHB UNIT ASSY (A-8327-355-A) for BVP-9500WSP

1-9-2. Description on CCD Block Number

Every CCD unit has its own ID number called CCD block number. It shows the CCD block type and serial number for the CCD block.
The CCD block number label is put in the CCD unit.

Ex.) IQAxxxxx
Serial number for CCD block
CCD block type

1-9-3. Replacing the CCD Unit

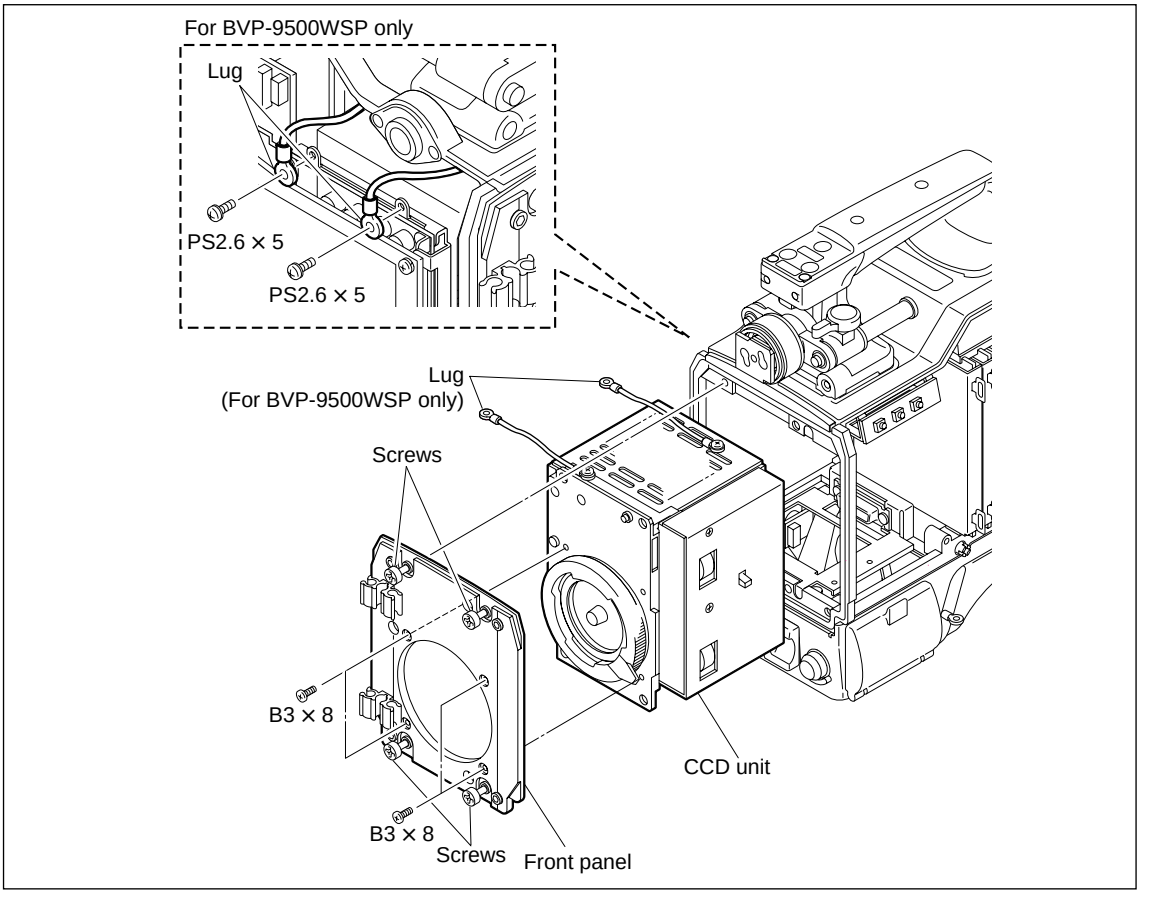
CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

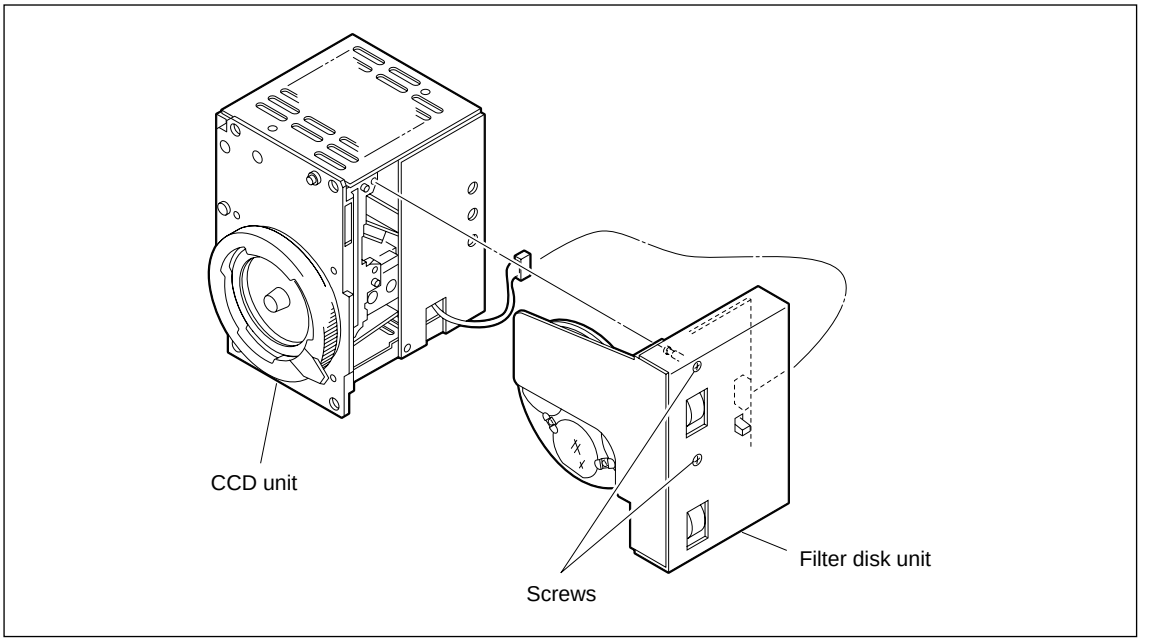
Note for BVP-9500WSP

Two earth lugs from the CCD unit are fastened with two screws for the PR guard.
Be sure to do steps 1 and 2 to prevent the damage of earth lugs.

1. Remove the right side panel. (Refer to Section 1-4 in the Installation and Maintenance Manual.) (For BVP-9500WSP only.)
2. Remove the two screws. (For BVP-9500WSP only.)
3. Loosen the four screws, and remove the CCD unit with the front panel attached.
4. Remove the four screws (B3 × 6), and remove the front panel.



5. Remove the filter disk unit. (Refer to Section 1-7.)



6. Remove the two screws of new CCD unit, and remove the blind plate.
7. Install the new CCD unit in the reverse order of removal.

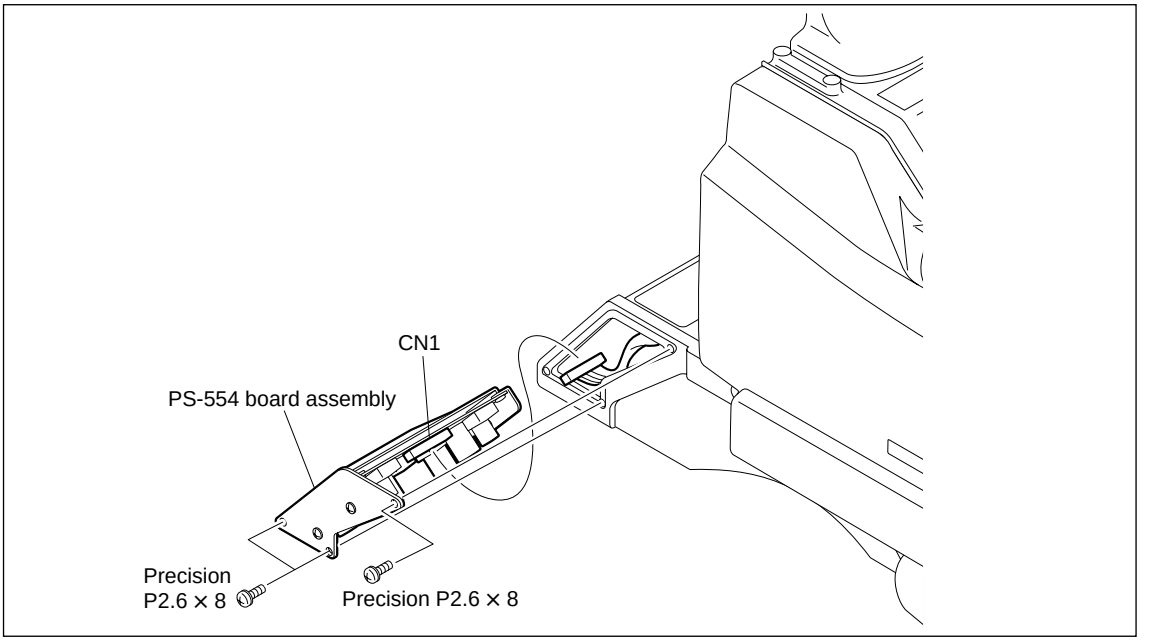
1-10. Replacing Boards

1-10-1. Replacing the PS-554 Board

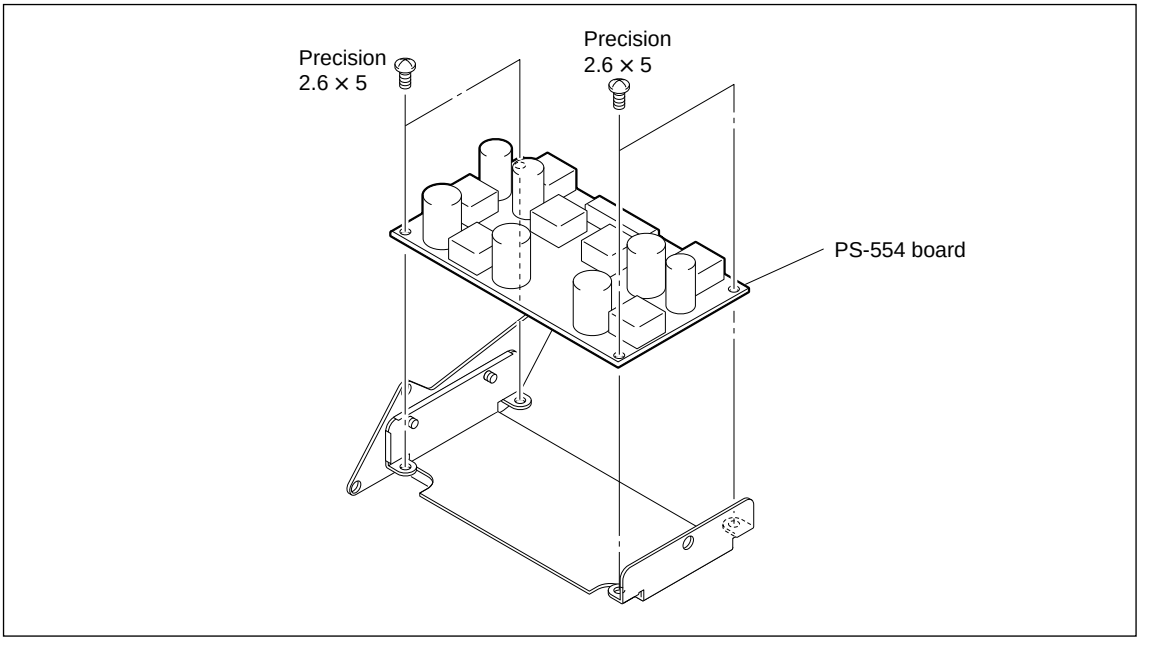
Note

As a heat radiation spring is attached to the PS-554 board, handle it carefully not to distort the spring. (Refer to Section 1-3-6.)

1. Remove the three screws, and pull out the PS-554 assembly.
2. Disconnect the harness connector from the CN1 connector on the PS-554 assembly.



3. Remove the four screws, and remove the PS-554 board.



4. Install the new board in the reverse order of removal.

1-10-2. Replacing the PR-249, PR-248 and DA-143 Boards

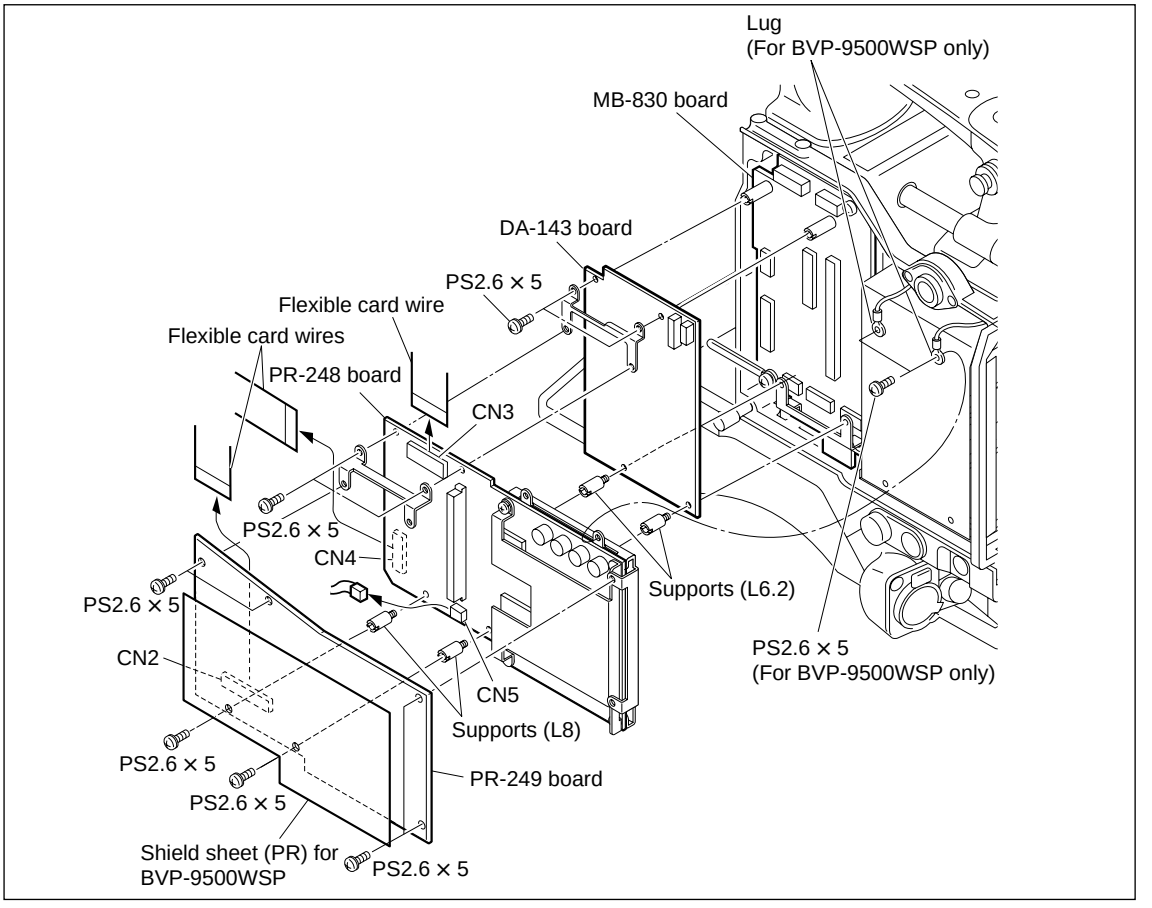
CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

Note

Refer to Section 1-8 for details on disconnecting/connecting the flexible card wire.

1. Remove the both side panels. (Refer to Section 1-4 in the Installation and Maintenance Manual.)
2. Remove the six screws, and pull out the PR-249 board.
3. Disconnect the flexible card wire from the CN2 connector on the PR-249 board, and remove the PR-249 board.
4. Disconnect the flexible card wire and a harness connector from the CN3 and CN5 connectors on the PR-248 board.
5. Remove the two screws. (For BVP-9500WSP only.)
6. Remove the two screws and two supports, and pull out the PR-248 board.
7. Disconnect the flexible card wire from the CN4 connector on the PR-248 board, and remove the PR-248 board.
8. Remove the two screws and two supports, and remove the DA-143 board.



9. Install the new board in the reverse order of removal.

Note at installation **for BVP-9500WSP**

When replacing the PR-249 board, put off the shield sheet (PR) from the PR-249 board and then put it on the new PR-249 board.

1-10-3. Replacing the MB-830 Board

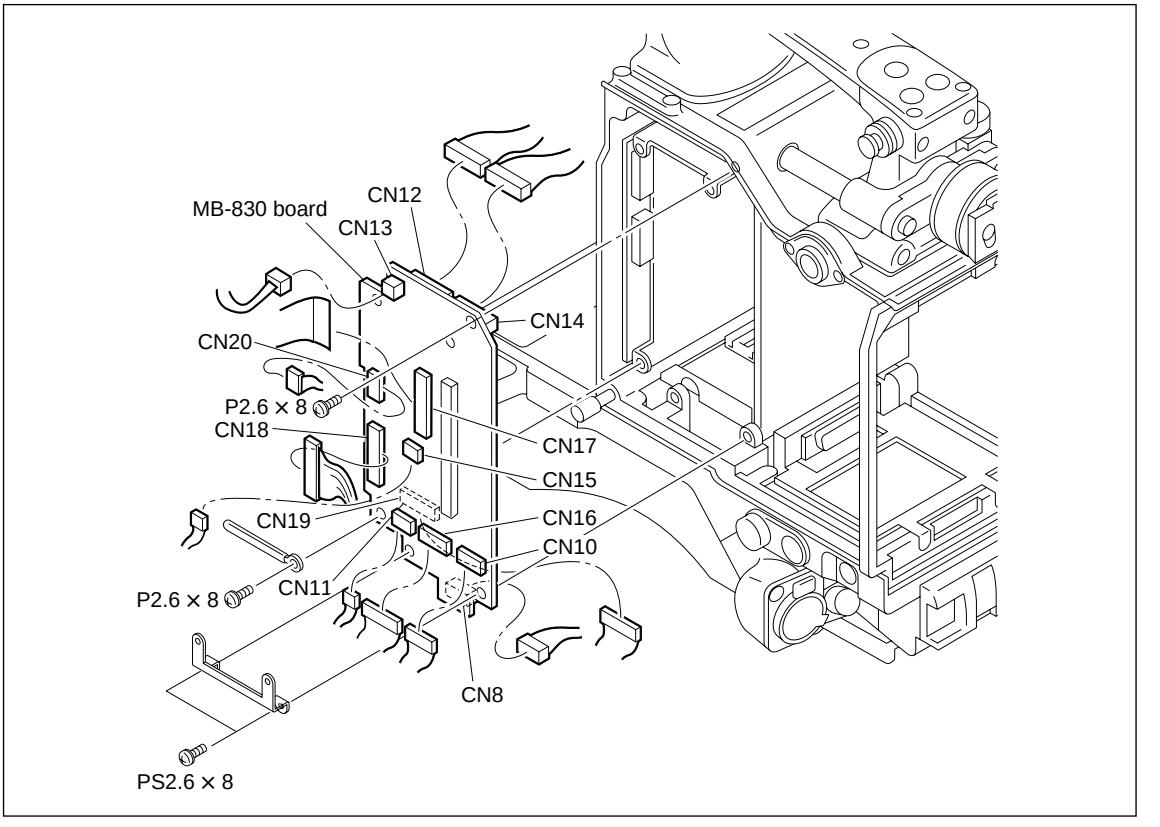
CAUTION

When opening the side panel during or immediately after use of the unit, be careful as the board panel is very hot and touching it may result in burns. When opening the side panel to perform inspections and adjustments, turn off the power and wait 10 minutes for the unit to cool down first.

Note

Refer to Section 1-8 for details on disconnecting/connecting the flexible card wire.

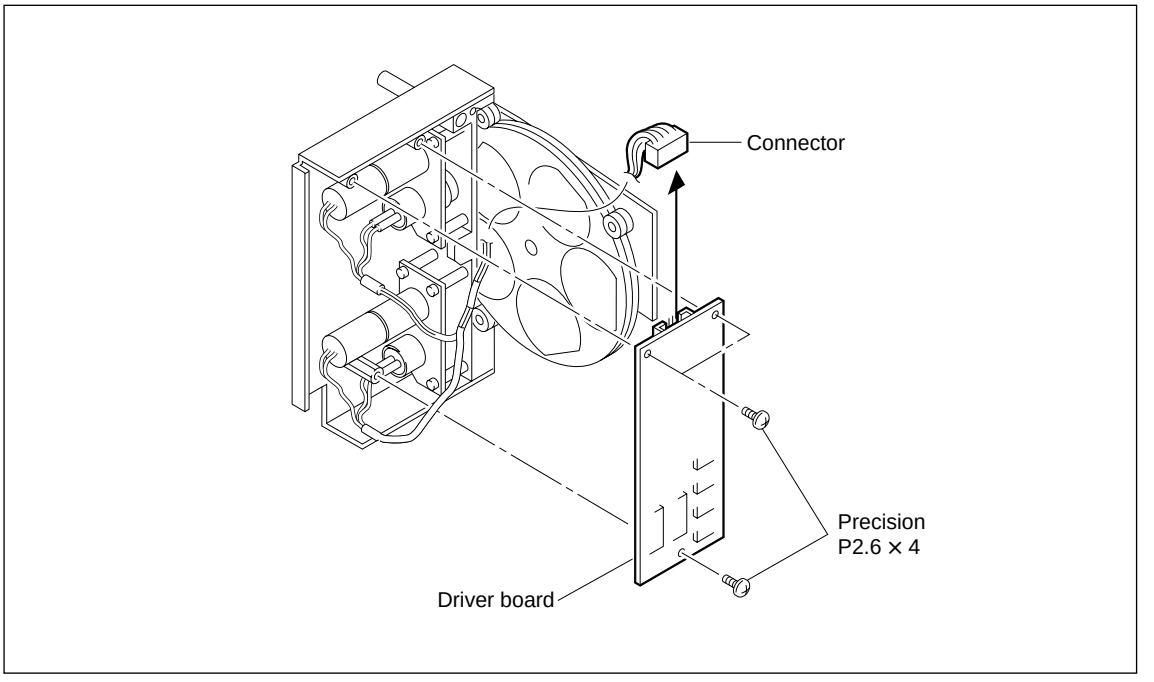
1. Remove the both side panels. (Refer to Section 1-4 in the Installation and Maintenance Manual.)
2. Remove the all plug-in boards from the camera.
3. Remove the PR-249, PR-248 and DA-143 boards. (Refer to Section 1-10-2.)
4. Disconnect the harness connectors from the CN10, CN11, CN13, CN15, CN16, CN18 and CN20 connectors, and disconnect the flexible card wire from the CN7 connector on the B side of the MB-830 board.
5. Disconnect the harness connectors from the CN8, CN12, CN-14 and CN19 connectors on the A side of the MB-839 board.



6. Install a new board in the reverse order of removal.

1-10-4. Driver board

1. Remove the filter disk unit. (Refer to Section 1-7.)
2. Remove the three screws and disconnect the connector.



3. Install a new board in the reverse order of removal.
4. After replacement, be sure to perform the filter positioning adjustment referring to Section 3-5.

1-10-5. Boards Inside CCD Unit

Prior to the performance of the following activities, remove the CCD unit and filter disk unit from the camera. (Refer to Section 1-9-3.)

1. Removing the case

Remove the nine screws (a).

2. Removing the SH-69 board

Remove the three screws (b).

3. Removing the TG-194 board

(1) Remove the two screws (c).
(2) Desolder the two ground wires. (For BVP-9500WSP only.)

4. Removing the TG-203A board

(1) Remove the two supports and two screws (d).
(2) Disconnect the connector (CN4).
(3) Desolder the four ground wires. (For BVP-9500WSP only.)

5. Removing the VA-189 board

Remove the screw (e).

6. Removing the NR-65 board

Disconnect the three connectors (CN2, CN3 and CN4).

7. Removing the DR-377A board

(1) Remove the two screws (f) securing the connector plate.
(2) Disconnect the flexible card wires (CN2, CN3 and CN4).
(3) Remove the support and screw (g).

Note

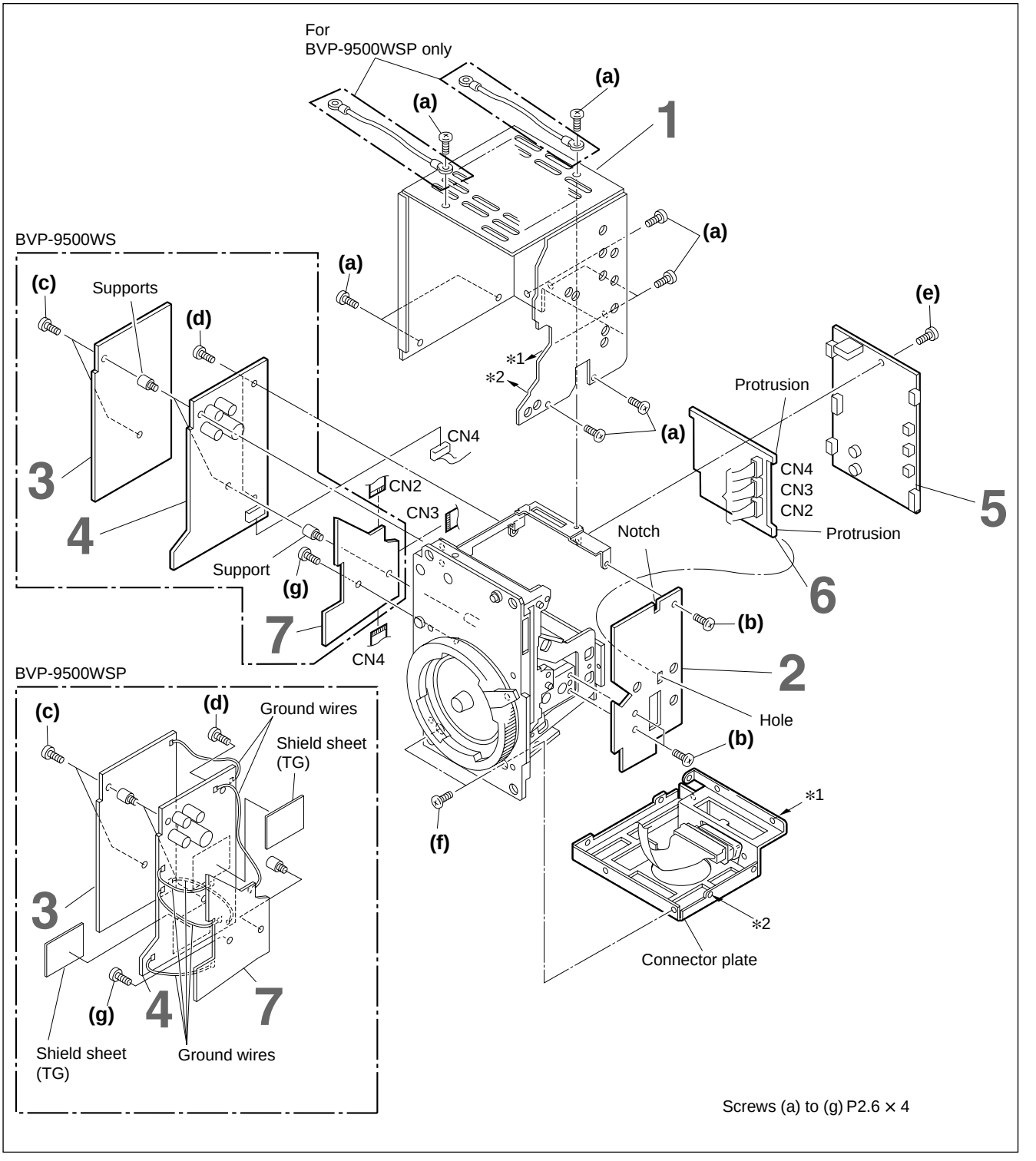
Refer to Section 1-8 before disconnecting the flexible card wire.

8. Assembling

Assemble the unit in the reverse order of steps 1 to 7.

Notes

- When attaching the SH-69 board, fit the protrusions on the NR-65 board to the notch and hole on the SH-69 board.
- When replacing the TG-194 board, put off two shield sheets (TG) from the PR-249 board and then put it on the new TG-194 board. (for BVP-9500WSP only.)


For
BVP-9500WSP only
(a)
1
BVP-9500WS
(c)
Supports
(d)
3
4
(a)
∗1
∗2
CN4
CN2
CN3
Support
(g)
7
CN4
(e)
Protrusion
CN4
CN3
CN2
5
Protrusion
Notch
6
(b)
2
Hole
(b)
∗1
(f)
∗2
Connector plate
BVP-9500WSP
(c)
(d)
Ground wires
Shield sheet
(TG)
3
(g)
4
7
Shield sheet
(TG)
Ground wires
Screws (a) to (g) P2.6 × 4

1-11. Setting/Adjusting Items after Replacing the Boards and Parts

Followings are the setting and adjustment items to be performed after the board and part replacement.
It is not necessary to perform the setting and adjustment for other than boards described in the following.

Board	Setting/Adjusting Items	Remarks
NR-65	3-2-6. NR Gain Adjustment	Needed when replacing the board
VA-189	3-2-5. VA Gain Adjustment	Needed when replacing the board
TG-194 (*1)	3-2-1. V Substrate Adjustment	Needed when replacing the board
	3-2-2. RPN Correction Adjustment	Needed when replacing the board/parts (RV1, RV2)
TG-203A	1-2-2. Switch Settings (check)	Needed when replacing the board
Servo driver	3-5. Filter Positioning Adjustment	Needed when replacing the board
VA-200	3-4. AD, DA System Adjustment	Needed when replacing the board
AD-157	3-4. AD, DA System Adjustment	Needed when replacing the board
PR-248	3-4. AD, DA System Adjustment	Needed when replacing the board
EN-141	3-3. Encoder System Adjustment 3-4. AD, DA System Adjustment (check) 1-2-4. Switch Settings (check)	Needed when replacing the board
AT-128 (*2)	—	

∗1: When replacing the TG-194 board with a new one, remove the two PROMs (IC12 and IC24) on the new board and replace them with the PROMs that were mounted on the former TG-194 board.
∗2: The EEPROMs (IC7, IC50) is mounted on the AT-128 board. When the AT-128 board was replaced, reset the data of EEPROMs. For details of data, refer to “1-3-2. Note on Replacement of EEPROM”.

1-12. Tools and Fixtures

Description	Sony P/N	Remarks
Extension board EX-464	A-8318-864-A	To extend the plug-in boards (AT-128, EN-141, PS-553)
Extension board assembly EX-762	A-8327-478-A	To extend the plug-in boards (AT-128, EN-141, PS-553, VA-200 ∗1)
Extension board EX-819	A-8327-481-A	To extend the plug-in board MEM-98 ∗1
OHB extension harness	J-6394-290-A	To extend the OHB from the camera
Pattern box	J-6029-140-B	To adjust camera system
Grayscale chart (transparent)	J-6026-130-B	To adjust camera system
Grayscale chart (reflective)	—	Commercially available (Refer to Section 3-1-5)
IC socket removing tool	J-6394-110-A	Replacing a PROM
ROM for adjustment	J-6470-480-A	To adjust camera system

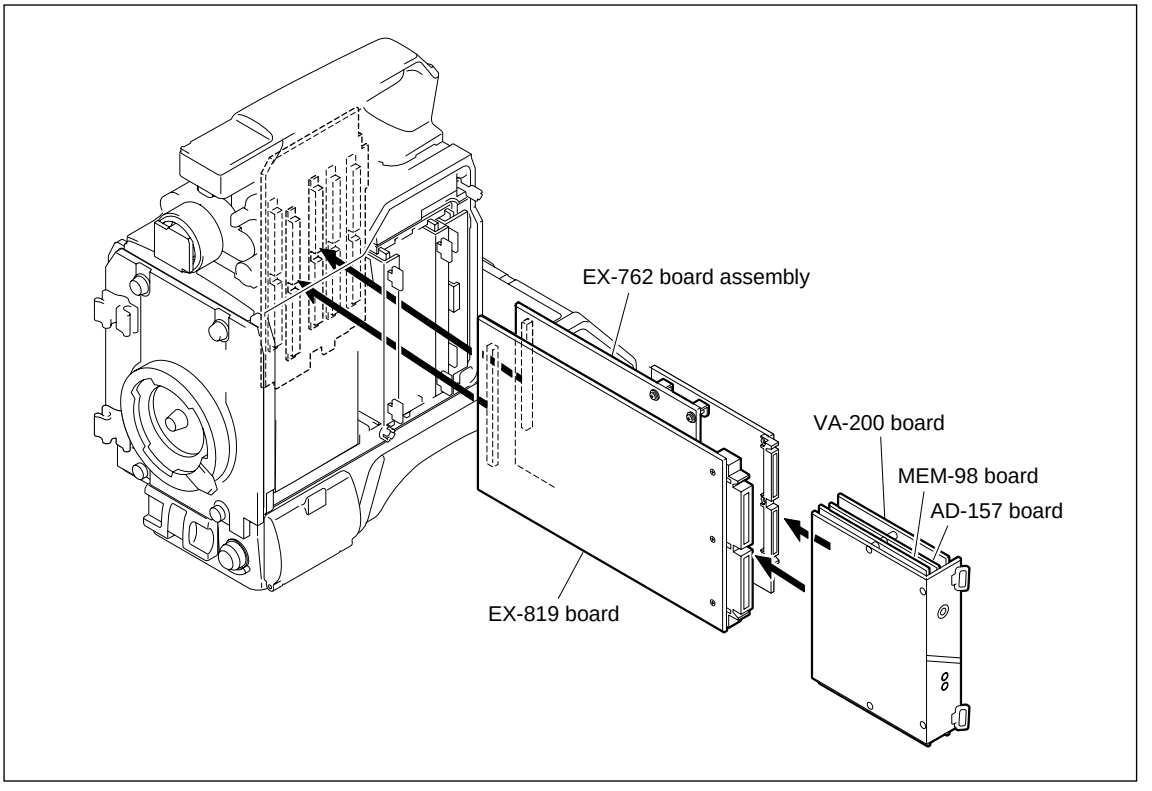
∗1: When extending the MEM-98 or VA-200 board, both EX-762 and EX-819 are required.
For details on usage, refer to Section 1-13.

1-13. Extension Board Usage

Note

When removing or attaching boards, be sure to turn off the power first.

1. Pull out the MEM-98, AD-157 and VA-200 boards.
2. Insert the EX-819 extension board into the slot for the MEM-98 board.
3. Insert the EX-762 extension board assembly into the slot for the VA-200 board.
4. Connect the MEM-98 and VA-200 boards to the EX-819 and EX-762 extension boards respectively.



1-14. Self-Diagnosis

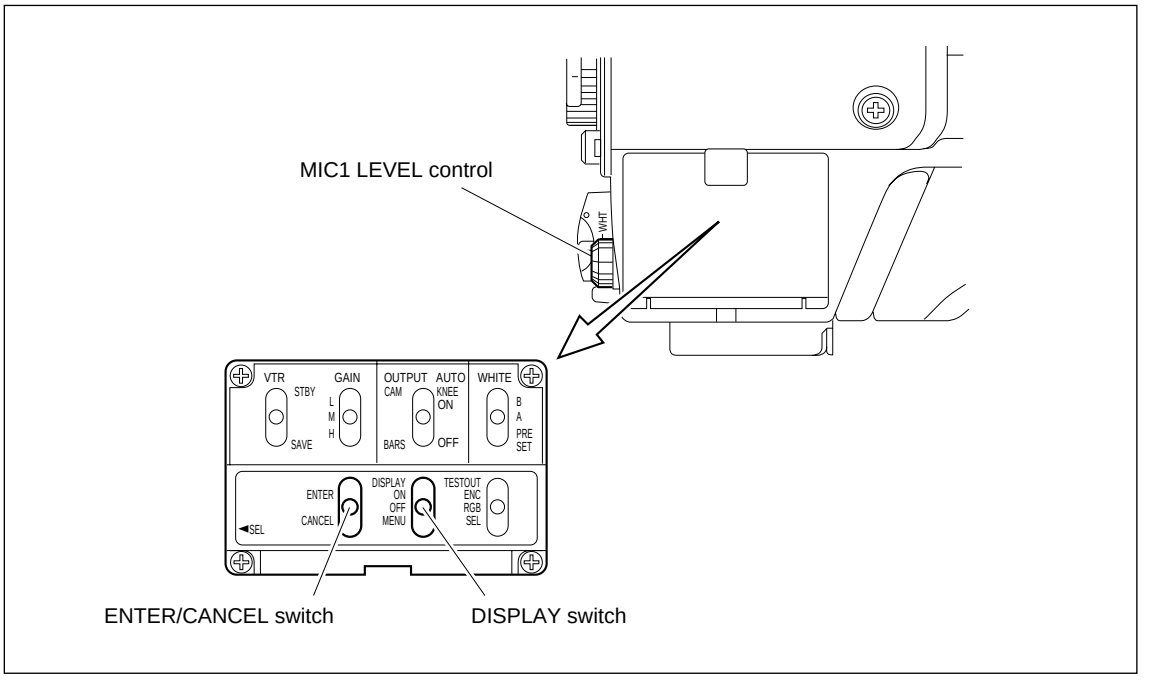
The Diagnosis page of the Operation menu is used for self-diagnosis of every plug-in board.
The Operation menu appears on the viewfinder screen.

Equipment required

Camera adaptor	CA-550/570/950 series (Use CA-950 series when connecting the CCU-900 series camera control unit.)
Viewfinder	BVF-10/C10W/20W series

Supply power from a camera control unit CCU-550/550P, CCU-700/700P/700A/700AP, CCU-900/900P or AC adaptor AC-550/550CE.

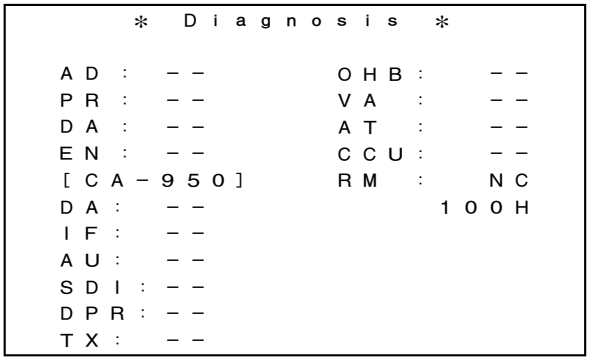
Switches and control knob



Operational procedures

1. Change the DISPLAY switch from OFF to MENU. The Operation menu is displayed on the viewfinder screen.
2. Turn the MIC LEVEL control to display the Diagnosis page.
3. To decide the menu page selection, press the MIC LEVEL control or set the ENTER/CANCEL switch to ENTER.
4. The menu page is returned to the previous page every time the ENTER/CANCEL switch is set to CANCEL.
5. To cancel the menu operation, set the DISPLAY switch to OFF.

Display descriptions (When CA-950/CA-950P is used)



Board/Block	Judging point
AD-157	The serial data is correctly received from the AT-128 board.
PR-248, 249	There is no problem in the diagnosis results of the following ICs themselves. PR-248 board: IC2, 110, 303 PR-249 board: IC101, 205, 301, 403, 501, 607, 701, 802
DA-145	The serial data is correctly received from the AT-128 board.
EN-141	The serial data is correctly received from the AT-128 board.
OHB	Every board in OHB is correctly connected.
VA	The serial data is correctly received from AT-128 board.
AT	The AT-128 board operates correctly. When the AT-128 board operates correctly, "—" is displayed.
CCU ∗1	The serial data is correctly received from the CCU.
RM ∗2	The serial data is correctly received from the RM.
—	A power-on time of the camera is displayed. (Unit: Hour)

∗1: When the CCU is not connected to the camera, this item ⑧ is not displayed.
∗2: When the RM is not connected to the camera, "NC" is displayed in the column.

Note

For details on [CA-950] items (DA, IF, AU, SDI, DPR, TX), refer to CA-950/950P Maintenance Manual.

Section 2
Maintenance Menu

2-1. Maintenance Menu

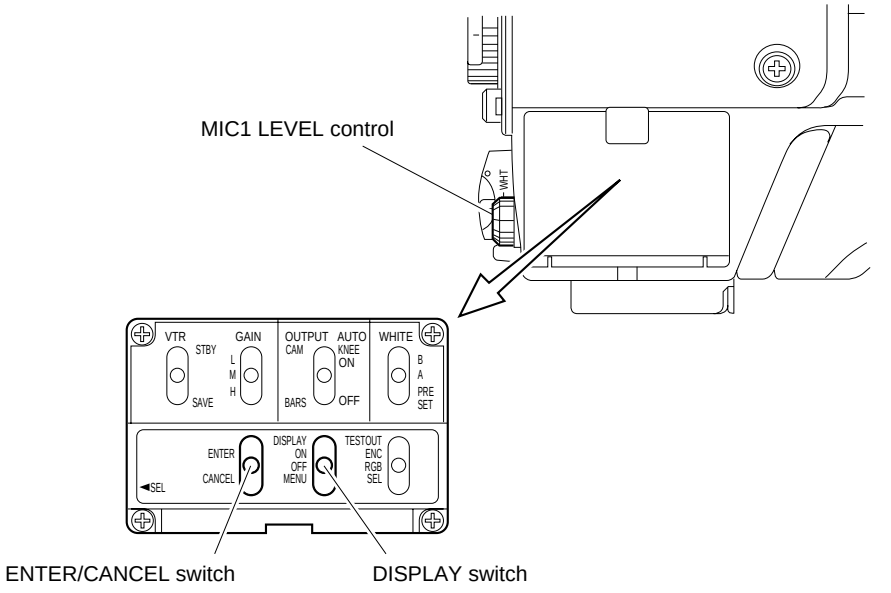
The maintenance menu is used to make the several settings and adjustments of this unit, and to save the adjustment values of each item. This menu is displayed on the viewfinder. By changing the settings of the menu (Monitor Char of the System Setup page), the menu can also be displayed on an external monitor by connecting it to the TEST OUT and REMOTE connectors.

Equipment Required

Camera adaptor	CA-550/570/950*/950P*, etc.
Viewfinder	BVF-20W/C10W/55, etc.
Camera control unit	Connect CCU-550/550P/570/570P/900*/900P* or AC adaptor AC-550/550CE, etc. to supply power to the camera adaptor.

∗ : The connection of the CCU-900/900P is available to only CA-950/950P.

Switches and Knobs Used



Basic Operations

1. To display the maintenance menu, set the DISPLAY switch from “OFF” to “MENU” while pushing the ENTER/CANCEL switch to the “ENTER” side.
   The maintenance menu will be displayed on the viewfinder.
2. To select a page or setting item, rotate the MIC 1 LEVEL knob and move the cursor to the page or setting item to be set, and then press the MIC 1 LEVEL knob.
3. To change a setting value, rotate the MIC 1 LEVEL knob. (Turning it fast, the value changes greatly, while turning it slowly, the value changes slightly for fine adjustment.)
   Pressing the MIC 1 LEVEL knob finalizes the setting.
4. To cancel a setting or return to the original screen, push the ENTER/CANCEL switch to the “CANCEL” side.
5. To exit from the menu, switch the DISPLAY switch to “OFF.”

Entering the OHB Trimming Page

Use the OHB trimming page to register the data adjusted when a board is replaced as an OHB file. This page is not displayed at shipment to avoid incorrect operations.
To display this page, perform the followings.

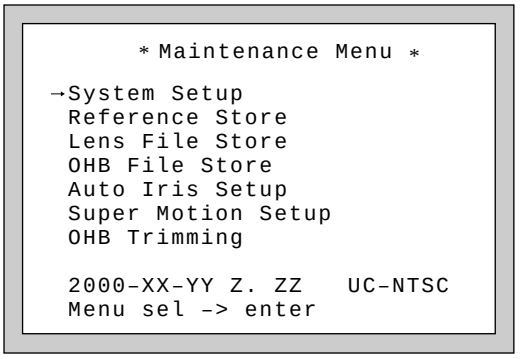
1. Set S3-4 switch on the AT-128 board to ON. (Refer to Section 1-2.)
2. While pushing the ENTER/CANCEL switch to the “ENTER” side, set the DISPLAY switch from “OFF” to “MENU.”
   The OHB trimming page will be displayed on the maintenance menu.

   Note

   Be sure to reset S3-4 switch on the AT-128 board to OFF after using the OHB Trimming page during adjustment.

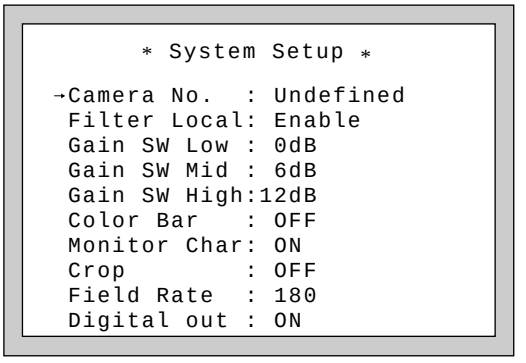
2-2. Details of Maintenance Menu

2-2-1. Description of Maintenance Menu Display



Menu item	Description
System Setup	This item contains the camera system setting items such as field rate, gain value, aspect ratio and so on.
Reference Store	Use this item to register the reference file and reset the value to the factory setting state.
Lens File Store	Use this item to register the lens file, reset the value to the factory setting state and switch the registration lens.
OHB File Store	Use this item to register the OHB file, reset the value to the factory setting state and perform the shading adjustment.
Auto Iris Setup	Use this item to set the reference level and APL (average level) ratio for auto iris.
Super Motion Setup	Use this item to output the VBS signal and monitor output signal under the operation of super motion. **Note** This item is only displayed when the Field Rate of the System Setup page is set to 180/150. (Refer to Section 2-2-2.)
OHB Trimming	Use this item to register the OHB trimming file and perform the CCD V substrate voltage adjustment. **Note** To avoid incorrect operation, this item is not displayed at factory setting state. To display this item because of performing adjustment, refer to “Section 2-1 Entering the OHB Trimming Page”. After adjustment, be sure to reset the switch to the factory setting state (not to be displayed state).

2-2-2. System Setup Page

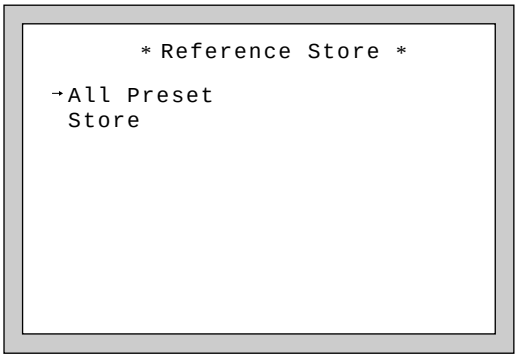


(Display is initial values.)

Item	Setting	Description
Camera No	Undefined, 1 to 96, A to Z	Sets the camera number.
Filter Local	Enable, Disable	Sets whether to enable or disable use of the FILTER LOCAL button. Enable: The ND, CC filter can be selected in this unit. Disable: The ND, CC filter cannot be selected in this unit.
Gain SW Low	−3, 0, 3, 6, 9, 12, 18	Sets the gain value corresponding to “L” of the GAIN switch.
Gain SW Mid		Sets the gain value corresponding to “M” of the GAIN switch.
Gain SW High		Sets the gain value corresponding to “H” of the GAIN switch.
Color Bar	ON/OFF	Sets ON/OFF the color bar output.
Monitor Char	ON/OFF	Sets whether to display characters in the video signal to be output at the TEST OUT and REMOTE connectors. ON: Displays characters in the video signal. OFF: No characters are displayed in the video signal.
Crop	ON/OFF	Sets the aspect ratio of the screen. ON : 4 : 3 OFF : 16 : 9
Field Rate	60/180 (for BVP-9500WS) 50/150 (for BVP-9500WSP)	Sets the field rate. a) 60/50: ×1 speed 180/150: ×3 speed
Digital Out	ON/OFF	Sets ON/OFF the digital signal output to CA. When CA-950/950P is connected, turn this item to ON automatically.

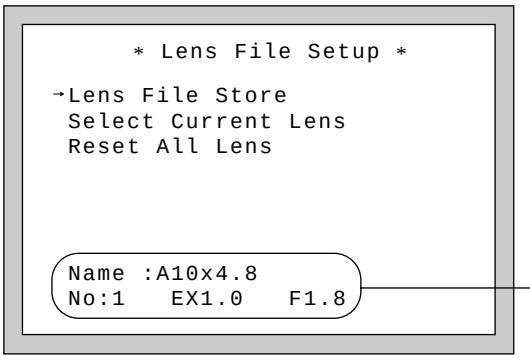
a) Be sure to set S3-4 switch on the AT-128 board to ON before setting the field rate to 180/150 during adjustment. After adjustment, be sure to reset S3-4 switch to OFF.

2-2-3. Reference Store page



Item	Setting	Description
All Preset	Press the MIC 1 LEVEL knob to execute.	Returns each adjustment value to original value at factory setting. **To reset the setting to the factory setting state:** Rotates the MIC 1 LEVEL knob so that the arrow is positioned to “ALL Preset”, and then press it. The setting of the camera is returned to the factory setting state, and the message “Complete” is displayed. **To reset the setting to the value registered in the reference file:** Execute Auto Level Setup.
Store	Press the MIC 1 LEVEL knob to execute.	Registers the adjustment value of each setting item as the reference file. **To register the reference file:** Rotates the MIC 1 LEVEL knob so that the arrow is positioned to “Store”, and then press it. Starts the reading of the current setting state. **To stop the registration:** Press the MIC 1 LEVEL knob again, cancels the data reading, and returns the previous state. **When the data reading is finished:** Registers the data that was read as the reference file and saves it in the camera. When the registration is completed, the message “Complete” is displayed.

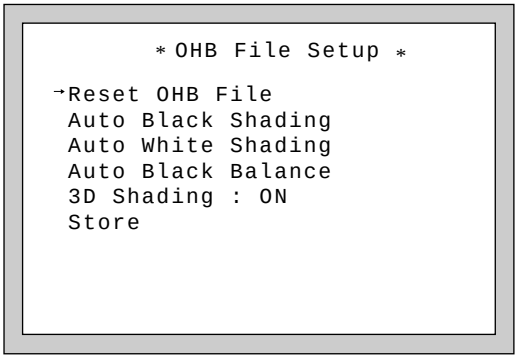
2-2-4. Lens File Setup page



Lens selection area
Displays the details of the selected file.
Name: Lens name
No.: Lens file number
EX: Lens extender value
F: Open F number

Item	Setting	Description
Lens File Store	Press the MIC 1 LEVEL knob to execute.	Registers the adjustment values according to the lens used as the lens file. For details on how to register the lens file, refer to the BVP-900 System Manual.
Select Current Lens	Press the MIC 1 LEVEL knob to execute.	When using lens other than the 16 types of lens registered in the file, change the lens name and register again. **To switch the registered lens:** By pressing the MIC 1 LEVEL knob, moves the cursor to the lens selection area. By rotating it, switches No.1 to 100 lens registered. Press the MIC 1 LEVEL knob when the name of the lens matching with the mounted lens is displayed.
Reset All Lens	Press the MIC 1 LEVEL knob to execute.	Resets the all 16 types of lens file to the original value at factory setting. **To reset the setting to the factory setting state:** Rotates the MIC 1 LEVEL knob so that the arrow is positioned to “Reset ALL Lens”, and then press it. Then all lens files are reset to the factory setting state.

2-2-5. OHB File Setup page

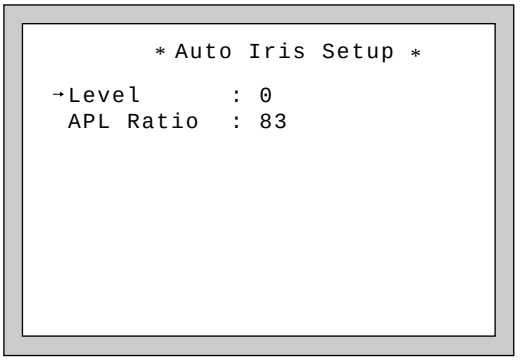


(Display is initial values.)

Item	Setting	Description
Reset OHB File	Press the MIC 1 LEVEL knob to execute.	Clears the descriptions of the OHB file, then reset the file to the original value for adjustment. **To clear the description of the OHB file:** Rotates the MIC 1 LEVEL knob so that the arrow is positioned to "Reset OHB File", and then press it.
Auto Black Shading	Press the MIC 1 LEVEL knob to execute.	Automatic black shading adjustment b).
Auto White Shading	Press the MIC 1 LEVEL knob to execute.	Automatic white shading adjustment b).
Auto Black Balance	Press the MIC 1 LEVEL knob to execute.	Automatic black balance adjustment b).
3D Shading	ON/OFF	Sets ON/OFF the function activating 3D shading correction.
Store	Press the MIC 1 LEVEL knob to execute.	Registers the OHB file and OHB trimming file. For details on how to register the OHB file, refer to the BVP-900 System Manual.

b) When the adjustment is completed, the message "Complete" will be displayed. When the MIC 1 LEVEL knob is pressed again during the automatic adjustment, cancels the adjustment and returns to the previous state.

2-2-6. Auto Iris Setup page



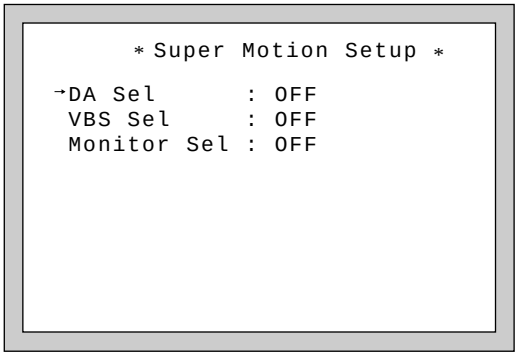
(Display is initial values.)

Item	Setting	Description
Level	−99 to 99	Sets the reference level (target value of concentration) for auto iris. The greater the value, the level becomes up.
APL Ratio	−99 to 99	Sets the mixing ratio of APL (average level) and peak level for auto iris. The greater the value, the APL mixing ratio becomes up. −99 (peak level detection) ↔ 99 (APL detection)

2-2-7. Super Motion Setup page

Note

This item is only displayed when the Field Rate of the System Setup page is set to 180/150. (Refer to Section 2-2-2.)



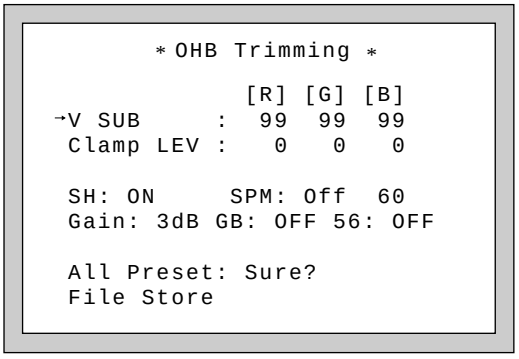
(Display is initial values.)

Item	Setting	Description
DA Sel	ON/OFF	Sets ON/OFF the function to forcibly turn ON the DA converter (normally OFF) during super motion operations.
VBS Sel	ON/OFF	Sets ON/OFF the function to output the VBS signal from the TEST OUT terminal. This cannot be set when DA Sel is set to OFF.
Monitor Sel	ON/OFF	Sets ON/OFF the function to output the monitor output signal from the TEST OUT terminal. This cannot be set when DA Sel is set to OFF.

2-2-8. OHB Trimming page

Note

To avoid incorrect operation, this page is not displayed at factory setting state.
To display this page because of performing adjustment, refer to “Section 2-1 Entering the OHB Trimming Page”.
After adjustment, be sure to reset the switch to the factory setting state (not to be displayed state).



(Display is initial values.)

Item	Setting	Description
V SUB	–99 to 99	Adjusts the R, G, B CCD V substrate voltage.
Clamp LEV	–99 to 99	Adjusts the Clamp offset.
SH	ON/OFF	Sets ON/OFF the black shading correction function.
SPM	Off 60/On 180 (for BVP-9500WS) Off 50/On 150 (for BVP-9500WSP)	Sets the field rate. Off 60/50 : ×1 speed On 180/150 : ×3 speed
Gain	–3, 0, 3, 6, 9, 12, 18	Sets the master gain.
GB	ON/OFF	Sets ON/OFF the gain bounce mode.
56	ON/OFF	Sets ON/OFF the function to set the color temperature to 5600K.
All Preset	Press the MIC 1 LEVEL knob to execute.	Returns the control data from the OHB trimming file to initial setting for adjustment.
File Store	Press the MIC 1 LEVEL knob to execute.	Registers the OHB trimming file and OHB file.

Section 3
Electrical Alignment

3-1. Preparation

3-1-1. Equipment required

Tools

- Extension board assembly EX-762 (Sony part No. : A-8327-478-A)
- Extension board EX-819 (Sony part No. : A-8327-481-A)
- Extension board EX-464 (Sony part No. : A-8318-864-A)
- Multi-burst chart (Sony part No. : J-6026-110-A)
- Pattern box (PTB-500, 90-240 Vac) (Sony part No. : J-6029-140-B)
- Grayscale chart (4:3, transparent) (Sony part No. : J-6026-130-B)
- Grayscale chart (16:9, transparent) (Sony part No. : J-6394-080-A)
- Grayscale chart (4:3, reflective) (Commercially available, Refer to Section 3-1-6)
- OHB extension harness (Sony part No. : J-6394-290-A)
- ROM for adjustment (IC12/TG-194 board) (Sony part No. : J-6470-480-A)

Equipment

- Digital oscilloscope: Tektronix TDS460A or equivalent
- Waveform monitor/Vectorscope: Tektronix 1750 (for NTSC)/1751 (for PAL) or equivalent
- Digital voltmeter: Advantest TR6845 or equivalent
- Color monitor: Sony BVM-2011/3011 or equivalent
- Monochrome monitor (Horizontal resolution; 900 TV lines or more)

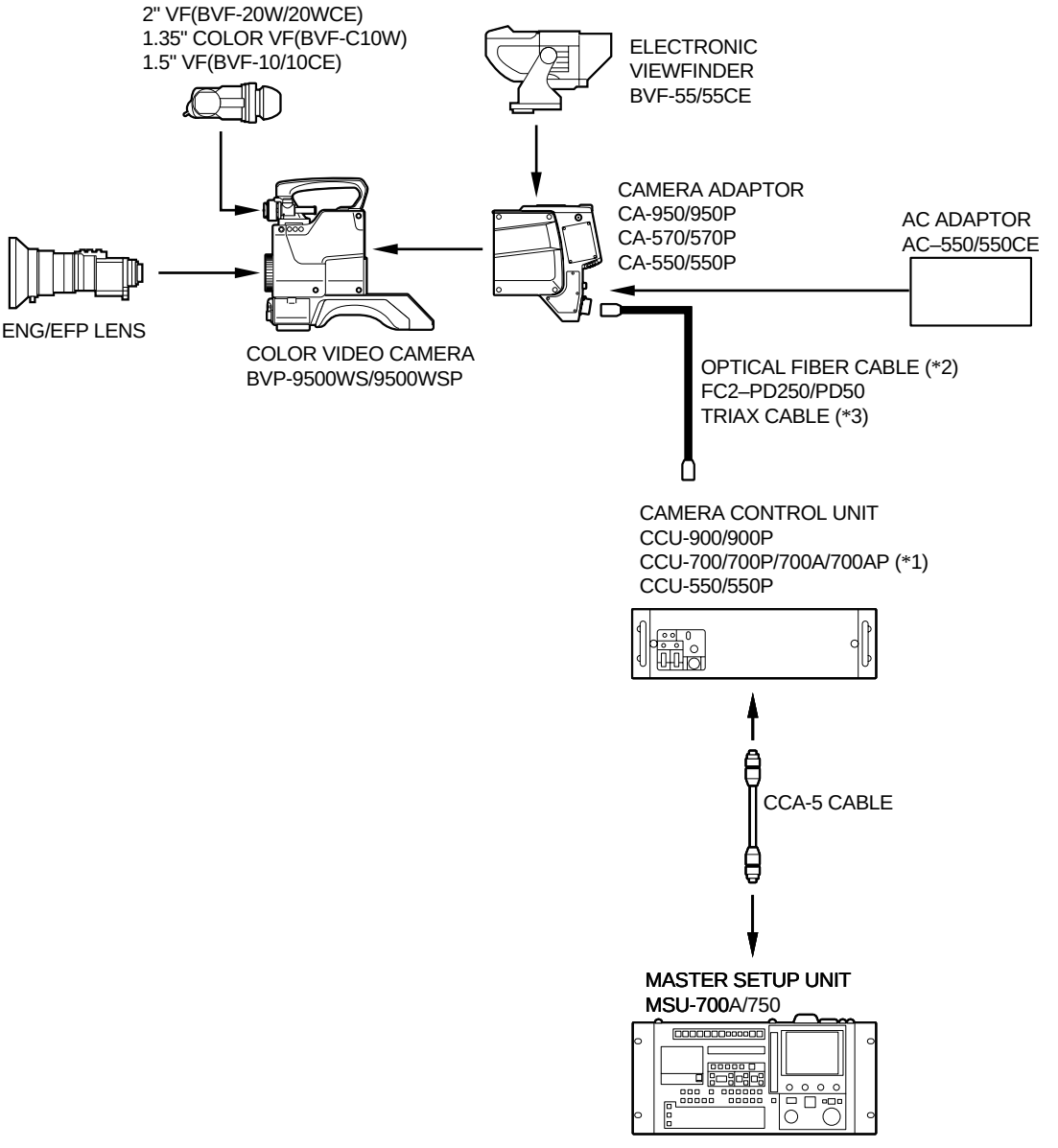
Peripheral equipment

- Camera control unit: CCU-550/550P
  CCU-700/700P/700A/700AP
  CCU-900/900P
- Camera adaptor: CA-550/550P/570/570P
  CA-950/950P
- Viewfinder: BVF-10/10CE/20W/20WCE/C10W
- Master setup unit: MSU-700A/750
- AC adapter: AC-550/550CE

3-1-2. Notes on adjustment

- All measuring equipment should be calibrated.
- All the adjustment of peripheral equipment (CCU, MSU) should be completed.
- As for initial settings before beginning adjustment, refer to section 3-1-4.
- Be sure to power off before disconnecting boards.
- Before adjustment, allow for more than 10 minutes warm-up time.
- Use a plastic (or ceramic) core driver to adjust ⊘LV, ⊘FL, ⊘T, ⊘CV and so on.

3-1-3. Connection



*1: Represented as “CCU” simply for convenience in wirting in this section.
*2: When CA-950/950P and CCU-900/900P are used.
*3: When CA-570/570P, CA-550/550P and CCU-550/550P, CCU-700/700P/700A/700AP are used respectively.

3-1-4. Initial Settings

BVP-9500WS/9500WSP

Set the Maintenance Menu as follows: (Refer to Section 2.)

Maintenance Menu → System Setup → Field Rate → 60 (for BVP-9500WS)
→ 50 (for BVP-9500WSP)

Note

When switching the following switches from a customer-set position, it is recommended to record the setting state of the customer in the table below.

After adjustment is complete, be sure to return the switches to their customer-set position.

Board	Switch	Initial setting	Customer-set position
AT-128	S3-4	OFF	
EN-141	S800	RET	
	S801	CAM	
	S600-1	ON	
	S600-2	ON	
	S601-1	ON	

MSU Operation Panel

Note

This section describes adjustments when using MSU-700A.

When MSU-700A is used

- Power/Signal output select buttons
  - ALL button → OFF (dark)
  - CAM PW button → ON (lit)
  - VF PW button → ON (lit)
  - TEST 1 button → OFF (dark)
  - TEST 2 button → OFF (dark)
  - BARS button → OFF (dark)
  - CLOSE button → ON (lit)
- Camera/CCU function ON/OFF buttons
  - KNEE OFF button → OFF (lit)
  - DETAIL OFF button → OFF (lit)
  - LEV DEP OFF button → OFF (lit)
  - MATRIX OFF button → OFF (lit)
  - AUTO KNEE button → OFF (dark)
  - SKIN DETAIL button → OFF (dark)
- Others
  - GAMMA OFF button → ON (dark)
  - MASTER GAIN button → 0 (0 dB)
  - FILTER button (ND) → 1 (lit)
  - FILTER button (CC) → B (lit)
- Menu operation block (touch panel)
  - PAINT button → ON
  - △ → (2/3) White Clip → White Clip Off

When MSU-750 is used

- Power/Signal output select buttons
  - ALL button → OFF (dark)
  - CAM PW button → ON (lit)
  - VF PW button → ON (lit)
  - TEST 1 button → OFF (dark)
  - TEST 2 button → OFF (dark)
  - BARS button → OFF (dark)
  - CLOSE button → ON (lit)
- Camera/CCU function ON/OFF buttons
  - Knee off* → OFF (lit in reverse)
  - Detail off* → OFF ((lit in reverse)
  - Matrix off* → OFF ((lit in reverse)
  - AUTO KNEE button → OFF (dark)
  - SKIN DETAIL button → OFF (dark)
- Others
  - Gamma off* → ON (lit normally)
  - Master Gain* → 0 (0 dB)
  - ND* → 1 (lit in reverse)
  - CC* → B (lit in reverse)
- Menu operation block (touch panel)
  - PAINT button → ON
  - △ → (2/3) White Clip → White Clip Off

∗ : Press FUNCTION button and select from function menu screen

Presetting Compensation Data

Before beginning adjustment of VA-180 board, VA-200 board and NR-65 board, preset all compensation data output from the microcomputer. To preset proceed as follows. By presetting the data, the microcomputer will output the center value of each data. If you adjust each item without presetting, it cannot be regarded as completion of adjustment.

Presetting

Perform the preset operation on the camera using the viewfinder displays.

Note

Make sure the no display appears on the viewfinder before beginning presetting.

Use the DISPLAY switch, MIC 1 LEVEL control and ENTER/CANCEL switch inside the switch box of the camera.

1. Set the DISPLAY switch to OFF. While holding the ENTER/CANCEL switch up in the ENTER position, slide the DISPLAY switch downward to MENU.
   The Maintenance menu appears in the viewfinder.
2. Set the arrow (→) to the “Reference Store” line by turning the MIC 1 LEVEL control, and slide the ENTER/CANCEL switch upwards to ENTER once.
   The Reference Store menu now appears.
3. Turn the MIC 1 LEVEL control and set the arrow to the “All Preset” line and slide the ENTER/CANCEL switch upwards to ENTER once.
   When presetting is completed, a message “Completed” is displayed.
4. Set the DISPLAY switch to OFF.

3-1-5. Maintaining the Grayscale Chart

For the VA gain adjustment and NR gain adjustment, using an 89.9 %-reflective grayscale chart is preferable.
If a reflective chart is not available, use a well-maintained pattern box and a transparent grayscale chart for adjustment.
Before beginning adjustment, set the illumination of the light source (or the luminous intensity on the chart surface) properly proceeding as follows and set the color temperature to 3200 K exactly by adjusting light.

Information on the reflective grayscale chart

Recommended chart

The reflective grayscale chart is commercially available.

Recommended chart: Reflective grayscale chart (with a special case)
MURAKAMI COLOR RESEARCH LABORATORY GS-3
or equivalent

Supplier: MURAKAMI COLOR RESEARCH LABORATORY
Address: 3-11-3, Kachidoki, Chuo-ku, Tokyo, JAPAN
Postcode 104-0054
Phone: 81-3-3532-3011
Fax: 81-3-3532-2056

Handling precautions

- Do not touch the chart's surface.
- Do not subject the surface to dirt, scratches or prolonged exposure to sunlight.
- Protect the chart from excess moisture and harmful gas.
- Avoid resting articles against the case.
- Open the case and dry the chart more an hour for a month in no use long period.

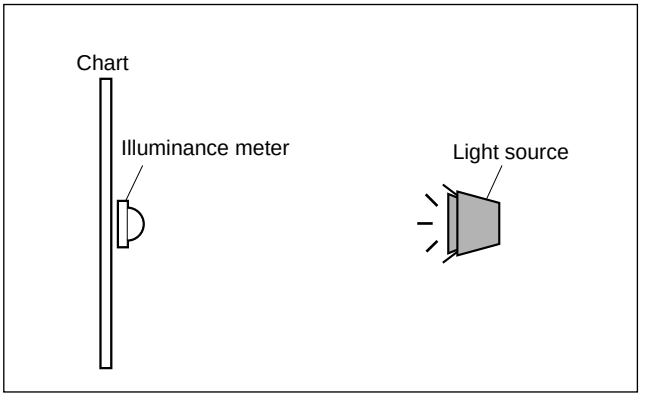
Replacement period when the chart is used as the reference

The reflective grayscale chart should be replaced every two years if it used as the reference. Because the chart deteriorates with time and proper adjustment cannot be achieved.
Replacement period varies according to storage conditions of the chart.

Setting illumination (when the reflective chart is used)

Equipment: Illuminance meter (Calibrated)

1. Turn on the light source and warm up for about 30 minutes.
2. Place the illuminance meter on the chart surface. Adjust the position and angle of the light source so that the whole surface of the chart is evenly 2000 lx.
   Note
   Light the chart from almost the same direction and height as the camera to shoot the chart.



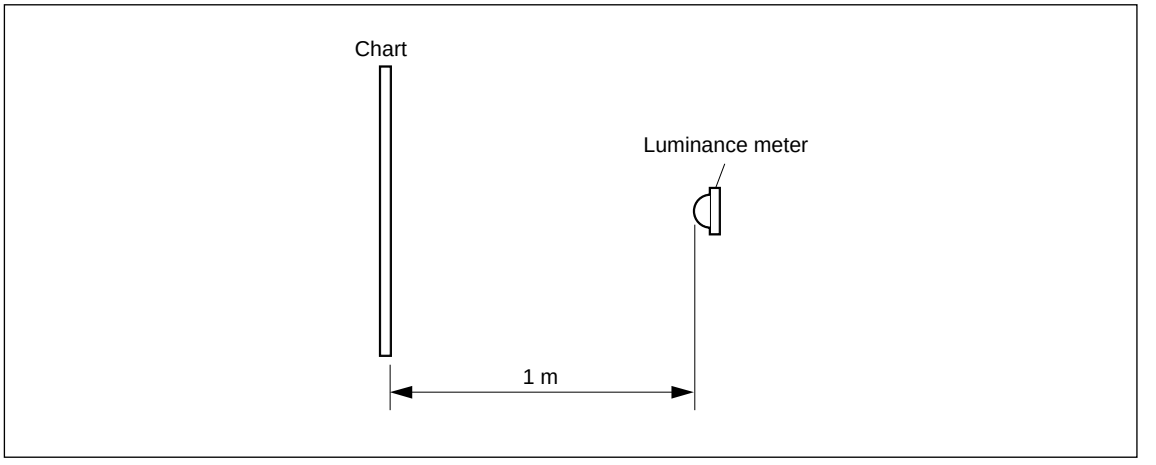
Setting luminous intensity (when the transparent chart is used)

Equipment: Luminance meter (Minolta LS-110 or equivalent. Calibrated.)

1. Light the pattern box and warm up for about 30 minutes.
2. Place the pattern box where the chart is not exposed to light, such as a darkroom.
   (Or cover the pattern box with a cover whose inside is painted in black.)
3. Place the luminance meter facing straight to the chart at a distance of 1 m from it.
4. Adjust the luminance control of the pattern box so that the white portion in the center of the chart is 573 ± 6 cd/m^2.

   Note

   This corresponds to the luminous intensity on the 89.9 %-reflective chart at 2000 lx.



3-2. Video Adjustment

3-2-1. V Substrate Adjustment

Equipment: Oscilloscope
Object: Pattern box

Notes

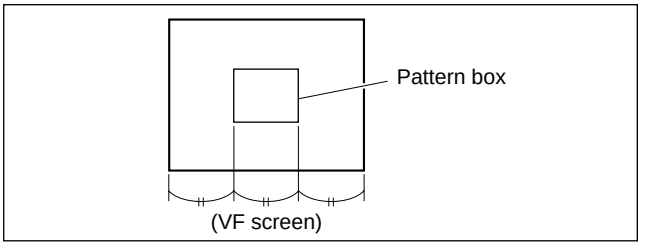
- This adjustment is required when replacing the TG-194 board.
- Perform this adjustment by opening the OHB Trimming page from Maintenance Menu. For details on Maintenance Menu, refer to Section 2.

Preparations

- Extend the CCD unit from the camera by using the OHB extension harness. (Refer to Section 1-9-3.)
- Setting for MSU-700A MASTER GAIN control block
  Master gain → 0 (dB)
- Settings for MSU-700A ECS/SHUTTER control block
  ECS button, ON button → OFF (unlit)
- Turn on the S3-4/AT-128 to display Maintenance Menu.

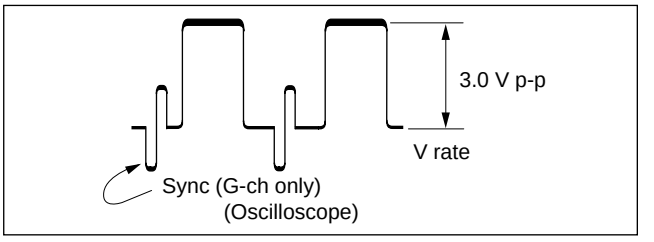
Adjustment procedures

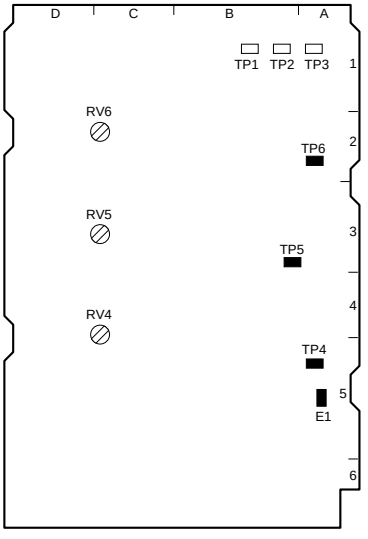
1. Set the OHB Trimming page from Maintenance Menu as follows:
   OHB Trimming → SPM → OFF 60 (for BVP-9500WS)
   → OFF 50 (for BVP-9500WSP)
2. Open the lens iris. Adjust the zoom control so that the pattern box is shot in the following condition.



3. Check that the video level at the following point on the VA-189 board is 3.0 V p-p.

	Test Point/VA-189 board	TRIG/TG-203 board
G-ch	TP5 (GND:E1)	TP8
R-ch	TP4 (GND:E1)	TP8
B-ch	TP6 (GND:E1)	TP8





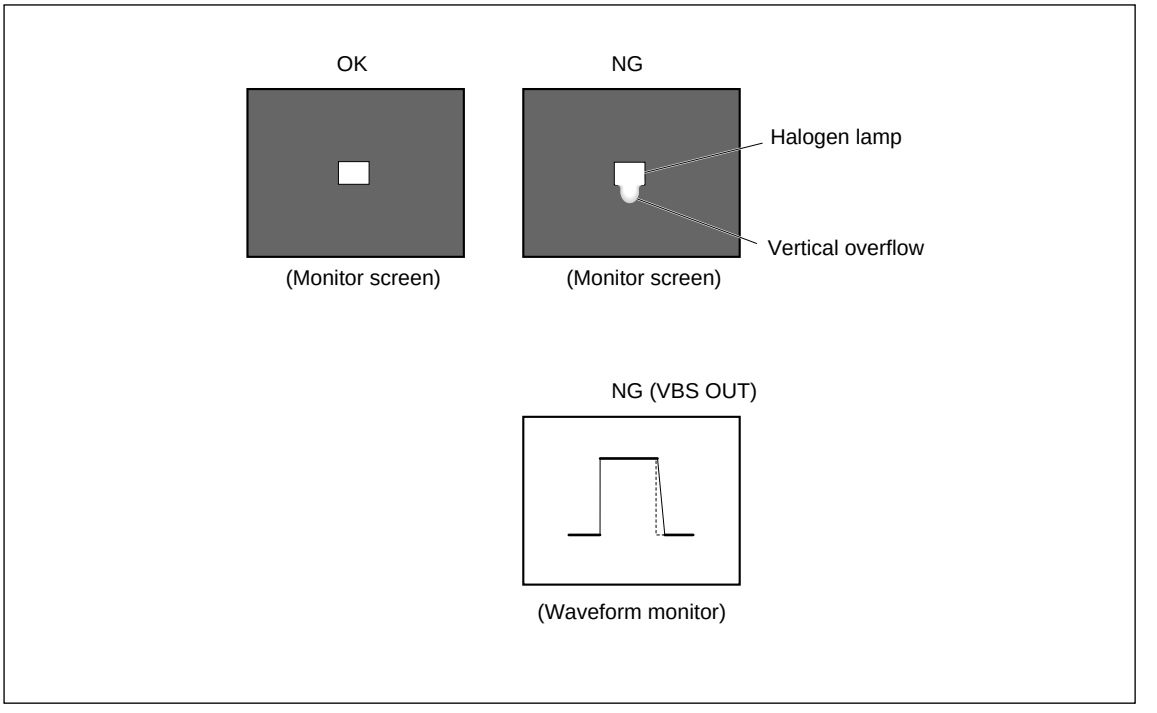
VA-189 BOARD (B SIDE)

4. Adjust for the channel of which specification is not met.

	Test Point/VA-189 board	Adj. point/OHB Trimming page	Specification
G-ch	TP5 (GND:E1)	V SUB [G]	3.0 V p-p
R-ch	TP4 (GND:E1)	V SUB [R]	3.0 V p-p
B-ch	TP6 (GND:E1)	V SUB [B]	3.0 V p-p

5. Connect a color monitor to the VBS OUT connector on the CCU.

6. Shoot the high-intensity object such as a halogen lamp. Check that no vertical overflow phenomenon occurs beneath the light source.
   If occurs, make a fine adjustment for V SUB [R], [G], [B] which was turned in step 4 until the phenomenon disappears.



7. Execute the File Store by selecting the OHB Trimming page from Maintenance Menu.
   OHB Trimming → File Store
8. Set the OHB Trimming page from Maintenance Menu as follows and repeat steps from 2 to 7.
   However, the video level specification should be 2.0 V p-p.
   OHB Trimming → SPM → ON 180 (for BVP-9500WS)
   → ON 150 (for BVP-9500WSP)

Setting after adjustment

- OHB Trimming → SPM → OFF 60 (for BVP-9500WS)
  → OFF 50 (for BVP-9500WSP)
- S3-4/AT-128 board → OFF

3-2-2. RPN Correction Adjustment

Equipment: Monochrome monitor
Test Point: TEST OUT connector/side panel

Notes

- This adjustment is required when replacing the TG-194 board, or replacing adjustment controls ⊘RV1 or ⊘RV2 on the TG-194 board.
- This adjustment must be done at Field Rate 60 (for BVP-9500WS) or 50 (for BVP-9500WSP) : ×1 speed. (Refer to Section 3-1-4.)

Preparations

- Warm up the CCD unit for two hours or more in the range of room temperature to 45°C. Then detach the CCD unit again from the camera and extend CCD unit with an OHB extension harness. (Refer to Section 1-9-3.)

  Note

  Be sure that warming up is carried out at the highest possible temperature in the specified range. Perform this adjustment in such a short time that the temperature in the CCD unit does not drop.

- Connect a monochrome monitor to the TEST OUT connector/side panel.
- Cap the lens mount of the CCD unit with a mount cap.
- Setting for MSU-700A MASTER GAIN control block
  Master gain → 18 (dB)
- Settings for MSU-700A ECS/SHUTTER control block
  ECS button, ON button → OFF (dark)

Adjustment Procedures

1. Select G signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position. (You can check which signal is selected on the viewfinder screen.)

2. Press switch S2 on the TG-194 board to check the presence or absence of RPN-corrected pixel in the G channel.

   Note

   RPN-corrected pixel, if present, will become whitish as compared to surrounding pixels when the switch is pressed.

3. In the R channel, check the presence or absence of RPN-corrected point in the same manner.
   Select R signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

4. In the B channel, check the presence or absence of RPN-corrected point in the same manner.
   Select B signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

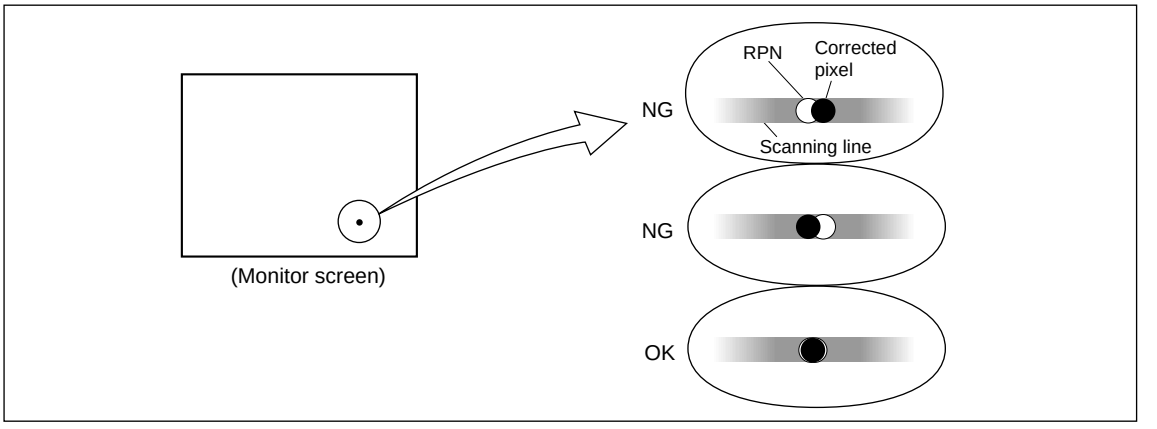
5. Perform the following adjustments observing an RPN-corrected pixel. If two or more pixels which needs to be corrected are present, perform the adjustments for one of them in the corresponding channel.

   Adj. point: ⊘RV1/TG-194 board
   Specification: Minimize the level difference between the corrected pixel and surrounding pixels.

   Adj. point: ⊘RV2/TG-194 board
   Specification: Minimize phase error on the corrected pixel.

   Note

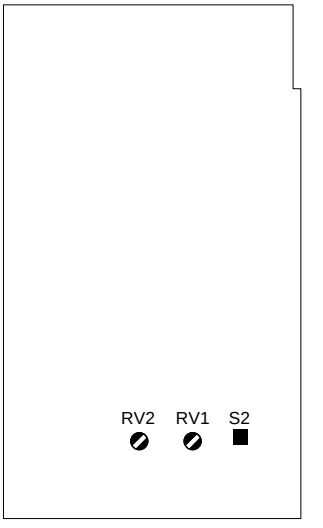
   If no RPN-corrected pixel is monitored in all channels, set ⊘RV1 and ⊘RV2 to their mechanical center.



6. Ensure that all the pixels are corrected properly in the other channels.

Setting after adjustment

TEST OUT switch (side panel) → ENC



TG-194 BOARD (B SIDE)

3-2-3. OFFSET Adjustment

Equipment: Waveform monitor
Test Point: TEST OUT connector/side panel

Note

Perform this adjustment by opening the OHB Trimming page from Maintenance Menu.
For details on Maintenance Menu, refer to Section 2.

Preparations

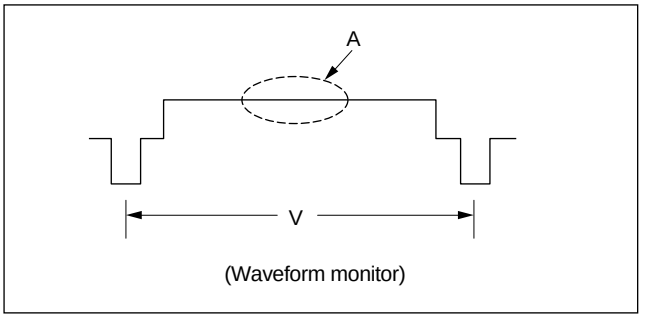
- Cap the lens mount of the CCD unit with a mount cap.
- Setting for MSU-700A MASTER GAIN control block
  Master gain → 0 (dB)
- Connect the waveform monitor to the TEST OUT connector/side panel.
- Settings for waveform monitor
  DISPLAY:2 FIELD(V rate), VOLTS FULL SCALE range: 0.2, LUM mode
- Turn on the S3-4/AT-128 to display Maintenance Menu.

Adjustment procedures

1. Set the OHB Trimming page from Maintenance Menu as follows:
   OHB Trimming → SPM → OFF 60 (for BVP-9500WS)
   → OFF 50 (for BVP-9500WSP)
   → SH → OFF
   → GB → ON

2. G OFFSET adjustment
   Select G signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position. (You can check which signal is selected on the viewfinder screen.)

   Adj. point: Clamp LEV [G]/OHB Trimming page
   Specification: The level at portion A does not change.



(Waveform monitor)

3. R OFFSET adjustment
   Select R signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

   Adj. point: Clamp LEV [R]/OHB Trimming page
   Specification: The level at portion A does not change.

4. B OFFSET adjustment
   Select B signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

   Adj. point: Clamp LEV [B]/OHB Trimming page
   Specification: The level at portion A does not change.

5. Execute the File Store by selecting the OHB Trimming page from Maintenance Menu.
   OHB Trimming → File Store

6. Set the OHB Trimming page from Maintenance Menu as follows and repeat steps from 2 to 5.
   OHB Trimming → SPM → ON 180 (for BVP-9500WS)
   → ON 150 (for BVP-9500WSP)

Setting after adjustment

- OHB Trimming → GB → OFF
  → SH → ON
  → SPM → OFF 60 (for BVP-9500WS)
  → OFF 50 (for BVP-9500WSP)
- S3-4/AT-128 board → OFF
- TEST OUT switch (side panel) → ENC

3-2-4. TEST Signal Level Adjustment

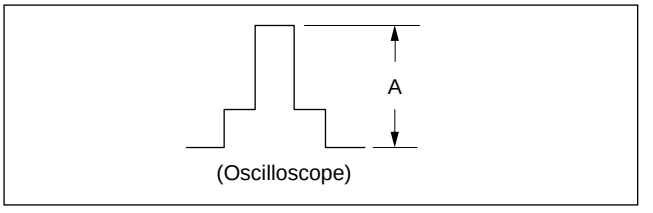
Equipment: Oscilloscope

Preparations

- Setting for MSU-700A MASTER GAIN control block
  Master gain → 0 (dB)
- Extend the CCD unit from the camera by using the OHB extension harness. (Refer to Section 1-9-3.)

Adjustment procedures

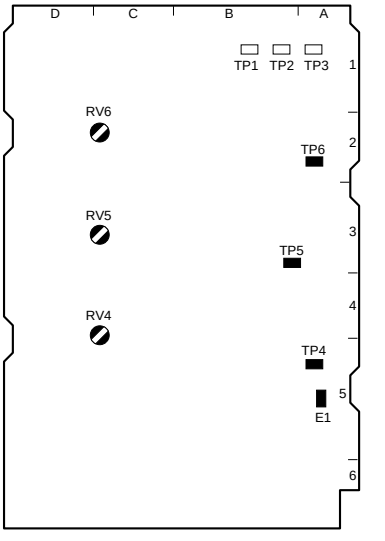
1. TEST 2 button (MSU-700A) → ON (lit)
2. Test Point: TP5 (GND:E1)/VA-189 board
   Adj. point: ⊘RV5/VA-189 board
   Specification: A = 508 ±5 mV



3. R-ch adjustment
   Test Point: TP4 (GND:E1)/VA-189 board
   Adj. point: ⊘RV4/VA-189 board
   Specification: A = 508 ±5 mV
4. B-ch adjustment
   Test Point: TP6 (GND:E1)/VA-189 board
   Adj. point: ⊘RV6/VA-189 board
   Specification: A = 508 ±5 mV

Setting after adjustment

TEST 2 button (MSU-700A) → OFF (unlit)



VA-189 BOARD (B SIDE)

3-2-5. VA Gain Adjustment

Equipment: Waveform monitor
Test Point: TEST OUT connector/side panel
Object: Grayscale chart

Notes

- For this adjustment, using an 89.9 % - reflective grayscale chart is preferable. (Refer to Section 3-1-5.)
- Make sure that presetting all the compensation data is completed before beginning adjustment. (Refer to Section 3-1-4.)
- This adjustment must be done at Field Rate 60 (for BVP-9500WS) or 50 (for BVP-9500WSP) : ×1 speed. (Refer to Section 3-1-4.)

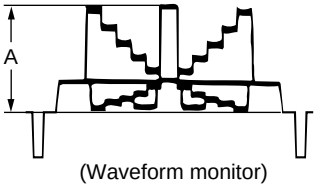
Preparations

- Remove the filter disk unit and attach the lens to the CCD unit.
- Connect the waveform monitor to the TEST OUT connector/side panel.
- Setting for MSU-700A MASTER GAIN control block
  Master gain → 0 (dB)
- Setting for MSU-700A IRIS control block
  Iris → F8.0
- Shoot the grayscale chart so that its frame is aligned with the underscanned monitor frame.

Adjustment procedures

1. G GAIN adjustment
   Select G signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position. (You can check which signal is selected on the viewfinder screen.)

   Adj. point: ⊘RV2 (G)/VA-189 board
   Specification: A= 100 ±2 IRE [NTSC]
   A= 700 ±14 mV [PAL]



(Waveform monitor)

2. R GAIN adjustment
   Select R signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

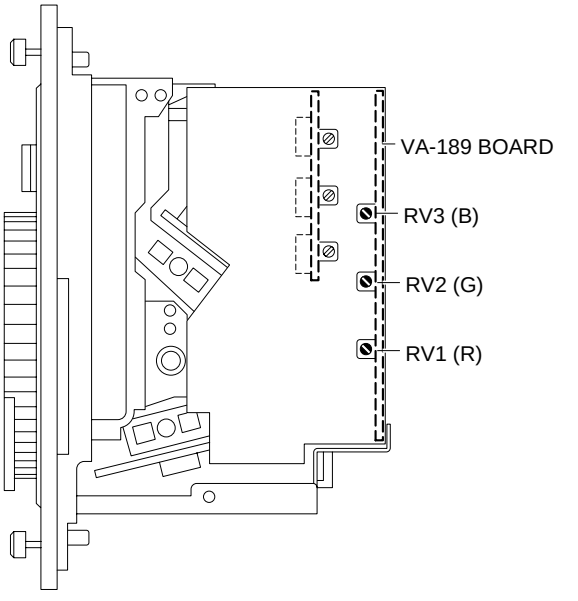
   Adj. point: ⊘RV1 (R)/VA-189 board
   Specification: The same as for G GAIN adjustment.

3. B GAIN adjustment
   Select B signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

   Adj. point: ⊘RV3 (B)/VA-189 board
   Specification: The same as for G GAIN adjustment.

Setting after adjustment

TEST OUT switch (side panel) → ENC



3-2-6. NR Gain Adjustment

Equipment: Waveform monitor
Test Point: TEST OUT connector/side panel
Object: Grayscale chart

Notes

- For this adjustment, using an 89.9 % - reflective grayscale chart is preferable. (Refer to Section 3-1-5.)
- Perform this adjustment after completing "3-2-6. VA Gain Adjustment."
- Make sure that presetting all the compensation data is completed before beginning adjustment. (Refer to Section 3-1-4.)

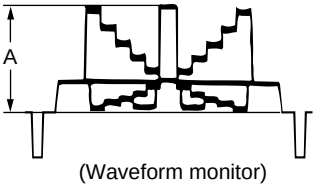
Preparations

- Remove the filter disk unit and attach the lens to the CCD unit.
- Connect the waveform monitor to the TEST OUT connector/side panel.
- Setting for MSU-700A MASTER GAIN control block
  Master gain → 9 (dB)
- Setting for MSU-700A IRIS control block
  Iris → F8.0
- Shoot the grayscale chart so that its frame is aligned with the underscanned monitor frame.
- S3-4/AT-128 board → ON
- Set the Maintenance Menu as follows: (Refer to Section 2.)
  Maintenance Menu → System Setup → Field Rate → 180 (for BVP-9500WS)
  → 150 (for BVP-9500WSP)
  Maintenance Menu → Supermotion Setup → DA Sel → ON
  → VBS Sel → ON
  → Monitor Sel → ON

Adjustment procedures

1. G GAIN adjustment
   Select G signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position. (You can check which signal is selected on the viewfinder screen.)

   Adj. point: ⊘RV2 (G3)/NR-65 board
   Specification: A= 100 ±2 IRE [NTSC]
   A= 700 ±14 mV [PAL]



(Waveform monitor)

2. R GAIN adjustment
   Select R signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

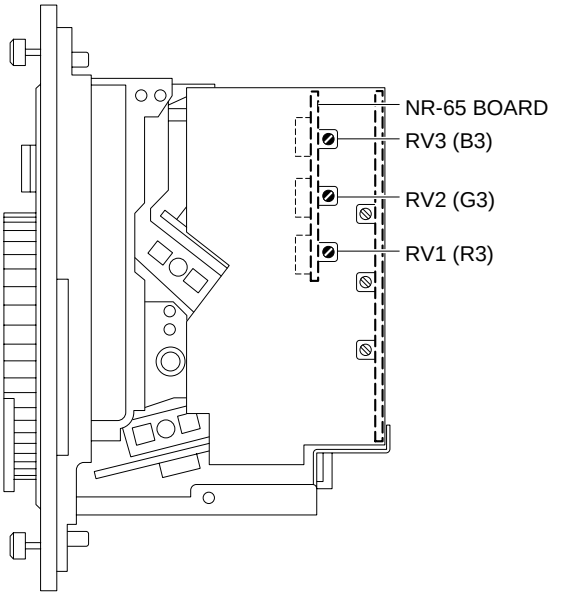
   Adj. point: ⊘RV1 (R3)/NR-65 board
   Specification: The same as for G GAIN adjustment.

3. B GAIN adjustment
   Select B signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

   Adj. point: ⊘RV3 (B3)/NR-65 board
   Specification: The same as for G GAIN adjustment.

Setting after adjustment

- TEST OUT switch (side panel) → ENC
- S3-4/AT-128 board → OFF



3-3. Encoder System Adjustment

3-3-1. DA Output Level Adjustment (PR-248 Board)

Equipment: Oscilloscope

Notes

- Perform this adjustment only when PR-248 board adjustment is not completed.
- This adjustment must be done at Field Rate 60 (for BVP-9500WS) or 50 (for BVP-9500WSP) : x1 speed. (Refer to Section 3-1-4.)

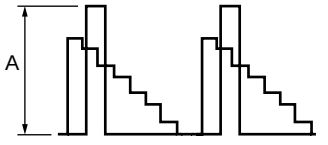
Preparations

- Remove the PR-249 board. (Refer to Section 1-5-7.)
- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS

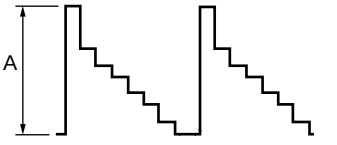
Adjustment procedures

1. Test point: Pin 80 (84)/EX-762 (EX-464) board
   GND: Pin 79 (82)/EX-762 (EX-464) board
   Adj. point: ⊘RV4 (Y GAIN) /PR-248 board
   Specification: A = 700 ±5 mV

[NTSC]

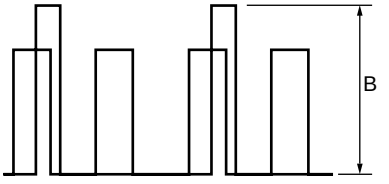


[PAL]

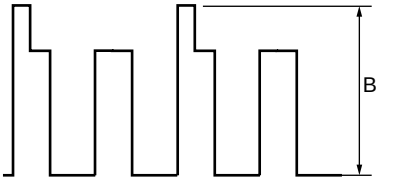


2. Test point: Pin 78 (81)/EX-762 (EX-464) board
   GND: Pin 77 (79)/EX-762 (EX-464) board
   Adj. point: ⊘RV1 (R GAIN) /PR-248 board
   Specification: B = 700 ±5 mV

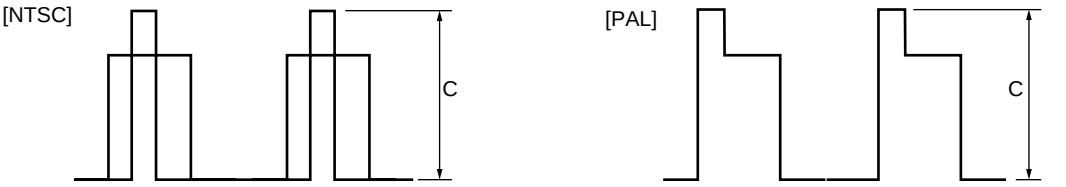
[NTSC]



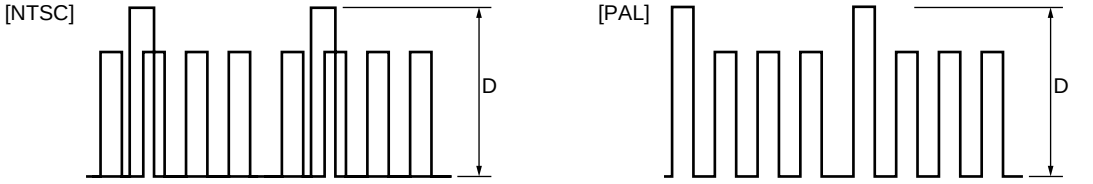
[PAL]



3. Test point: Pin 76 (78)/EX-762 (EX-464) board
   GND: Pin 75 (76)/EX-762 (EX-464) board
   Adj. point: ⊘RV2 (G GAIN) /PR-248 board
   Specification: C = 700 ± 5 mV

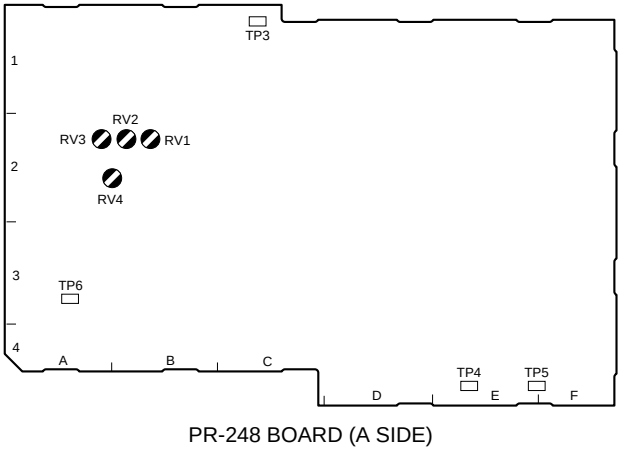


4. Test point: Pin 74 (75)/EX-762 (EX-464) board
   GND: Pin 73 (73)/EX-762 (EX-464) board
   Adj. point: ⊘RV3 (B GAIN) /PR-248 board
   Specification: D = 700 ± 5 mV



Setting after adjustment

Installation the PR-249 board. (Refer to Section 1-5-7.)



PR-248 BOARD (A SIDE)

3-3-2. R Level Adjustment

Equipment: Oscilloscope

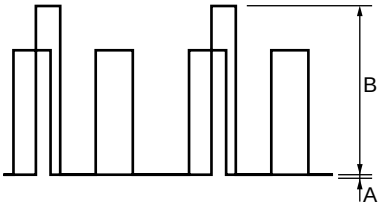
Preparations

- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS

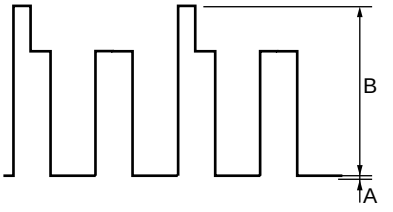
Adjustment procedures

1. Test point: TP1/EN-141 board
   GND: E1/EN-141 board
   Adj. point: ◓RV104 (R BL) /EN-141 board
   Specification: A = 0 ±5 mV

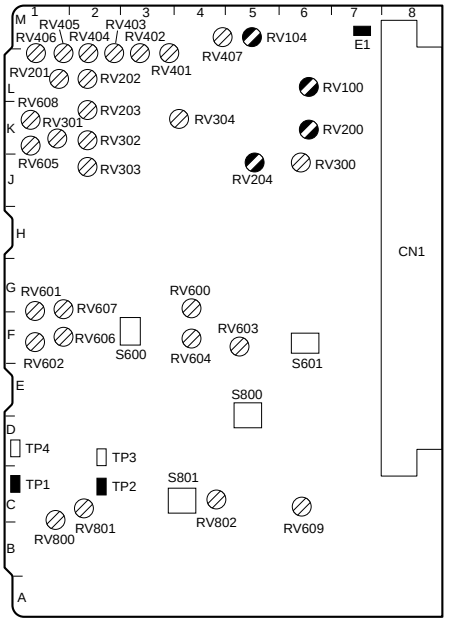
[NTSC]



[PAL]



2. Test point: TP1/EN-141 board
   GND: E1/EN-141 board
   Adj. point: ◓RV100 (R LEV) /EN-141 board
   Specification: B = 1200 ±10 mV



EN-141 BOARD (A SIDE)

3-3-3. G Level Adjustment

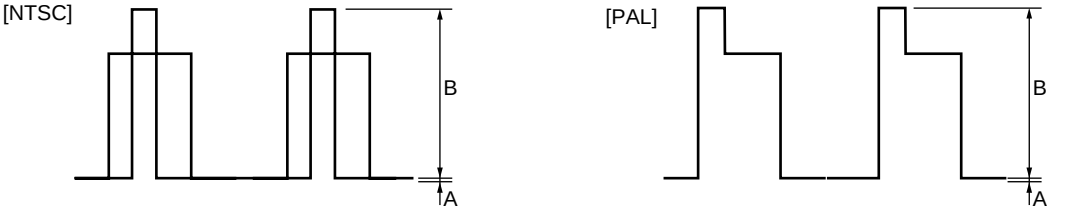
Equipment: Oscilloscope

Preparations

- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS

Adjustment procedures

1. Test point: TP2/EN-141 board
   GND: E1/EN-141 board
   Adj. point: ⊘RV204 (G BL) /EN-141 board
   Specification: A = 0 ± 5 mV



2. Test point: TP2/EN-141 board
   GND: E1/EN-141 board
   Adj. point: ⊘RV200 (G LEV) /EN-141 board
   Specification: B = 1200 ± 10 mV

3-3-4. B Level Adjustment

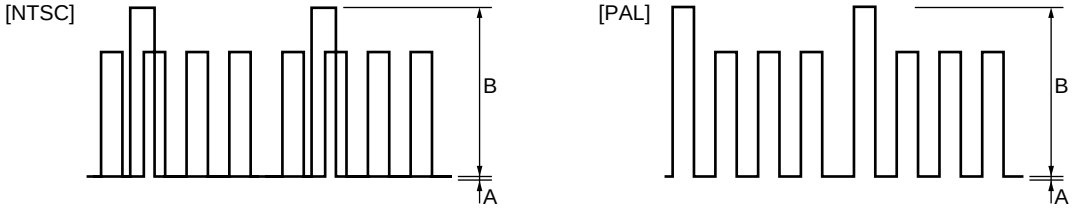
Equipment: Oscilloscope

Preparations

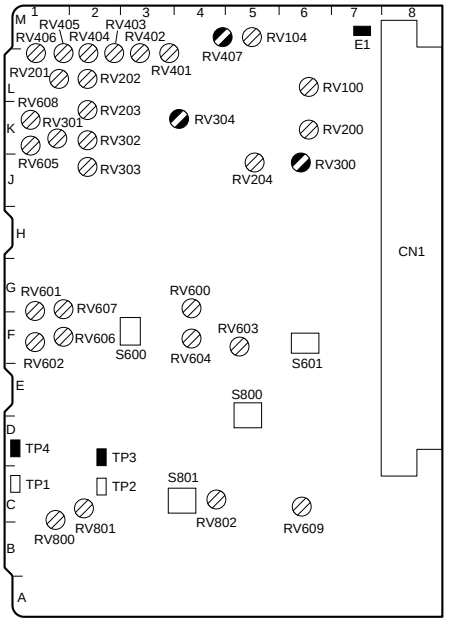
- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS

Adjustment procedures

1. Test point: TP3/EN-141 board
   GND: E1/EN-141 board
   Adj. point: ◓RV304 (B BL) /EN-141 board
   Specification: A = 0 ±5 mV



2. Test point: TP3/EN-141 board
   GND: E1/EN-141 board
   Adj. point: ◓RV300 (B LEV) /EN-141 board
   Specification: B = 1200 ±10 mV



EN-141 BOARD (A SIDE)

3-3-5. Y Level Adjustment

Equipment: Oscilloscope

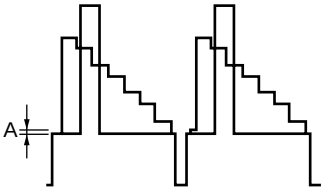
Preparations

- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS

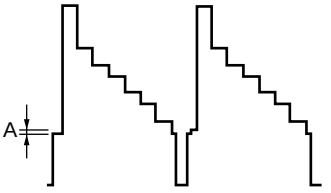
Adjustment procedure

1. Test point: TP4/EN-141 board
   GND: E1/EN-141 board
   Adj. point: ⊘RV407 (Y BL) /EN-141 board
   Specification: A = 0 ± 5 mV

[NTSC]



[PAL]



3-3-6. VTR Y/R-Y/B-Y Level Adjustment

Equipment: Oscilloscope

Preparations

- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS

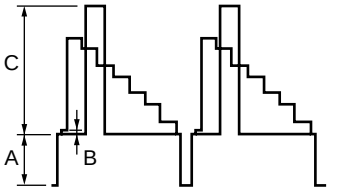
Adjustment procedures

Note

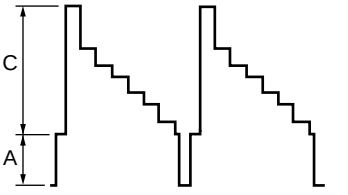
When performing this adjustment using CA-950/950P and CCU-900/900P, terminate at 1 kΩ.

1. Test point: Pin 48/EX-762 or EX-464 board
   GND: Pin 47/EX-762 or EX-464 board
   Adj. point: ◓RV404 (VTR SYNC) /EN-141 board
   Specification: A = 286 ±5 mV [NTSC]
   A = 300 ±5 mV [PAL]

[NTSC]



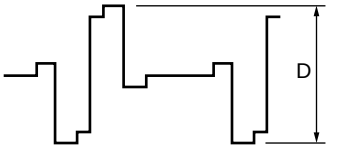
[PAL]

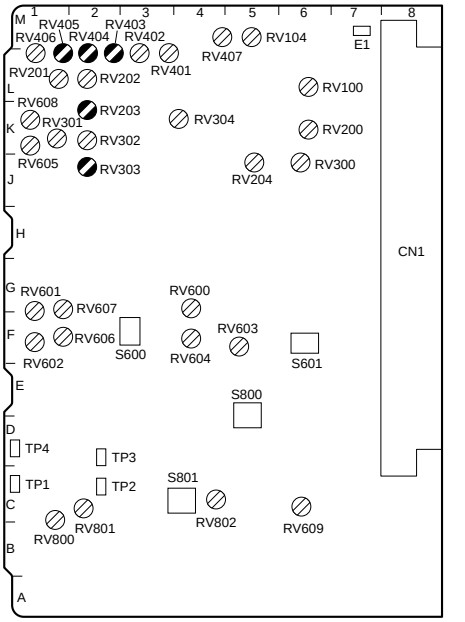


2. Setup level adjustment (UC model only)
   Test point: Pin 48/EX-762 or EX-464 board
   GND: Pin 47/EX-762 or EX-464 board
   Adj. point: ◓RV405 (SETUP) /EN-141 board
   Specification: B = 53.5 ±2.0 mV

3. Test point: Pin 48/EX-762 or EX-464 board
   GND: Pin 47/EX-762 or EX-464 board
   Adj. point: ◓RV403 (VTR Y) /EN-141 board
   Specification: C = 714 ±5 mV [NTSC]
   C = 700 ±5 mV [PAL]

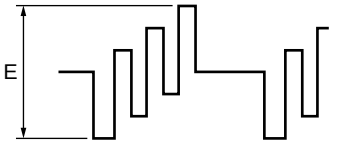
4. Test point: Pin 46/EX-762 or EX-464 board
   GND: Pin 45/EX-762 or EX-464 board
   Adj. point: ◓RV203 (VTR R-Y) /EN-141 board
   Specification: D = 700 ±5 mV [UC model]
   D = 525 ±5 mV [PAL]





EN-141 BOARD (A SIDE)

5. Test point: Pin 44/EX-762 or EX-464 board
   GND: Pin 43/EX-762 or EX-464 board
   Adj. point: ⊘RV303 (VTR B-Y) /EN-141 board
   Specification: E = 700 ±5 mV [UC model]
   E = 525 ±5 mV [PAL]



3-3-7. CCU Y Level Adjustment

Equipment: Oscilloscope

Preparations

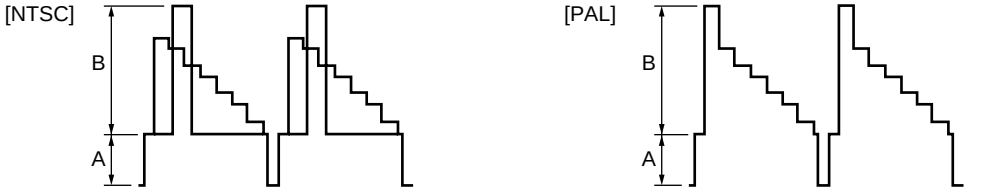
- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Disconnect the triax cable or optical fiber cable from CCU.
- Set the Maintenance Menu as follows: (Refer to Section 2.)
  Maintenance Menu → System Setup → Color Bar → ON

Adjustment procedures

Note

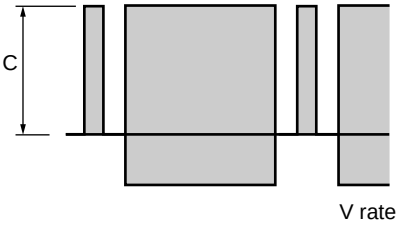
When performing this adjustment using CA-950/950P and CCU-900/900P, terminate at 1 kΩ.

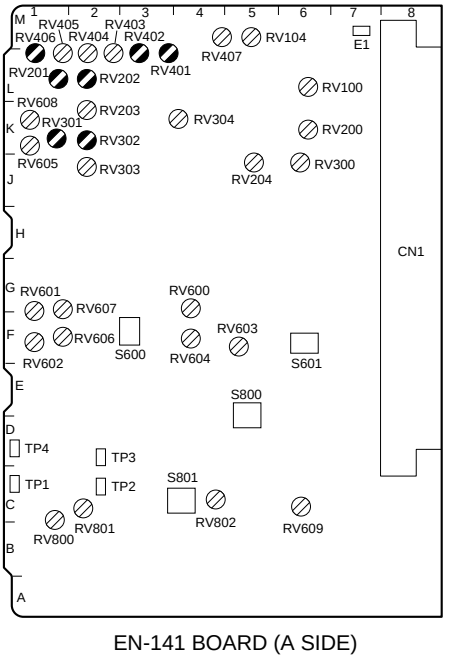
1. Test point: Pin 48/EX-762 or EX-464 board
   GND: Pin 47/EX-762 or EX-464 board
   Adj. point: ◓RV402 (CCU SYNC) /EN-141 board
   Specification: A = 303 ±5 mV [UC model]
   A = 300 ±5 mV [PAL]



2. Test point: Pin 48/EX-762 or EX-464 board
   GND: Pin 47/EX-762 or EX-464 board
   Adj. point: ◓RV401 (CCU Y) /EN-141 board
   Specification: B = 700 ±5 mV

3. Test point: Pin 48/EX-762 or EX-464 board
   GND: Pin 47/EX-762 or EX-464 board
   Adj. point: ◓RV406 (CCU SAMPLE) /EN-141 board
   Specification: C = 700 ±5 mV





EN-141 BOARD (A SIDE)

3-3-8. CCU R-Y/B-Y Level Adjustment

Equipment: Oscilloscope

Preparations

- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Disconnect the triax cable or optical fiber cable from CCU.
- Set the Maintenance Menu as follows: (Refer to Section 2.)
  Maintenance Menu → System Setup → Color Bar → ON

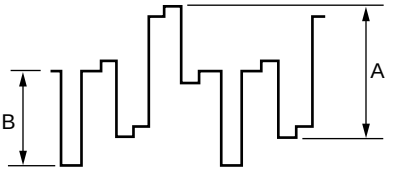
Adjustment procedures

Note

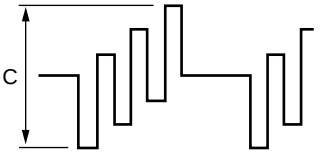
When performing this adjustment using CA-950/950P and CCU-900/900P, terminate at 1 kΩ.

1. Test point: Pin 46/EX-762 or EX-464 board
   GND: Pin 45/EX-762 or EX-464 board
   Adj. point: ⊘RV202 (CCU R-Y) /EN-141 board
   Specification: A = 525 ± 5 mV

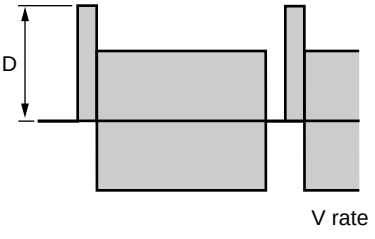
2. Test point: Pin 46/EX-762 or EX-464 board
   GND: Pin 45/EX-762 or EX-464 board
   Adj. point: ⊘RV201 (CCU R-Y SAMPLE) /EN-141 board
   Specification: B = 350 ± 5 mV



3. Test point: Pin 44/EX-762 or EX-464 board
   GND: Pin 43/EX-762 or EX-464 board
   Adj. point: ⊘RV302 (CCU B-Y) /EN-141 board
   Specification: C = 525 ± 5 mV



4. Test point: Pin 44/EX-762 or EX-464 board
   GND: Pin 43/EX-762 or EX-464 board
   Adj. point: ⊘RV301 (CCU B-Y SAMPLE) /EN-141 board
   Specification: D = 350 ± 5 mV



3-3-9. RET Level Adjustment

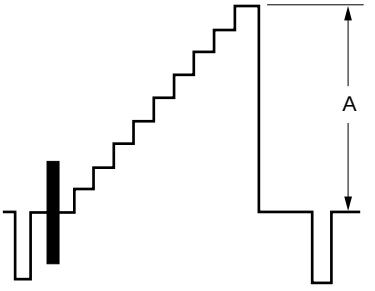
Equipment: Waveform monitor
Test point: TEST OUT connector/side panel

Preparations

- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Connect the waveform monitor to the TEST OUT connector/side panel.
- Connect the optical/electrical cable between CA-950/950P and CCU-900/900P.
- Inputs a 10 STEP signal to RET connector on the CCU-900/900P.
- S801 (TEST OUT) /EN-141 board → RET

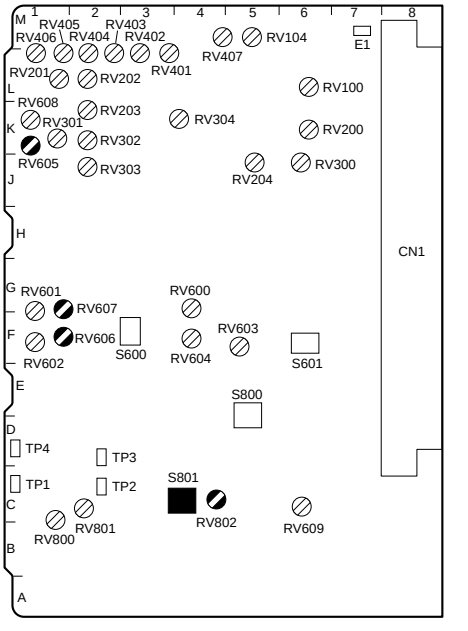
Adjustment procedure

1. Adj. point: ◓RV802 (RET LEV) /EN-141 board
   Specification: A = 100 ±1 IRE [NTSC]
   A = 700 ±5 mV [PAL]



Setting after adjustment

S801 (TEST OUT) /EN-141 board → CAM



EN-141 BOARD (A SIDE)

3-3-10. VBS Y Level Adjustment

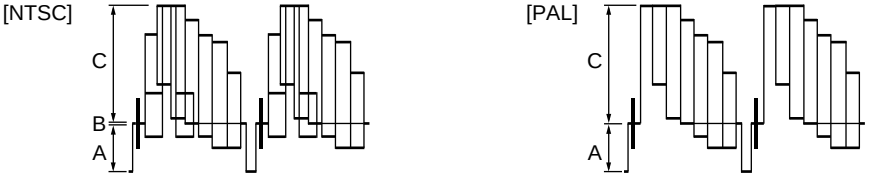
Equipment: Waveform monitor

Preparations

- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Connect the waveform monitor to the TEST OUT connector/side panel.
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS

Adjustment procedures

1. Test point: TEST OUT connector/side panel
   Adj. point: ⊘RV606 (VBS Y SYNC) /EN-141 board
   Specification: A = 40 ± 1 IRE [NTSC]
   A = 300 ± 5 mV [PAL]



2. Setup level adjustment (UC model only)
   Test point: TEST OUT connector/side panel
   Adj. point: ⊘RV607 (VBS Y SETUP) /EN-141 board
   Specification: B = 7.5 ± 1.0 IRE

3. Test point: Pin 50/EX-762 or EX-464 board
   GND: Pin 49/EX-762 or EX-464 board
   Adj. point: ⊘RV605 (VBS Y) /EN-141 board
   Specification: C = 100 ± 1 IRE [NTSC]
   C = 700 ± 5 mV [PAL]

3-3-11. I (V) Level Adjustment

Equipment: Vectorscope
Test point: TEST OUT connector/side panel

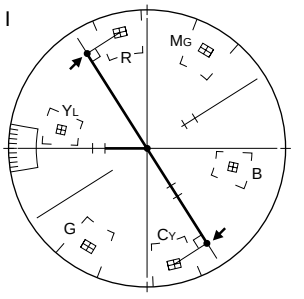
Preparations

- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Connect the vectorscope to the TEST OUT connector/side panel.
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS
- S600-2 (I/V ON/OFF) /EN-141 board → OFF
- Turn PHASE control on the vectorscope so that the beam line of I (V) signal matches the I (V) axis.

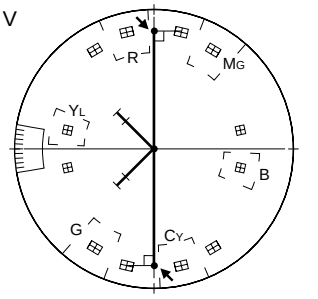
Adjustment procedure

1. Adj. point: ◓RV608 (CHROMA) /EN-141 board
   Specification: The beam spot of I (V) signal fit the scale

[NTSC] : I

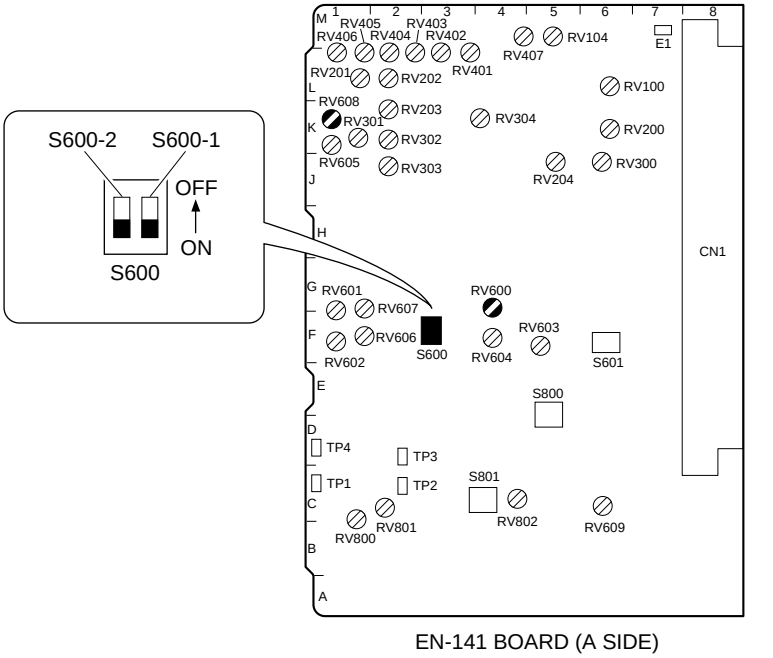


[PAL] : V



Setting after adjustment

S600-2 (I/V ON/OFF) /EN-141 board → ON



EN-141 BOARD (A SIDE)

3-3-12. Q (U) Level Adjustment

Equipment: Vectorscope
Test point: TEST OUT connector/side panel

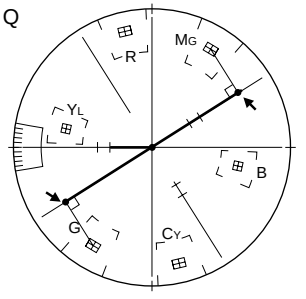
Preparations

- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Connect the vectorscope to the TEST OUT connector/side panel.
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS
- S600-1 (Q/U ON/OFF) /EN-141 board → OFF
- Turn PHASE control on the vectorscope so that the beam line of Q (U) signal matches the Q (U) axis.

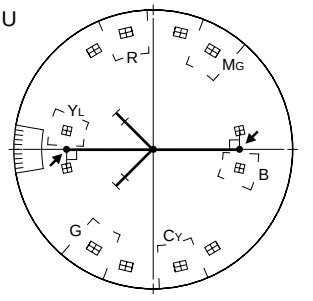
Adjustment procedure

1. Adj. point: ⊘RV600 (Q/U LEV) /EN-141 board
   Specification: The beam spot of Q (U) signal fit the scale

[NTSC] : Q



[PAL] : U



Setting after adjustment

S600-1 (Q/U ON/OFF) /EN-141 board → ON

3-3-13. I/Q (V/U) Phase Adjustment

Equipment: Vectorscope
Test point: TEST OUT connector/side panel

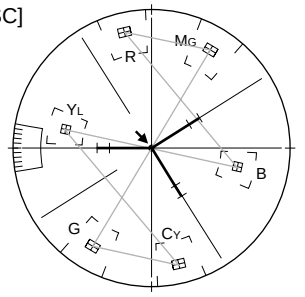
Preparations

- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Connect the vectorscope to the TEST OUT connector/side panel.
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS

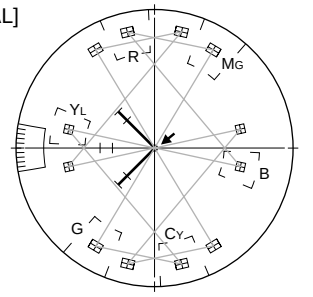
Adjustment procedures

1. Adj. point: ◓RV601 (Q/U BAL) /EN-141 board
   ◓RV602 (I/V BAL) /EN-141 board
   Specification: Minimize tha beam spot of center on the vectorscope.

[NTSC]

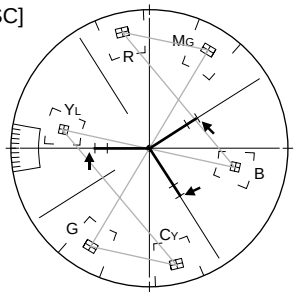


[PAL]

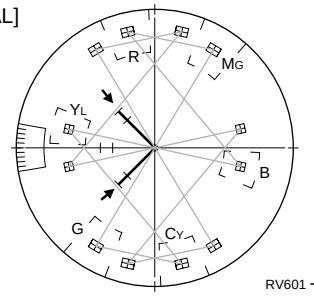


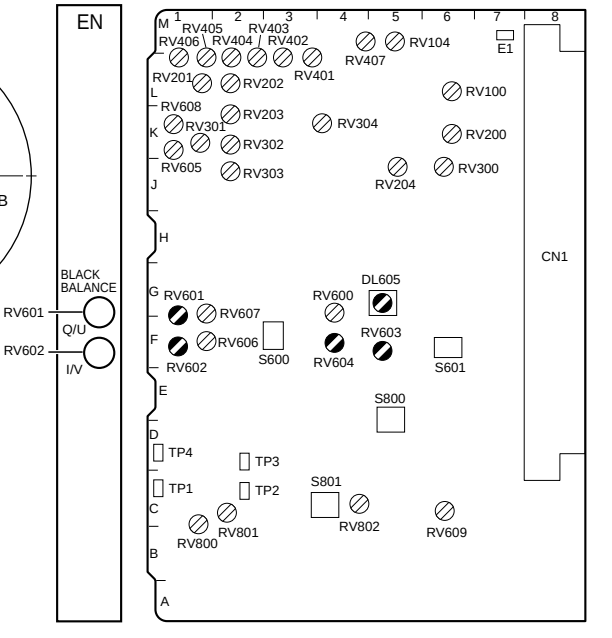
2. Adj. point: ◓DL605 (I/Q BAL) /EN-141 board
   Specification: The beam spot of I signal matches the I axis and the beam spot of Q signal matches the Q axis. [NTSC]
   Equate two burst levels [PAL]

[NTSC]



[PAL]





EN-141 BOARD (A SIDE)

3-3-14. Burst Adjustment

Equipment: Vectorscope, Waveform monitor
Test point: TEST OUT connector/side panel

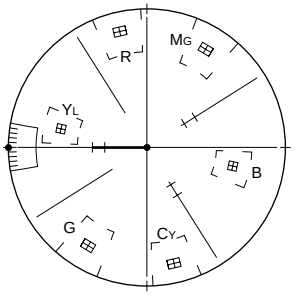
Preparations

- Extend the EN-141 board with the extension board (EX-762 board assembly or EX-464.)
- Connect the vectorscope and waveform monitor the TEST OUT connector/side panel.
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS
- Turn PHASE control on the vectorscope so that the beam line of burst signal matches the B-Y axis.

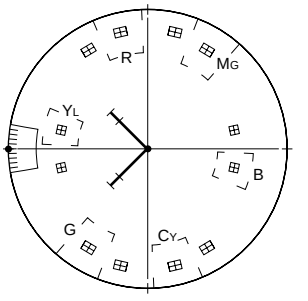
Adjustment procedures

1. Adj. point: ⊘RV604 (BST PHASE) /EN-141 board
   Specification: The beam spot of I signal matches the I axis and the beam spot of Q signal matches the Q axis. [NTSC]
   The beam spot of bust signals match the each burst axis. [PAL]

[NTSC]

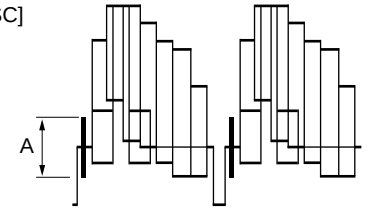


[PAL]

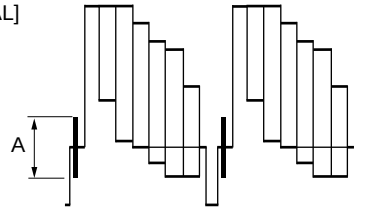


2. Adj. point: ⊘RV603 (BST LEV) /EN-141 board
   Specification: A = 40 IRE [NTSC]
   A = 300 mV [PAL]

[NTSC]



[PAL]



3-3-15. INT SC Phase Adjustment

Equipment: Vectorscope
Test point: TEST OUT connector/side panel

Note

The following adjustment procedures are described under the condition by using the Tektronix 1750/1751.
If any other measuring instrument is used, perform the adjustment according the operation manual attached to it.

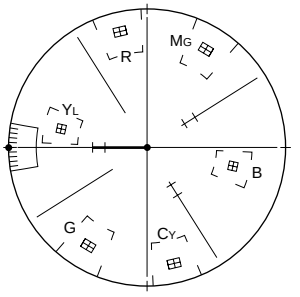
Preparations

- Extend the EN-141 board with the extension board (EX-762 board assemby or EX-464.)
- Connect the vectorscope to the TEST OUT connector/side panel.
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/side panel → BARS
- TESTOUT switch/side panel → ENC

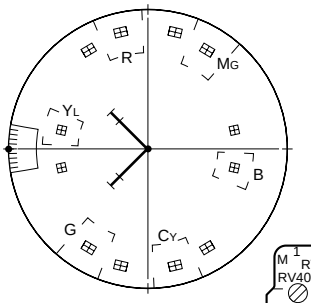
Adjustment procedure

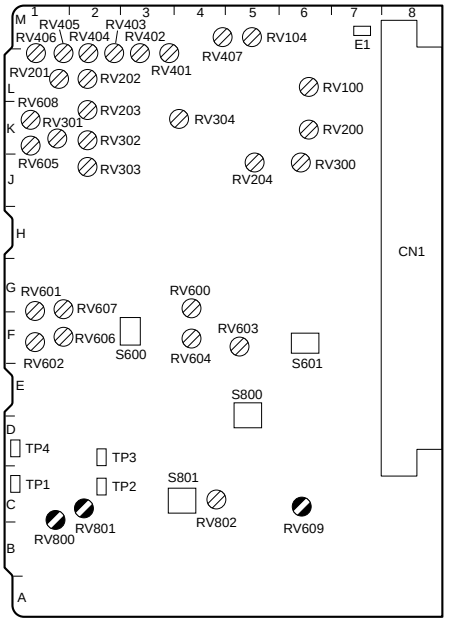
1. Adj. point: ◓RV609 (SC-H) /EN-141 board
   Specification: Coincide the beam spot of burst (SC) with the direction of the beam spot of H.

[NTSC]



[PAL]





EN-141 BOARD (A SIDE)

3-3-16. MONITOR Gain Adjustment

Equipment: Waveform monitor
Test point: TEST OUT connector/side panel

Preparations

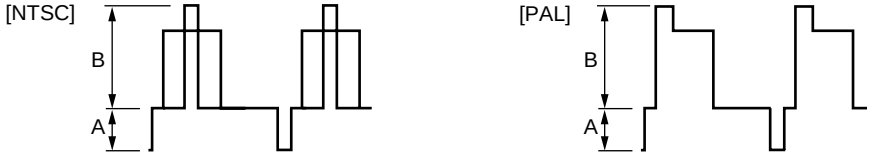
- Extend the EN-141 board with the extension board (EX-762 board assemby or EX-464.)
- Connect the waveform monitor to the TEST OUT connector/side panel.
- Disconnect the triax cable or optical fiber cable from CCU.
- Supply power from the AC adaptor (AC-550/550CE).
- OUTPUT switch/ side panel → BARS

Adjustment procedures

1. Select G signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position. (You can check which signal is selected on the viewfinder screen.)

2. Adj. point: ⊘RV801 (RGB SYNC) /EN-141 board
   Specification: A = 40 ± 1 IRE [NTSC]
   A = 300 ± 5 mV [PAL]

3. Adj. point: ⊘RV800 (RGB LEV) /EN-141 board
   Specification: B = 100 ± 1 IRE [NTSC]
   B = 700 ± 5 mV [PAL]



Setting after adjustment

- Connect the CCU with a triax cable or optical fiber cable.
- Power off and return EN-141 board to its normal position.

3-4. AD, DA System Adjustment

Note

Adjustments of the EN-141 board and the CCD unit should be completed.

3-4-1. Check of DA Gain Adjustment

Equipment: Video analyzer
Test point: TEST OUT connector/side panel

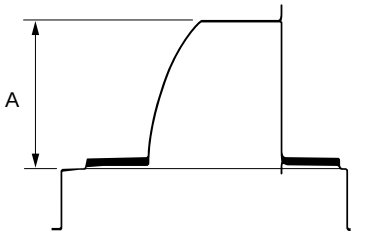
Preparations

- Remove the PR-249 board. (Refer to Section 1-5-7.)
- TEST 1 button/MSU-700A → ON
- WHITE CLIP OFF/MSU-700A (PAINT menu) → OFF (lit)
- MASTER GAIN/MSU-700A → +18 dB

Adjustment procedures

1. Select R signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position. (You can check which signal is selected on the viewfinder screen.)

2. Adj. point: ⊘RV1 (R GAIN) /PR-248 board
   Specification: A = 109.5 ±0.5 IRE [NTSC]
   A = 766 ±3 mV [PAL]



3. Select G signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

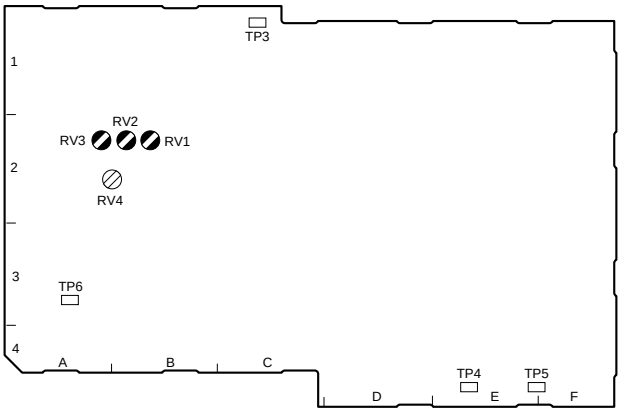
4. Adj. point: ⊘RV2 (G GAIN) /PR-248 board
   Specification: A = 109.5 ±0.5 IRE [NTSC]
   A = 766 ±3 mV [PAL]

5. Select B signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

6. Adj. point: ⊘RV3 (B GAIN) /PR-248 board
   Specification: A = 109.5 ±0.5 IRE [NTSC]
   A = 766 ±3 mV [PAL]

Setting after adjustment

Installation the PR-249 board. (Refer to Section 1-5-7.)



PR-248 BOARD (A SIDE)

3-4-2. AD Gain Adjustment

Equipment: Video analyzer
Test point: TEST OUT connector/side panel

Note

Before adjustment, make sure that the “3-4-1. DA Gain Adjustment” is completed.

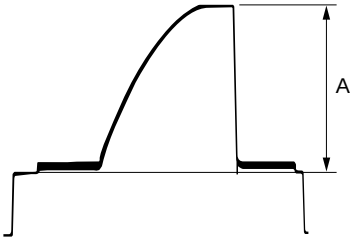
Preparations

- Extend the VA-200 and MEM-98 boards with the extension boards (EX-762 board assembly and EX-819) respectively. (Refer to Section 1-13.)
- TEST 1 button/MSU-700A → ON
- WHITE CLIP OFF/MSU-700A (PAINT menu) → OFF (lit)
- KNEE OFF button/MSU-700A → OFF (lit)
- MASTER GAIN/MSU-700A → 0 dB
- Preset the compensation data (refer to section 3-1-4)

Adjustment procedures

1. Select R signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position. (You can check which signal is selected on the viewfinder screen.)

2. Adj. point: ⊘RV1 (R GAIN) /VA-200 board
   Specification: A = 100.0 ± 0.5 IRE [NTSC]
   A = 700 ± 3 mV [PAL]

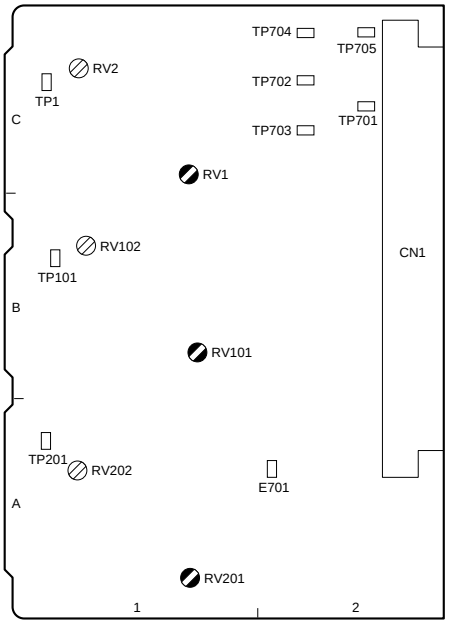


3. Select G signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

4. Adj. point: ⊘RV101 (G GAIN) /VA-200 board
   Specification: A = 100.0 ± 0.5 IRE [NTSC]
   A = 700 ± 3 mV [PAL]

5. Select B signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

6. Adj. point: ⊘RV201 (B GAIN) /VA-200 board
   Specification: A = 100.0 ± 0.5 IRE [NTSC]
   A = 700 ± 3 mV [PAL]



VA-200 BOARD (A SIDE)

3-4-3. V Modulation Balance Adjustment

Equipment: Waveform monitor (×5 range)
Test point: TEST OUT connector/side panel

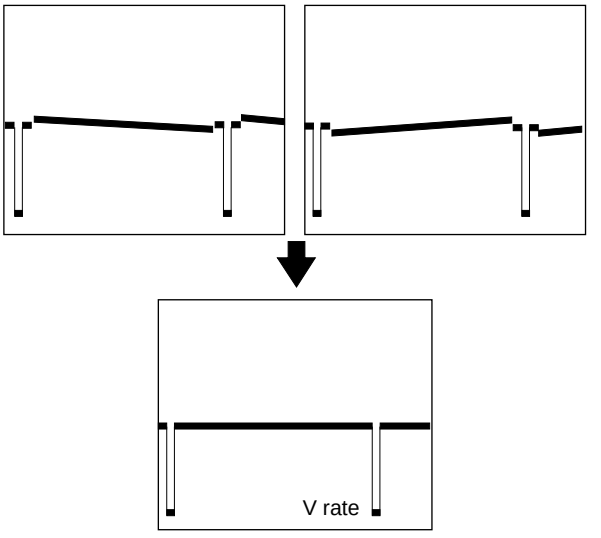
Preparations

- Extend the VA-200 and MEM-98 boards with the extension boards (EX-762 board assembly and EX-819) respectively. (Refer to Section 1-13.)
- CLOSE button/MSU-700A → ON
- V MOD SAW/MSU-700A (PAINT menu) → ON
  V MOD adjustment control (R) /MSU-700A → +99
  V MOD adjustment control (G) /MSU-700A → +99
  V MOD adjustment control (B) /MSU-700A → +99
  V MOD adjustment control (MASTER) /MSU-700A → 0

Adjustment procedures

1. Select R signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position. (You can check which signal is selected on the viewfinder screen.)

2. Adj. point: ⊘RV2 (R MOD BAL) /VA-200 board
   Specification: Adjust that the waveform does not change even if V MOD SAW switch/MSU-700A (PAINT menu) is turned to OFF or ON.
   For reference: 3 mV (0.5 IRE) or less



3. Select G signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

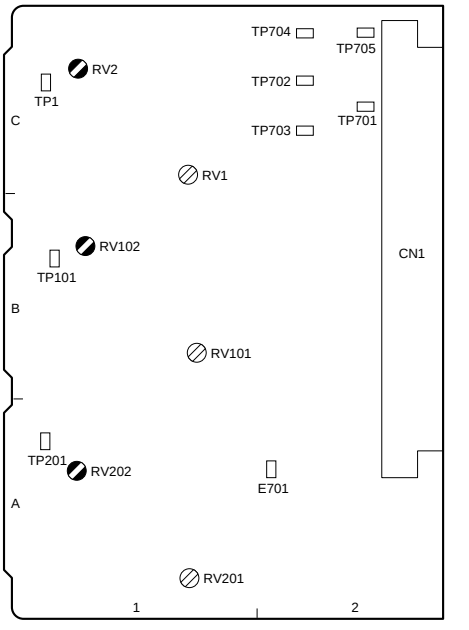
4. Adj. point: ⊘RV102 (G MOD BAL) /VA-200 board
   Specification: Adjust that the waveform does not change even if V MOD SAW switch/MSU-700A (PAINT menu) is turned to OFF or ON.
   For reference: 3 mV (0.5 IRE) or less

5. Select B signal by pushing down the TEST OUT switch (side panel) from the RGB position towards the SEL position.

6. Adj. point: ⊘RV202 (B MOD BAL) /VA-200 board
   Specification: Adjust that the waveform does not change even if V MOD SAW switch/MSU-700A (PAINT menu) is turned to OFF or ON.
   For reference: 3 mV (0.5 IRE) or less

Settings after adjustment

- CLOSE button/MSU-700A → OFF
- V MOD SAW/MSU-700A (PAINT menu) → OFF
- V MOD adjustment control (R)/MSU-700A → 0
- V MOD adjustment control (G)/MSU-700A → 0
- V MOD adjustment control (B)/MSU-700A → 0



VA-200 BOARD (A SIDE)

3-4-4. AD PHASE Adjustment

Equipment: Waveform monitor
Test point: TEST OUT connector/side panel

Note

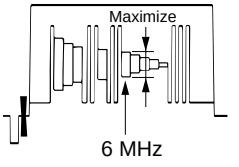
For details on Maintenance Menu, refer to Section 2.

Preparations

- Shoot a multi-burst chart.
- S3-4/AT-128 board → ON

Adjustment procedures

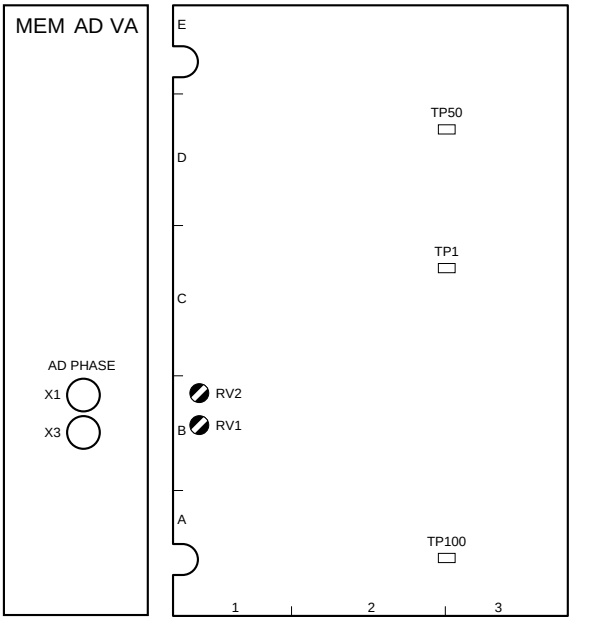
1. Set the Maintenance Menu as follows:
   Maintenance Menu → System Setup → Field Rate → 180 (for BVP-9500WS)
   → 150 (for BVP-9500WSP)
   Adj. point: ⊘RV1 (×3 OHB PHASE) /AD-157 board panel
   Specification: Maximize the level at 6 MHz portion of multi-burst chart



2. Set the Maintenance Menu as follows:
   Maintenance Menu → System Setup → Field Rate → 60 (for BVP-9500WS)
   → 50 (for BVP-9500WSP)
   Adj. point: ⊘RV2 (×1 OHB PHASE) /AD-157 board panel
   Specification: Maximize the level at 6 MHz portion of multi-burst chart

Setting after adjustment

S3-4/AT-128 board → OFF



AD-157 BOARD (A SIDE)

3-5. Filter Positioning Adjustment

Notes

- This adjustment is required only when replacing the servo driver board in the filter disk unit.
- The filter disk unit has adjustment controls inside . To adjust them, the filter disk unit should be removed from the CCD unit. After adjusting each control, reinstall to check filter positioning by viewing from the lens mount.
  Repeat the actions shown above until all filters are correctly positioned.

Preparation

MOTOR switch/servo driver board → ON

Adjustment Procedures

1. ND 1 button (MSU-700A) → ON

2. Adjust ⊘RV1 (VR1) on the servo driver board so that the ND 1 (clear) filter stops at a click position (on the optical axis of the lens) when viewed from the lens mount.

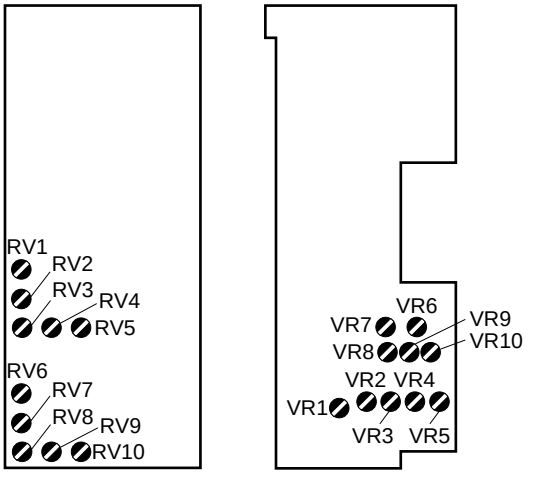
3. Adjust ⊘RV6 (VR6) so that the CC 1 (cross) filter is aligned with the ND 1 filter when viewed from the lens mount. After that, align positioning for the CC 2 to CC5 filters in the same manner.

4. CC 1 button(MSU-700A) → ON

5. Adjust ⊘RV2 (VR2) so that the ND 2 filter is aligned with the CC 1 filter when viewed from the lens mount. After that, align positioning for the ND3 to ND5 filters in the same manner.

6. Install the filter disk unit in the CCD unit. Check that all filters are correctly positioned while pressing the ND and CC buttons on the MSU-700A one by one.

Filter	Adj. points	(A)	(B)
ND 1 (clear)		⊘RV1	⊘VR1
ND 2 (1/4 ND)		⊘RV2	⊘VR2
ND 3 (1/8 ND)		⊘RV3	⊘VR3
ND 4 (1/16 ND)		⊘RV4	⊘VR4
ND 5 (1/64 ND)		⊘RV5	⊘VR5
CC 1 (cross)		⊘RV6	⊘VR6
CC 2 (clear)		⊘RV7	⊘VR7
CC 3 (4300 K)		⊘RV8	⊘VR8
CC 4 (5600 K)		⊘RV9	⊘VR9
CC 5 (8000 K)		⊘RV10	⊘VR10



Servo driver board (A) Servo driver board (B)

∗ Servo driver boards (A) and (B) are compatible.

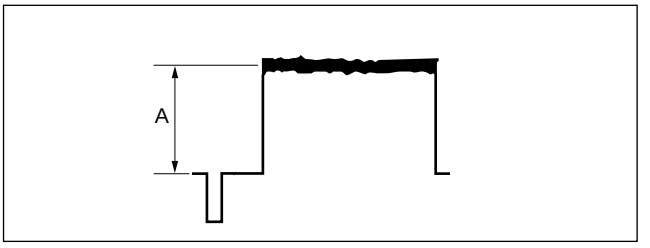
3-6. Adjustment After Replacement of ND Filter

When any of the ND filters is replaced, the correction of white balance is required. Proceed as follows.

Equipment: Waveform monitor
Test point: TEST OUT connector/side panel
Object: Full White Pattern

Preparations

- Connect the waveform monitor the TEST OUT connector.
- Shoot the fully occupied white area of the white pattern on the underscanned monitor frame.
- Setting for MSU-700A
  AUTO button (Iris control block) → ON (lit)
- Iris of the lens: A = 600 ±20 mV



Adjustment Procedures

1. STANDARD button/MSU-700A → ON (lit)
2. FILTER CTRL button/MSU-700A → ON (lit)
3. Select the ND 1 filter.
   ND 1 button/MSU-700A → ON (lit)
4. Adjust the white balance.
   WHITE button/MSU-700A → ON (lit)
5. After the white balance adjustment is complete, switch the filter from ND 1 to ND 2 and adjust the white balance for the ND 2 filter.
6. Switch the filter from ND2 to ND3 to ND4 to ND5, and adjust the white balance for each.

OHB File Store

1. MSU menu operation:
   - FILE button → ON (lit)
   - Touch panel operation
     OHB File → OHB Store → Store
2. When the store operation is complete, the message “OHB File Stored” is displayed.

Section 4
Spare Parts

4-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts list has the present standardized repair parts.

3. Stock of Parts

Parts marked with "o" at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

4. Harness

Harnesses with no part number are not registered as spare parts.
In need of repair, get components shown in the list and repair using them.

5. Destination Representation

The part indicated "For J/UC/CE" in the spare parts list is used in the unit written below.

For J: The part is used in a unit for Japan.
For UC: The part is used in a unit for the U.S.A. and Canada.
For CE: The part is used in a unit for regions except the above countries.

6. Note on replacing the DR-377 and TG-203 boards

If your unit is included in the list below, when replacing either of the DR-377 and TG-203 boards, replace another also at the same time.
BVP-9500WS: Serial No. 10001 through 10010
BVP-9500WSP: Serial No. 40001 through 40007

4−1. 補修部品注意事項

1. 安全重要部品

⚠警告

⚠印のついた部品は安全性を維持するために重要な部品です。したがって，交換する時は必ず指定の部品を使ってください。

2. 部品の共通化

ソニーから供給する補修用部品は，セットに使われているものと異なることがあります。
これは部品の共通化，改良等によるものです。
部品表には現時点での共通化された補修用部品が記載されています。

3. 部品の在庫

部品表のSP (Supply code) 欄に"o"で示される部品は在庫していないことがあり，納期が長くなることがあります。

4. ハーネス

部品番号の記載されていないハーネスは，サービス部品として登録されていません。
これらは，リストに展開されているコンポーネント部品で補修してください。

5. 仕向区分の表記

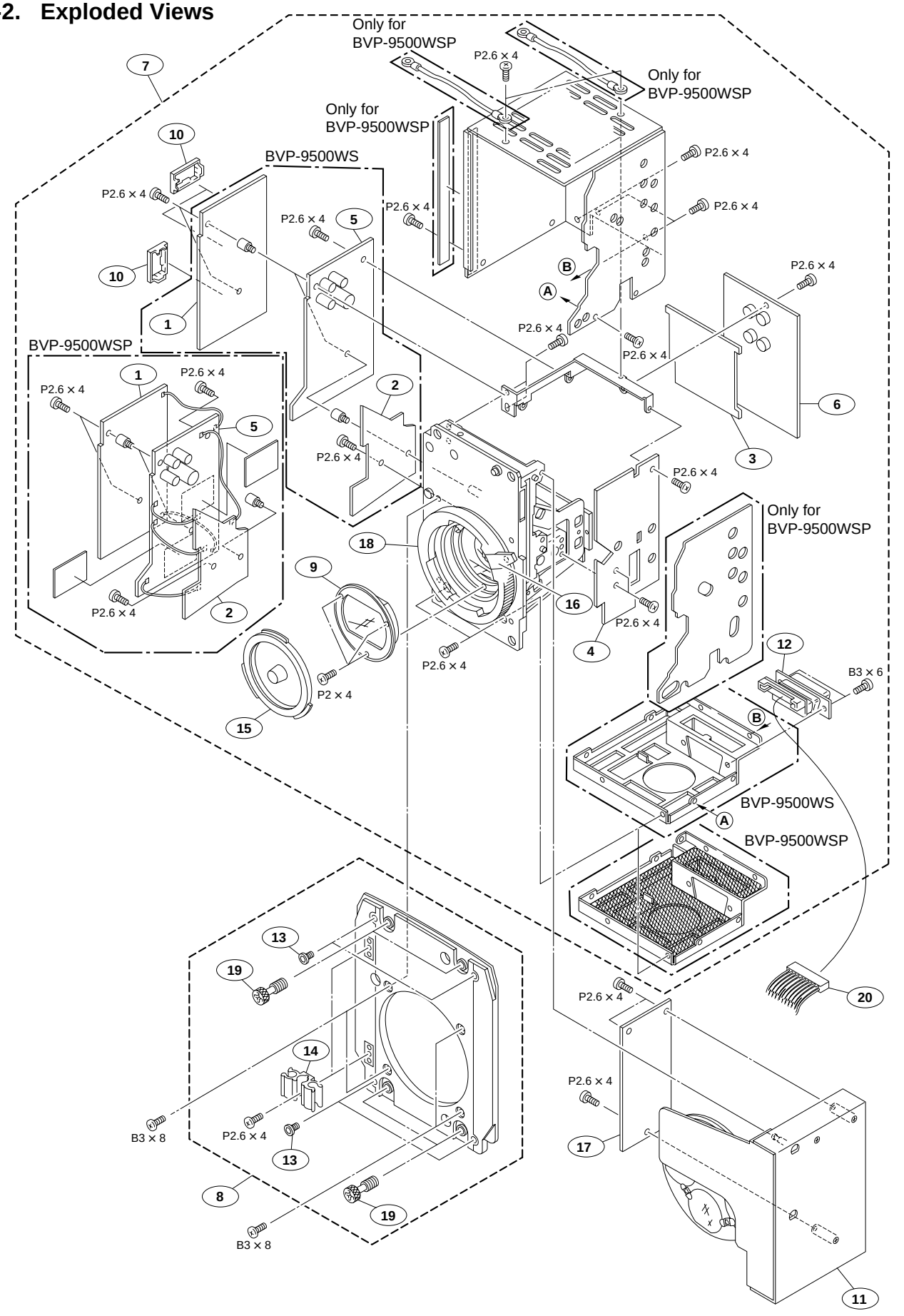
部品表中，下記表示のある部品は，その仕向で使用している部品です。

For J: 日本向けモデルに使用
For UC: USAおよびカナダ向けモデルに使用
For CE: 上記以外向けモデルに使用

6. DR−377基板およびTG−203基板交換時の注意

下記シリアルナンバのカメラでは，DR−377基板とTG−203基板をペアで交換する必要があります。
上記基板を交換する際は，注意してください。
対象シリアルナンバ：10001～ 10010 (BVP−9500WS)
40001～ 40007 (BVP−9500WSP)

4-2. Exploded Views


Only for BVP-9500WSP
P2.6 × 4
Only for BVP-9500WSP
Only for BVP-9500WSP
BVP-9500WS
P2.6 × 4
P2.6 × 4
P2.6 × 4

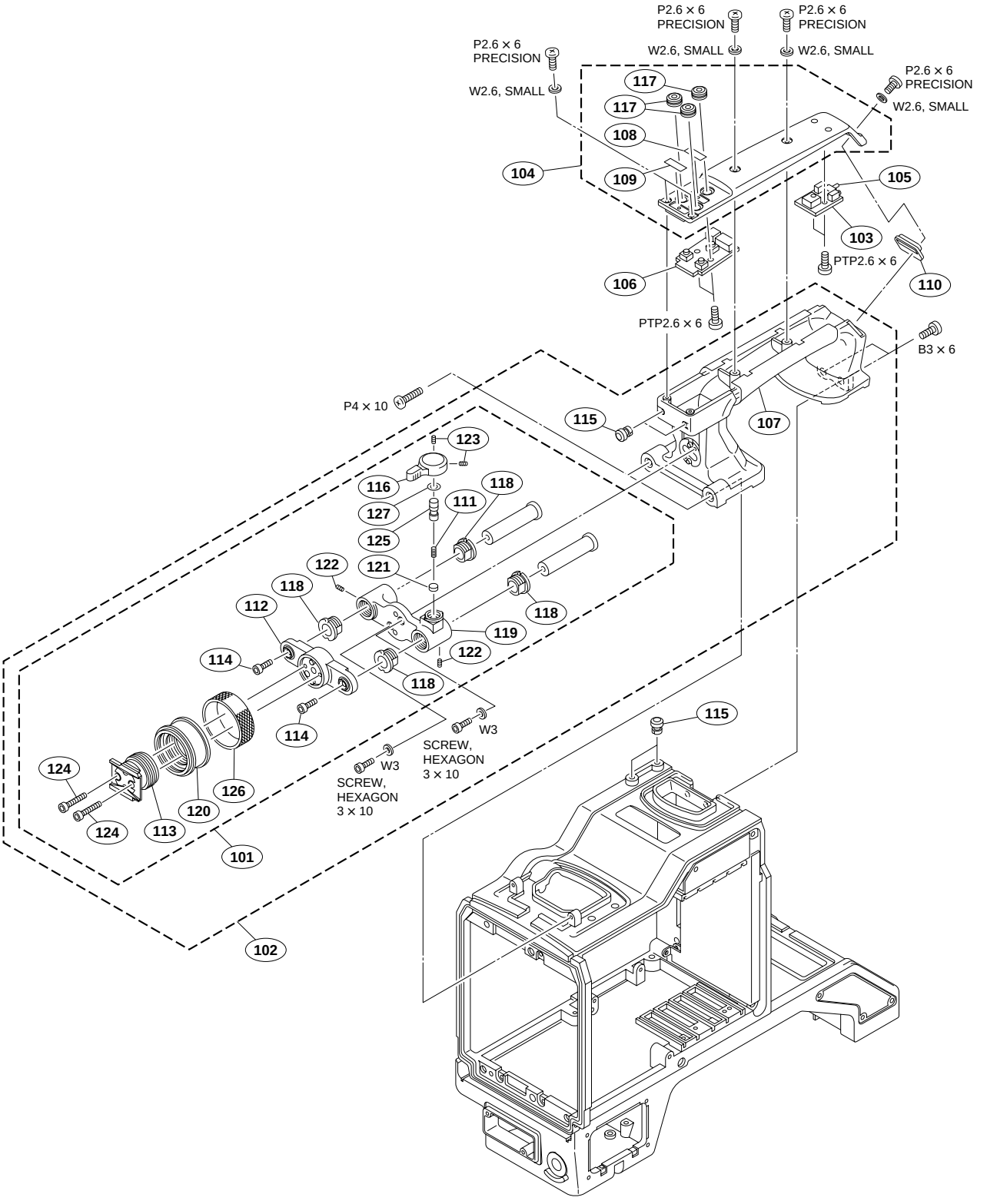
No.	Part No.	SP	Description
1	A-8317-779-A	o	MOUNTED CIRCUIT BOARD,TG-194
2	*1 A-8327-402-A	o	MOUNTED CIRCUIT BOARD,DR-377A
3	A-8325-950-A	o	MOUNTED CIRCUIT BOARD,NR-65
4	A-8325-951-A	o	MOUNTED CIRCUIT BOARD,SH-69
5	*1 A-8327-404-A	o	MOUNTED CIRCUIT BOARD,TG-203A
6	A-8325-953-A	o	MOUNTED CIRCUIT BOARD,VA-189
7	A-8327-354-A	s	OHB UNIT ASSY (for BVP-9500WS)
	A-8327-355-A	s	OHB UNIT ASSY (for BVP-9500WSP)
8	X-3168-024-3	o	PANEL ASSY, FRONT
9	1-475-772-11	o	FILTER UNIT, OPTICAL (for BVP-9500WS)
	1-475-774-11	o	FILTER UNIT, OPTICAL (for BVP-9500WSP)
10	1-540-194-12	s	SOCKET,IC
11	1-547-745-11	o	DISK UNIT, FILTER (TA931B-2)
12	1-678-348-11	o	PRINTED WIRING BOARD,CN-2095
13	3-673-018-11	s	SCREW, BLIND(PLA)
14	3-679-659-03	o	CLAMP,CABLE(PP)
15	3-699-048-01	s	CAP,MOUNT
16	3-708-912-01	o	LEVER, MOUNT
17	3-708-914-01	o	DRIVER, SERVO
18	3-709-220-01	s	TUBE, MOUNT
19	3-729-091-31	s	SCREW (M4X10)(STEEL)
20	1-960-933-11	o	HARNESS (OHB) (for BVP-9500WS)
	1-961-056-11	o	HARNESS (OHB) (for BVP-9500WSP)

Screws

	7-627-553-48	s	SCREW,PRECISION +P 2X4 (BLACK)
	7-627-556-37	s	SCREW,PRECISION +P2.6X4 (SILVER)
	7-627-556-38	s	SCREW,PRECISION +P2.6X4 (BLACK)
	7-682-547-04	s	SCREW +B3X6 (SILVER)
	7-682-548-04	s	SCREW +B3X8 (SILVER)

*1:Refer to Section 4-1 "Note on Repair Parts".

Top Panel Block

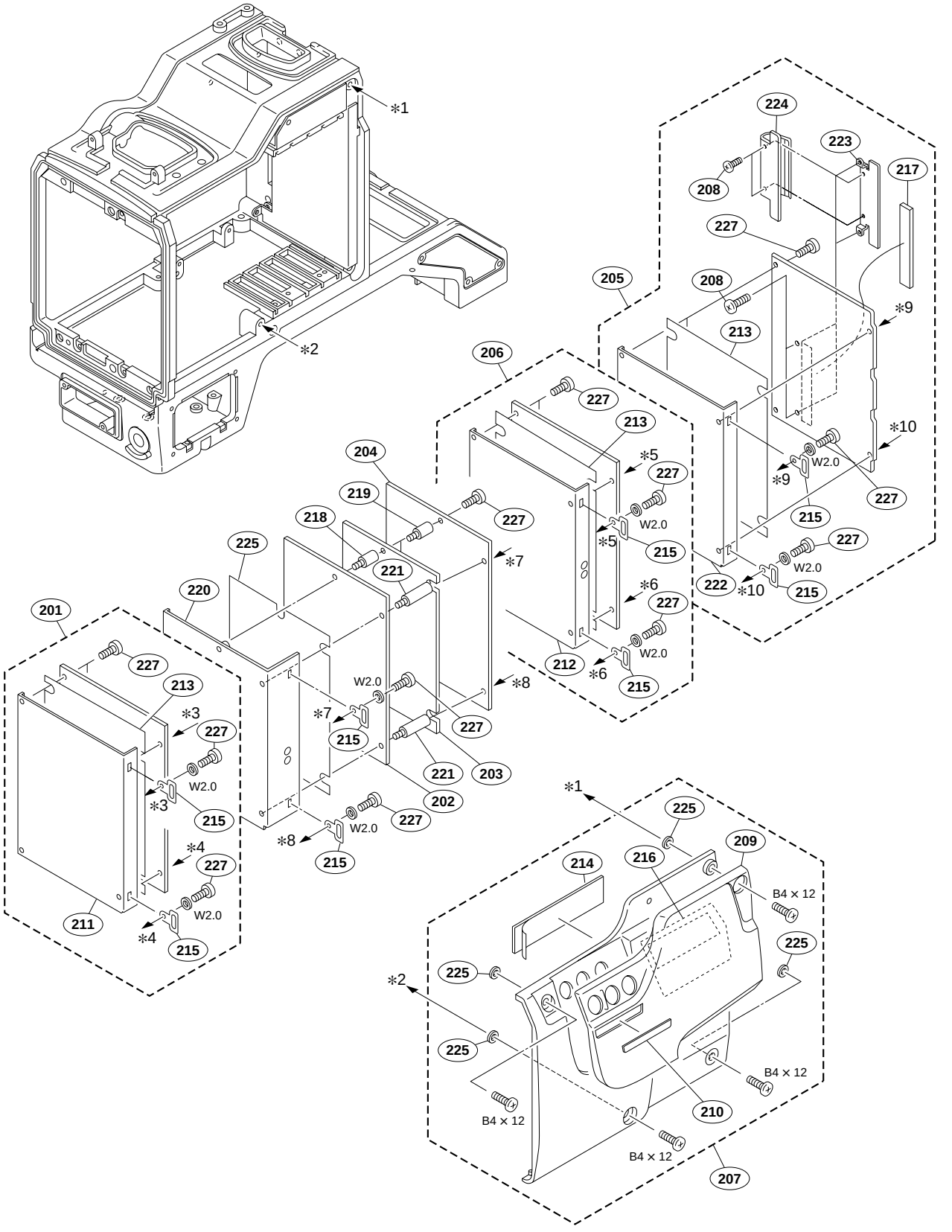


No.	Part No.	SP	Description	
101	A-8279-413-B	o	SIDE ASSY(LB),VF	
102	A-8278-779-C	o	HANDLE SUB ASSY	
103	A-8317-858-A	o	MOUNTED CIRCUIT BOARD, SW-937	
104	X-3604-506-4	o	COVER ASSY,HANDLE	
105	1-570-612-11	s	SWITCH,TOGGLE	
106	1-667-992-13	o	PRINTED WIRING BOARD, SW-936	
107	3-612-338-01	s	SHEET,HANDLE	
108	3-612-346-01	o	LABEL(INCOM)	
109	3-612-378-01	o	LABEL(RET1/2)	
110	3-612-379-01	o	COVER,TALLY	
111	3-612-822-01	s	SPRING,COMPRESSION	
112	3-617-745-01	o	FIXED TABEL(WS),VF SHOE	
113	3-627-853-01	s	SHOE,SLIDE	
114	3-657-705-91	s	bolt (M4X25),HEXAGON HOLE	
115	3-673-018-11	s	SCREW, BLIND	(PLA)
116	3-673-046-00	s	LEVER, LOCK	
117	3-676-244-00	s	COVER, SWITCH	
118	3-679-684-01	o	REST,ARM	
119	3-679-685-11	o	TABLE,FIXED,VF SLIDE	
120	3-679-698-01	o	RING(C),LOCK	(ABS)
121	3-679-702-01	o	CUSHION,STOPPER(SLIDE ASSY)	
122	3-701-505-00	s	SET-SCREW HEX 3X3 ST	
123	3-701-507-00	s	SET SCREW HEXAGON 3X5 ST	
124	3-711-765-01	s	BOLT(M3),HEXAGON SOCKET(STEEL)	
125	3-711-794-11	o	PIN, STOOPER	
126	3-720-919-01	o	RUBBER,LOCK RING	
127	3-895-622-01	s	RING (DIA. 5), O	(NBR)

Screws/Washers

7-623-208-22	s	SPRING WASHER (3MM)	
7-627-556-78	s	SCREW,PRECISION +P2.6X6	
7-682-162-09	s	SCREW +P4X10	
7-682-547-09	s	SCREW +B3X6	
7-683-404-04	s	BOLT,HEXAGON SOCKET 3X8	
7-683-405-04	s	BOLT,HEXAGON SOCKET3X10	
7-685-133-19	s	SCREW +PTP2.6X6	
7-688-002-02	s	WASHER (2.6)	
7-688-003-02	s	WASHER (3)	

Right Panel and Plug-in Boards

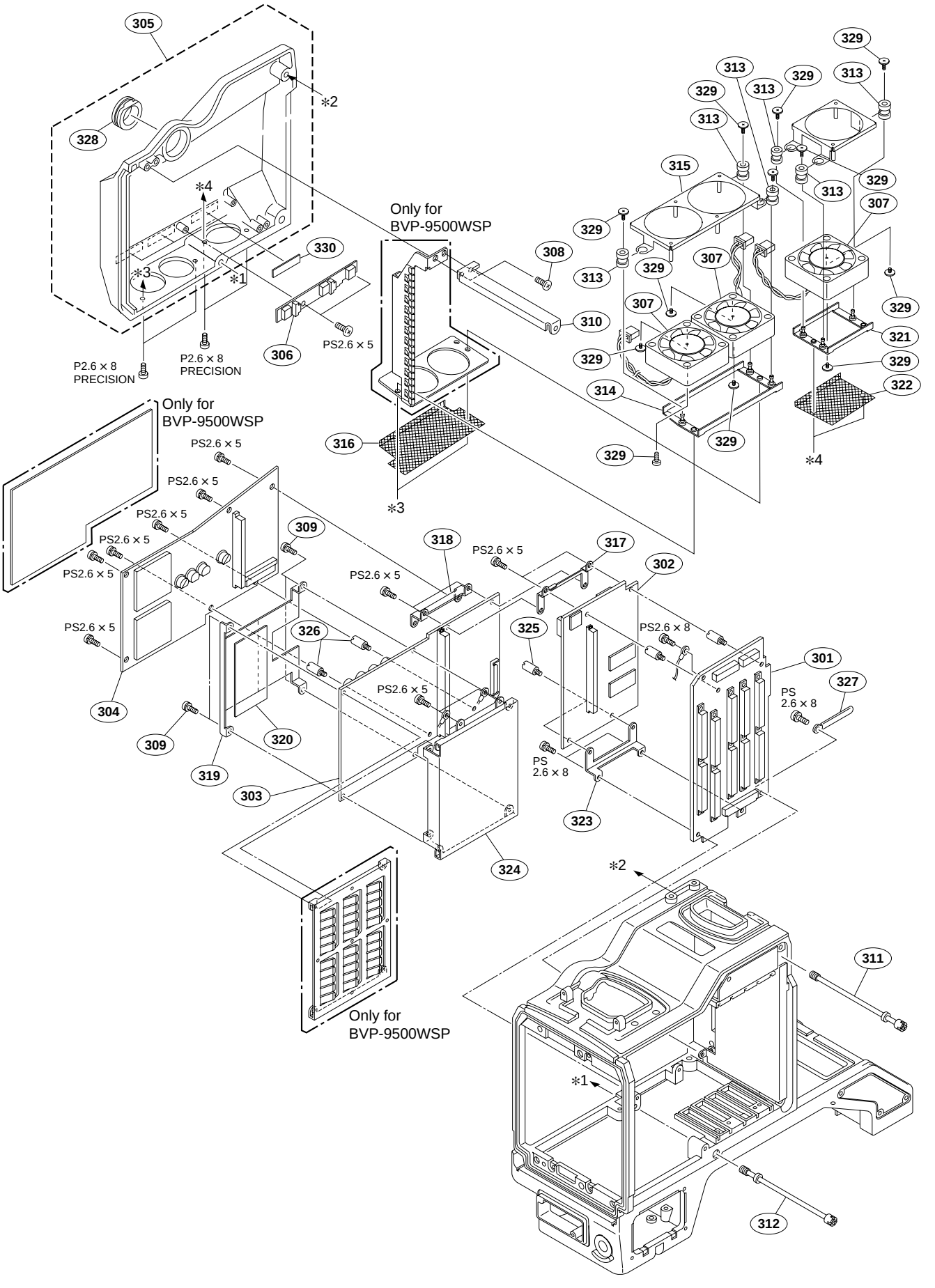


No.	Part No.	SP	Description
201	A-8325-956-A	o	MOUNTED CIRCUIT BOARD,AT-128
202	A-8325-957-A	o	MOUNTED CIRCUIT BOARD,MEM-98
203	A-8325-958-A	o	MOUNTED CIRCUIT BOARD,AD-157
204	A-8325-959-A	o	MOUNTED CIRCUIT BOARD,VA-200
205	A-8325-960-A	o	MOUNTED CIRCUIT BOARD,PS-553
206	A-8327-156-A	o	MOUNTED CIRCUIT BOARD,EN-141 (for BVP-9500WS:S/N 10001-)
	A-8327-202-A	o	MOUNTED CIRCUIT BOARD,EN-141A (for BVP-9500WS:S/N 30001-)
	A-8327-214-A	o	MOUNTED CIRCUIT BOARD,EN-141B (for BVP-9500WSP)
207	X-3604-503-5	o	PANEL ASSY,RIGHT
208	3-165-162-01	s	SCREW(+P2.6X5)(TYPE 1)(ST)
209	3-612-318-02	o	PAD,SIDE
210	3-612-322-01	o	SHEET, FILTER
211	3-612-326-12	o	PANEL(AT),PC BOARD
212	3-612-328-12	o	PANEL(EN), PC BOARD
213	3-612-329-01	o	SHEET,INSULATOR
214	3-612-332-01	o	RETAINER,PC BOARD
215	3-612-334-01	o	PULL LEVER
216	3-617-662-01	o	SHEET, HEAT INSULATING
217	3-629-588-01	o	RUBBER (PS2), RADIATION
218	3-629-602-01	s	SUPPORT(L6.2)
219	3-629-604-01	s	SUPPORT(L7)
220	3-629-605-01	o	PANEL(MEM/VA), PC BOARD
221	3-629-606-01	s	SUPPORT(L14.2)
222	3-629-607-01	o	PANEL(PS), PC BOARD
223	3-629-608-01	o	PLATE(PS2), HEAT RESISTING
224	3-629-609-01	o	SPRING(PS2), HEAT RESISTING
225	3-629-610-01	o	SHEET(MEM), INSULATOR
226	3-687-116-01	o	WASHER(4),STOPPER(PLA)
227	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)

Screw/Washer

	7-682-563-09	s	SCREW +B4X12
	7-688-001-12	s	WASHER W2, MIDDLE

Left Panel and Boards

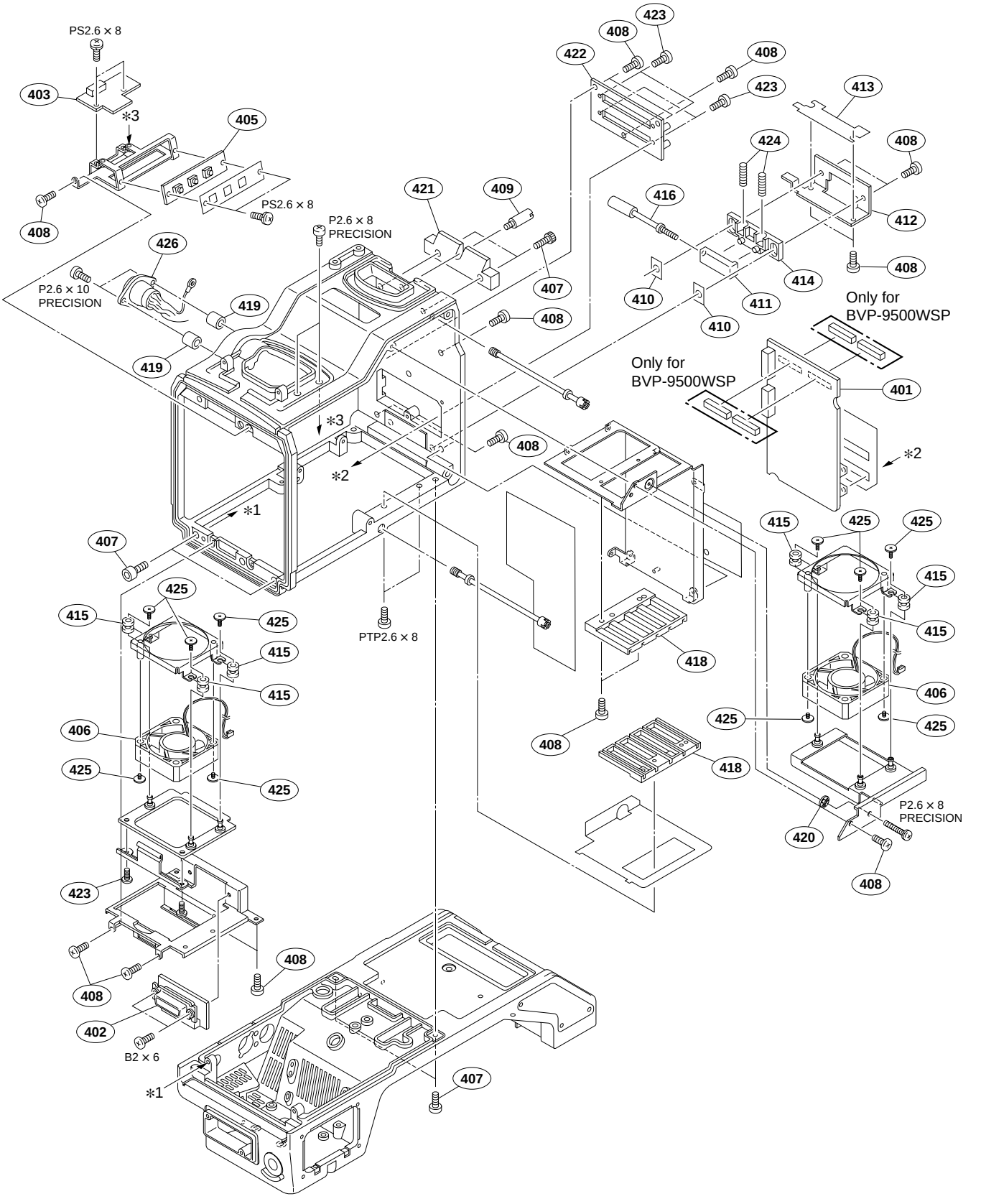


No.	Part No.	SP	Description
301	A-8325-955-A	o	MOUNTED CIRCUIT BOARD, MB-830
302	A-8325-961-A	o	MOUNTED CIRCUIT BOARD, DA-143
303	A-8325-962-A	o	MOUNTED CIRCUIT BOARD, PR-248
304	A-8325-963-A	o	MOUNTED CIRCUIT BOARD, PR-249
305	A-8327-172-A	o	PANEL ASSY, LEFT
306	1-677-789-11	o	PRINTED WIRING BOARD, CN-2045
307	1-698-236-31	s	FAN,MOTOR
308	2-623-773-11	s	BOLT (M3X8),STAINLESS
309	3-165-162-01	s	SCREW(+P2.6X5)(TYPE 1) (ST)
310	3-612-333-12	o	BLACKET,LEFT PANEL
311	3-612-376-11	o	SHAFT(UPPER),SIDE PLATE
312	3-612-377-11	o	SHAFT(LOWER),SIDE PLATE
313	3-617-812-01	o	VIBRATION PROOF,RUBBER
314	3-627-832-01	o	BRACKET(CHU1), FAN
315	3-627-833-01	o	HOLDER(CHU1), FAN
316	3-627-834-02	o	NET(CHU1), FAN
317	3-629-582-01	o	BRACKET (PR1)
318	3-629-583-01	o	BRACKET (PR2)
319	3-629-585-01	o	PLATE, HEAT RESISTING (PR)
320	3-629-592-01	o	RUBBER (PR), RADIATION
321	3-629-597-01	o	BRACKET(CHU2), FAN
322	3-629-598-01	o	NET(CHU2), FAN
323	3-629-600-01	o	BRACKET (DA)
324	3-629-601-02	o	GUARD, PR
325	3-629-602-01	s	SUPPORT(L6.2)
326	3-629-603-01	s	SUPPORT(L8)
327	3-701-822-00	s	HOLDER, WIRE
328	3-710-024-01	o	PACKING,VF
329	4-963-924-01	s	SCREW (DAMPER)
330	3-846-067-21	o	SPACER, C

Screws

	7-627-553-47	s	SCREW,PRECISION +P2X4
	7-627-556-98	s	SCREW,PRECISION +P 2.6X8 TYPE1
	7-628-254-00	s	SCREW +PS 2.6X5
	7-628-254-20	s	SCREW +PS 2.6X8

Chassis Block

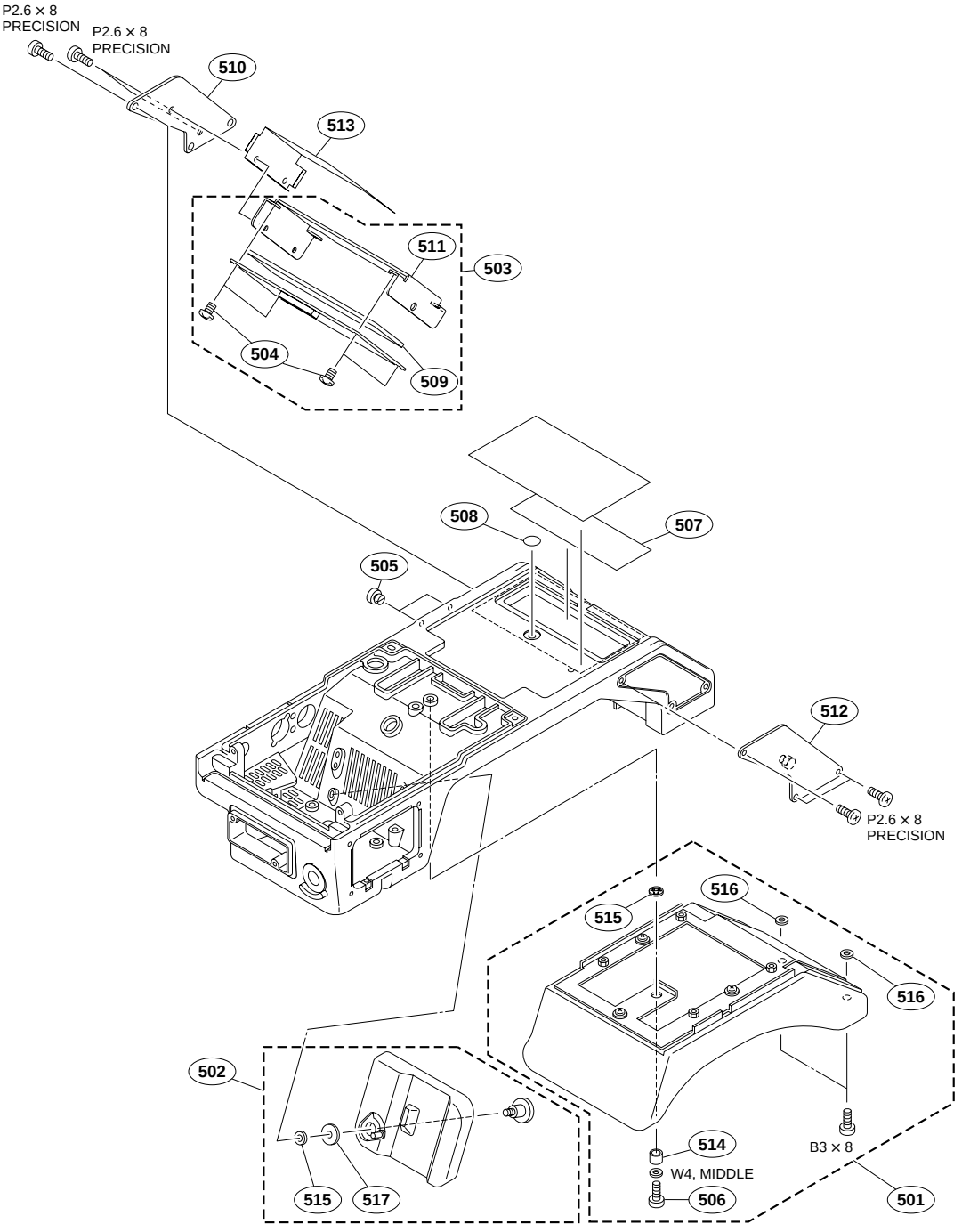


No.	Part No.	SP	Description
401	A-8325-965-A	o	MOUNTED CIRCUIT BOARD, CN-1787
402	A-8327-157-A	o	MOUNTED CIRCUIT BOARD, CN-1928
403	A-8327-158-A	o	MOUNTED CIRCUIT BOARD, CN-1929
404	1-565-051-21	o	CONNECTOR, ROUND (WITH C) 20P
405	1-677-793-11	o	PRINTED WIRING BOARD, SW-1011
406	1-698-236-31	s	FAN,MOTOR
407	2-623-773-11	s	BOLT (M3X8),STAINLESS
408	3-165-162-01	s	SCREW(+P2.6X5)(TYPE 1) (ST)
409	3-168-296-01	s	PIN, ID
410	3-604-691-01	o	SHEET, LUBRICATION (LOCK)
411	3-612-349-03	o	BLOCK,SLIDE
412	3-612-350-12	o	COVER(LOCK)
413	3-612-351-01	o	SHEET(LOCK) (PA-COMP+PSA)
414	3-612-382-02	o	SHOE
415	3-617-812-01	o	VIBRATION PROOF,RUBBER
416	3-629-584-01	o	SHAFT (LOCK)
417	3-629-595-01	o	SPRING, PLATE(FAN)
418	3-629-599-01	o	RAIL, PC BOARD
419	3-661-806-00	o	SPACER (DIA 2.6X4)
420	3-669-595-00	s	WASHER,2 (PLA)
421	3-692-113-12	o	WEDGE,HANGER
422	3-692-114-03	o	PLATE,CONNECTOR(136P)
423	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)(STEEL)
424	4-864-521-00	s	SPRING,COMPRESSION
425	4-963-924-01	s	SCREW (DAMPER)
426	1-958-342-11	o	HARNESS (VF) (for BVP-9500WS)
	1-961-057-11	o	HARNESS (VF) (for BVP-9500WSP)

Screws

	7-621-772-38	s	SCREW +B2X6
	7-627-556-98	s	SCREW,PRECISION +P 2.6X8 TYPE1
	7-627-557-47	s	SCREW,PRECISION +P 2.6X10 TYPE1
	7-628-254-20	s	SCREW +PS 2.6X8
	7-685-134-19	s	SCREW +PTP2.6X8

Shoulder Pad Block

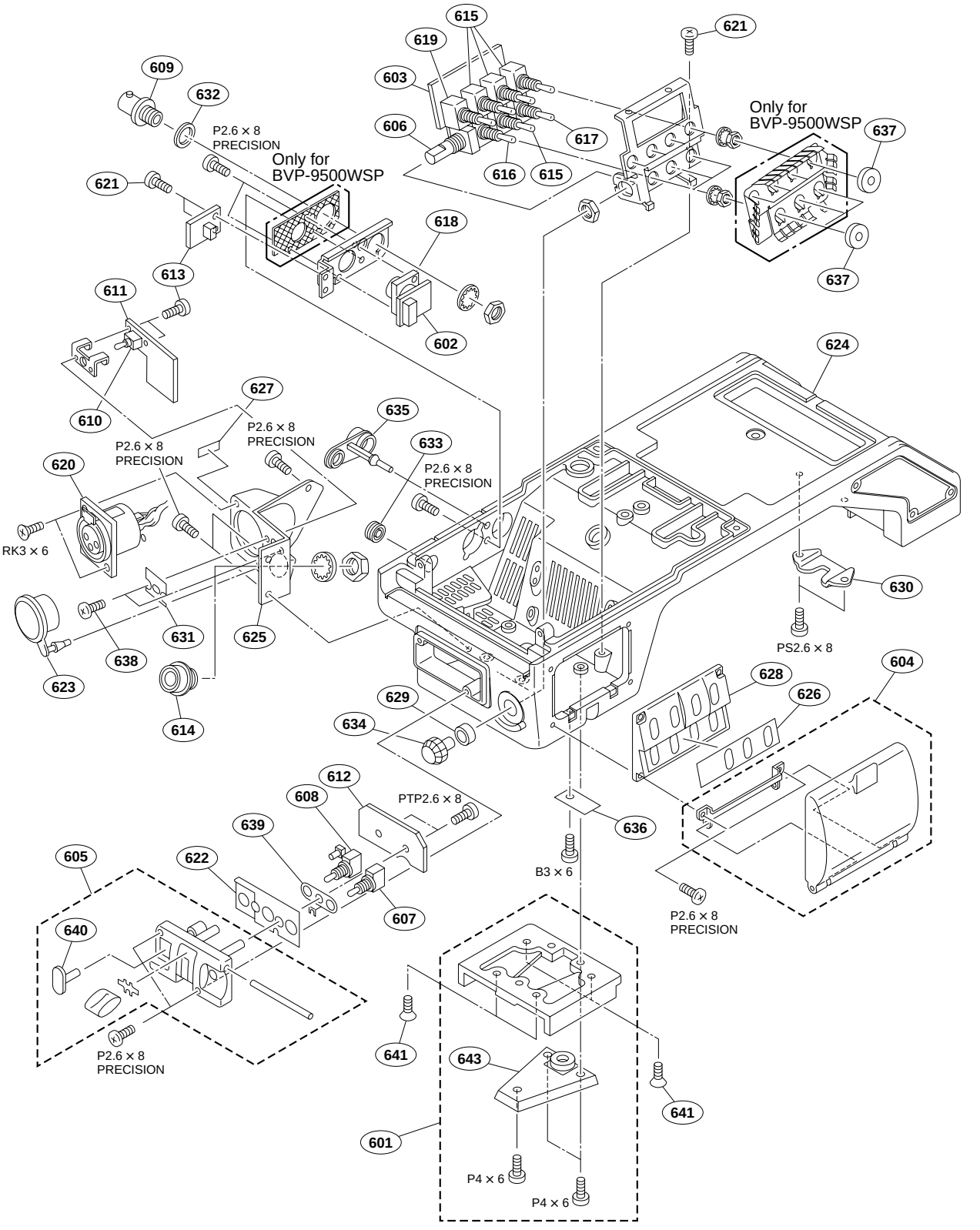


No.	Part No.	SP	Description
501	A-8278-777-B	s	PAD ASSY,SHOULDER
502	A-8278-778-A	s	PAD ASSY,BREAST (PUR)
503	A-8325-964-A	o	MOUNTED CIRCUIT BOARD, PS-554
504	3-165-162-01	s	SCREW(+P2.6X5)(TYPE 1) (ST)
505	3-545-657-11	s	BUSHING(BLACK) (PLA)
506	3-604-480-01	s	ALOCK +B4X12
507	3-612-343-01	o	PANEL(UPPER),BLANK
508	3-612-344-01	o	PANEL(DIA.8),BLANK
509	3-629-587-01	o	RUBBER (PS1), RADIATION
510	3-629-589-01	o	PANEL(PS)
511	3-629-590-01	o	PLATE(PS), HEAT RESISTING
512	3-629-591-01	o	RETAINER (PS)
513	3-629-596-01	o	SPRING(PS), HEAT RESISTING
514	3-659-365-00	s	SPACER,4-3
515	3-687-116-01	o	WASHER(4),STOPPER (PLA)
516	3-701-438-21	s	WASHER PLASTIC (2.6X0.5)
517	3-901-261-01	s	WASHER (ST)

Screws/Washer

	7-627-556-98	s	SCREW,PRECISION +P 2.6X8 TYPE1
	7-682-548-09	s	SCREW +B 3X8
	7-688-004-12	s	WASHER W4 (M)

Bottom Block



No.	Part No.	SP	Description
601	A-8279-486-B	o	SHOE (C) ASSY, V
602	A-8327-159-A	o	MOUNTED CIRCUIT BOARD, CN-1930
603	A-8327-160-A	o	MOUNTED CIRCUIT BOARD, SW-1008
604	X-3604-507-1	o	COVER ASSY,SW
605	X-3722-439-3	o	PLATE (B) ASSY, ORNAMENTAL
606	1-473-315-11	s	ENCODER,ROTARY(SWITCH)
607	1-554-395-00	s	SWITCH,TOGGLE
608	1-554-396-00	s	SWITCH,TOGGLE
609	1-562-261-21	s	CONNECTOR,COAXIAL (BNC)
610	1-570-988-11	s	SWITCH,TOGGLE
611	1-677-785-11	o	PRINTED WIRING BOARD, CN-1927
612	1-677-791-11	o	PRINTED WIRING BOARD, SW-1009
613	1-677-792-11	o	PRINTED WIRING BOARD, SW-1010
614	1-695-841-12	s	CONNECTOR (ROUND TYPE)(R-F)12P
615	1-762-241-11	s	SWITCH,TOGGLE
616	1-762-242-12	s	SWITCH,TOGGLE
617	1-762-491-11	s	SWITCH,TOGGLE
618	1-766-696-11	o	CONNECTOR,ROUND TYPE 8P
619	1-771-313-11	s	SWITCH,TOGGLE
620	1-784-538-12	s	CONNECTOR, XLR (RECEPTACLE) 3P
621	3-165-162-01	s	SCREW(+P2.6X5)(TYPE 1) (ST)
622	3-178-364-01	o	PLATE (FRONT), SHIELD, SW
623	3-605-338-03	s	CAP,CONNECTOR
624	3-612-307-13	o	CHASSIS,BASE
625	3-612-308-11	o	BOX,CONNECTOR
626	3-612-325-01	o	SHEET, MENU
627	3-612-341-01	o	LABEL(MIC1)
628	3-612-348-01	o	PANEL,SW
629	3-615-595-01	o	SPACER
630	3-626-781-02	o	STOPPER
631	3-629-620-01	o	LABEL(LENS)
632	3-654-545-00	s	SPACER,BNC
633	3-676-244-00	s	COVER, SWITCH
634	3-692-111-01	s	KNOB,RE
635	3-692-644-04	o	CAP,CONNECTOR
636	3-716-344-01	o	SPRING, LEAF (STEEL)
637	3-729-007-01	o	PLATE,ORNAMENTAL,TOGGLE SWITCH
638	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)(STEEL)
639	3-729-068-01	o	PLATE(FR),SHIELD
640	3-729-069-01	s	BUTTON, VTR START
641	3-729-072-01	s	SCREW +K4X8 (STEEL)
643	3-742-015-02	o	WEDGE (B), MOUNTING

Screws

	7-627-556-98	s	SCREW,PRECISION +P 2.6X8 TYPE1
	7-628-254-20	s	SCREW +PS 2.6X8
	7-682-160-09	s	SCREW +P4X6
	7-682-347-04	s	SCREW +RK 3X6
	7-682-547-09	s	SCREW +B3X6
	7-685-134-19	s	SCREW +PTP2.6X8

4-3. Electrical Parts List

AD-157 BOARD
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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-958-A	o	MOUNTED CIRCUIT BOARD, AD-157
C1	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C2	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C5	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C6	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C7	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C8	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C9	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C10	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C11	1-104-919-11	s	CAPACITOR,TANTALUM 10MF/25V
C12	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C13	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C14	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C50	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C51	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C52	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C53	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C54	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C55	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C56	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C57	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C58	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C59	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C60	1-104-919-11	s	CAPACITOR,TANTALUM 10MF/25V
C61	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C62	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C63	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C100	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C101	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C102	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C103	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C104	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C105	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C106	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C107	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C108	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C109	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C110	1-104-919-11	s	CAPACITOR,TANTALUM 10MF/25V
C111	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C112	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C113	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C147	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C148	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C149	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C150	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C151	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C153	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C154	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C155	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C156	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C157	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

(AD-157 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C158	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C159	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C160	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C161	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C162	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C163	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C164	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C165	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C166	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C167	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C168	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C169	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C170	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C171	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C172	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C173	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C175	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C176	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C177	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C179	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C180	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C181	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C183	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C184	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C185	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C200	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C204	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C205	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C206	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C207	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C208	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C209	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C210	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C212	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C213	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C214	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C215	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C216	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C217	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C250	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C251	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C252	1-135-210-11	s	CAPACITOR,TANTALUM 4.7MF/10V
C253	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C254	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C255	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C256	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C257	1-162-925-11	s	CAPACITOR,CERAMIC 68PF/50V CH
C258	1-162-925-11	s	CAPACITOR,CERAMIC 68PF/50V CH
C259	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C260	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C261	1-162-928-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C262	1-162-928-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C263	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C264	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C266	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C267	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C268	1-135-149-21	s	CAPACITOR TANTALUM 2.2MF/10V
C269	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

(AD-157 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C270 *b	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
*a	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C271	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C273	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
CN1	1-785-846-11	o	CONNECTOR, BOARD TO BOARD 40P
CN2	1-815-128-11	o	CONNECTOR, BOARD TO BOARD 60P
FL1	1-234-588-21	s	FILTER, LOW PASS
FL2	1-234-589-21	s	FILTER, LOW PASS
FL50	1-234-588-21	s	FILTER, LOW PASS
FL51	1-234-589-21	s	FILTER, LOW PASS
FL100	1-234-588-21	s	FILTER, LOW PASS
FL101	1-234-589-21	s	FILTER, LOW PASS
IC1	8-759-173-16	s	IC TL062CPW
IC2	8-759-054-61	s	IC CLC505AJE
IC3	8-759-054-61	s	IC CLC505AJE
IC4	8-759-564-49	s	IC TC7W53FU-TE12R
IC50	8-759-173-16	s	IC TL062CPW
IC51	8-759-054-61	s	IC CLC505AJE
IC52	8-759-054-61	s	IC CLC505AJE
IC53	8-759-564-49	s	IC TC7W53FU-TE12R
IC100	8-759-082-57	s	IC TC7W04FU
IC101	8-759-173-16	s	IC TL062CPW
IC102	8-759-054-61	s	IC CLC505AJE
IC103	8-759-054-61	s	IC CLC505AJE
IC104	8-759-564-49	s	IC TC7W53FU-TE12R
IC150	8-759-173-16	s	IC TL062CPW
IC153	8-759-672-83	s	IC ADS807E
IC154	8-759-672-83	s	IC ADS807E
IC155	8-759-672-83	s	IC ADS807E
IC156	8-759-496-96	s	IC SN74LVC00APW (E05)
IC201	8-759-496-96	s	IC SN74LVC00APW (E05)
IC204	8-759-389-48	s	IC 74LCX16374MTDX
IC205	8-759-389-48	s	IC 74LCX16374MTDX
IC206	8-759-389-48	s	IC 74LCX16374MTDX
IC250	8-759-496-96	s	IC SN74LVC00APW (E05)
IC252	8-759-472-35	s	IC 74VHC221AMTCX
IC261	8-759-260-55	s	IC TLC272CPW (E05)
IC262	8-759-069-36	s	IC MC74HC4046AF
IC264	8-759-662-40	s	IC 74VHCT74AMTCX
IC266	8-759-564-49	s	IC TC7W53FU-TE12R
JC152	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC153	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
JC154	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
JC155	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
JC260	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
L1	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L2	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L3	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L4	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L50	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L51	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L52	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L53	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L100	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L101	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L102	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L103	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)

(AD-157 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L150	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L151	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L152	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L153	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L200	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L250	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L251	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L252	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
Q1	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q2	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q3	8-729-024-56	s	TRANSISTOR 2SA1808
Q4	8-729-024-56	s	TRANSISTOR 2SA1808
Q5	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q6	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q50	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q51	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q52	8-729-024-56	s	TRANSISTOR 2SA1808
Q53	8-729-024-56	s	TRANSISTOR 2SA1808
Q54	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q100	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q101	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q102	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q103	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q104	8-729-024-56	s	TRANSISTOR 2SA1808
Q105	8-729-024-56	s	TRANSISTOR 2SA1808
Q107	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q150	8-729-101-07	s	TRANSISTOR 2SB798
Q250	8-729-026-32	s	TRANSISTOR XP6534-TX
Q251	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q252	8-729-026-32	s	TRANSISTOR XP6534-TX
Q253	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q254	8-729-026-32	s	TRANSISTOR XP6534-TX
R1	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R3	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R4	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R5	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R6	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R7	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R8	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R9	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R10	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R11	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R12	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R13	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R14	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R15	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R16	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R17	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R18	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R19	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R20	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R21	1-218-750-11	s	RESISTOR,CHIP 270K 1/16W(1608)
R22	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R23	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R24	1-216-838-11	s	RESISTOR CHIP 27K 1/16W(1608)
R31	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R37	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W

(AD-157 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R48	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R49	1-218-750-11	s	RESISTOR,CHIP 270K 1/16W(1608)
R50	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R51	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R52	1-218-747-11	s	RESISTOR,METAL 200K 1/16(1608)
R53	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R54	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R55	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R56	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R57	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R58	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R59	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R60	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R61	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R62	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R63	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R64	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R65	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R66	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R67	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R68	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R69	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R73	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R80	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R98	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R99	1-218-750-11	s	RESISTOR,CHIP 270K 1/16W(1608)
R100	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R101	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R102	1-218-747-11	s	RESISTOR,METAL 200K 1/16(1608)
R103	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R104	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R105	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R106	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R107	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R108	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R109	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R110	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R111	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R112	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R113	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R114	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R115	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R116	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R117	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R118	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R119	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R123	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R130	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R147	1-218-726-11	s	RESISTOR CHIP 27K 1/16W (1608)
R148	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R149	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R150	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R156	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R157	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R162	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R165	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R166	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R167	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R169	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)

(AD-157 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R171	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R173	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R174	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R175	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R176	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R177	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R178	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R179	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R180	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R181	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R182	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R183	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R184	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R185	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R200	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R201	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R202	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R203	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R204	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R205	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R206	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R207	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R208	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R209	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R210	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R211	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R212	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R213	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
R214	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
R215	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
R216	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
R217	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
R218	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
R219	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R220	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R221	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R222	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R223	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R224	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
R225	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
R226	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R249	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R250	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R251	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R252	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R253	1-218-695-11	s	RESISTOR,CHIP 1.3K 1/16W(1608)
R254	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R255	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R256	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R257	1-218-731-11	s	RESISTOR,METAL 43K 1/16
R258	1-218-695-11	s	RESISTOR,CHIP 1.3K 1/16W(1608)
R259	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R260	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R261	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R262	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R263	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R264	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R265	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R266	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)

(AD-157 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R268	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R271	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R275	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R277	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R278	1-218-727-11	s	RESISTOR,CHIP 30K 1/16W(1608)
R279	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R280	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R281	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R283	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R287	1-249-409-11	s	RESISTOR,CARBON 220 1/4W SMALL
RB150	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB151	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB152	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB153	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB154	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB155	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB156	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB157	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB158	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB200	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB201	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB202	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB203	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB204	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB205	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB206	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB207	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB208	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB209	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB210	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB211	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RV1	1-241-261-41	s	RESISTOR, ADJ, CERMET 1K
RV2	1-241-261-41	s	RESISTOR, ADJ, CERMET 1K

AT-128 BOARD
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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-956-A	o	MOUNTED CIRCUIT BOARD, AT-128
1pc	3-612-326-12	o	PANEL(AT),PC BOARD
1pc	3-612-329-01	o	SHEET,INSULATOR
2pcs	3-612-334-01	o	PULL LEVER
7pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)(STEEL)
2pcs	7-688-001-12	s	WASHER W2, MIDDLE
C1	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C2	1-104-478-11	s	CAPACITOR TANTALUM 10MF/35V
C3	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C4	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C5	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C6	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C7	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C8	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C9	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C10	1-104-919-11	s	CAPACITOR,TANTALUM 10MF/25V
C11	1-113-986-11	s	CAPACITOR,TANTALUM 2.2MF/25V
C12	1-104-914-11	s	CAPACITOR,TANTALUM 22MF/16V
C13	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C14	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C15	1-104-914-11	s	CAPACITOR,TANTALUM 22MF/16V
C16	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C17	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C18	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C19	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C20	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C21	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C22	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C23	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C24	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C25	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C26	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C27	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C28	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C29	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C30	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C31	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C32	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C33	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C34	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C35	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C36	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C37	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C38	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C39	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C40	1-115-581-11	s	CAPACITOR CHIP ELECT 100MF/16V
C41	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C42	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C43	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C44	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C45	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C46	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C47	1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH

(AT-128 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C48	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C49	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C50	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C51	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C52	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C53	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C55	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C56	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C57	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C58	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C59	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C60	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C61	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C62	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C63	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C65	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C67	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C68	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C69	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C70	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C71	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C72	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C73	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C74	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C75	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C76	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C77	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C78	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C79	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C81	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C83	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C84	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C85	1-104-823-11	s	CAPACITOR,TANTALUM 47MF/16V
C87	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C88	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C92	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C94	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C95	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C96	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C97	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C98	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C99	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C100	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C101	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C102	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C103	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C104 *b	1-113-994-11	s	CAPACITOR TANTALUM 6.8MF/16V
*a	1-104-912-11	s	CAPACITOR TANTALUM 3.3MF/16V
C105	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C107	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C108	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C109	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C110	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C111	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C112	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C113	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C114	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C115	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH

(AT-128 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C116	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C117	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C118	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C119	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C120	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C121	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C122	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C123	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C124	1-115-581-11	s	CAPACITOR CHIP ELECT 100MF/16V
C125	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C126	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C127	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C128	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C129	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C130	1-126-398-11	s	CAPACITOR ELECT 4.7MF/35V(CHIP
C131	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
D1	8-719-041-68	s	DIODE RD3.3UH(1)-T1
D2	8-719-041-68	s	DIODE RD3.3UH(1)-T1
D4	8-719-041-68	s	DIODE RD3.3UH(1)-T1
D5	8-719-059-59	s	DIODE MA3J74200LSO
D6	8-719-404-35	s	DIODE MA141WK
D7	8-719-404-35	s	DIODE MA141WK
D8	8-719-059-59	s	DIODE MA3J74200LSO
D9	8-719-059-59	s	DIODE MA3J74200LSO
D10	8-719-059-59	s	DIODE MA3J74200LSO
D11	8-719-059-59	s	DIODE MA3J74200LSO
D12	8-719-059-59	s	DIODE MA3J74200LSO
D13	8-719-059-59	s	DIODE MA3J74200LSO
D14	8-719-059-59	s	DIODE MA3J74200LSO
D15	8-719-059-59	s	DIODE MA3J74200LSO
D16	8-719-059-59	s	DIODE MA3J74200LSO
D17	8-719-059-59	s	DIODE MA3J74200LSO
D18	8-719-404-35	s	DIODE MA141WK
D19	8-719-404-35	s	DIODE MA141WK
D20	8-719-404-35	s	DIODE MA141WK
D21	8-719-404-35	s	DIODE MA141WK
D22	8-719-404-35	s	DIODE MA141WK
D23	8-719-404-35	s	DIODE MA141WK
D24	8-719-404-35	s	DIODE MA141WK
IC1 *b	8-759-669-53	s	IC TLC274CPWR-12
*a	8-759-082-53	s	IC TLC274CPW
IC2	8-759-173-16	s	IC TL062CPW
IC3	8-759-076-06	s	IC TL064CPW
IC4	8-759-076-06	s	IC TL064CPW
IC5	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC6	8-759-487-51	s	IC HN58C257AT10
IC7	8-759-399-56	s	IC STK12C68-S45
IC10	8-759-533-95	s	IC UPD6466GS-515
IC11	8-759-389-33	s	IC 74LCX244MTCX
IC12	8-759-082-55	s	IC TC7W00FU
IC13	8-759-585-28	s	IC CY62256VLL-70ZC-T2
IC14	8-759-585-28	s	IC CY62256VLL-70ZC-T2
IC15	8-759-472-31	s	IC 74VHC163MTCX
IC16	8-759-472-31	s	IC 74VHC163MTCX
IC18	8-759-182-95	s	IC HD151015T
IC19	8-759-182-95	s	IC HD151015T
IC20	8-759-996-82	s	IC MSM82C55A-2GS
IC21	8-759-487-32	s	IC HD6417032VF12

(AT-128 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC22	8-759-996-82	s	IC MSM82C55A-2GS
IC23	8-759-491-48	s	IC TC74VHCT138AFT(EL)
IC24	8-759-389-25	s	IC 74LCX02MTCX
IC25	8-759-429-23	s	IC TL16C550CPT
IC26	8-759-594-17	o	IC CXD9093R
IC27	8-759-058-54	s	IC TC7S00FU-TE85R
IC28	8-759-663-15	s	IC 74VHCT244AMTCX
IC29	8-759-429-23	s	IC TL16C550CPT
IC31	8-759-083-94	s	IC TC7W74FU
IC32	8-759-285-09	s	IC CXD8892Q
IC33	8-759-092-81	s	IC SN75158PS
IC34	8-759-472-24	s	IC 74VHC157MTCX
IC37	8-759-471-89	s	IC 74VHC02MTCX
IC38	8-759-389-33	s	IC 74LCX244MTCX
IC39	8-759-252-59	s	IC MAX202CSE
IC40	8-759-064-36	s	IC MB88346BPFV
IC41	8-759-369-92	s	IC M51958AFP (600D)
IC42	8-759-185-42	s	IC LM4040AIM3-2.5
IC50	8-759-399-56	s	IC STK12C68-S45
IC51	8-759-082-59	s	IC TC7W32FU
IC52	8-759-058-54	s	IC TC7S00FU-TE85R
IC53	8-759-058-54	s	IC TC7S00FU-TE85R
IS8	1-540-151-21	s	SOCKET, IC
IS9	1-540-151-21	s	SOCKET, IC
L1	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L2	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L3	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L4	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L5	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L6	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L7	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L8	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L9	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L10	1-410-388-31	s	INDUCTOR,CHIP 39UH
L11	1-412-032-11	s	INDUCTOR CHIP 100UH (3225)
L12	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L13	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L14	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L15	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L16	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L17	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L18	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L19	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L20	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L21	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L22	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L23	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L24	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L25	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L26	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L27	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
L28	1-410-988-11	s	CHIP INDUCTOR 0.39UH (2012)
PH1	8-749-014-35	s	IC HCPL-0630-500
Q1	8-729-101-07	s	TRANSISTOR 2SB798
Q2	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q3	8-729-101-07	s	TRANSISTOR 2SB798
Q5	8-729-924-39	s	TRANSISTOR DTC143XU

(AT-128 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q6	8-729-920-48	s	TRANSISTOR IMH2
Q7	8-729-920-48	s	TRANSISTOR IMH2
Q8	8-729-920-48	s	TRANSISTOR IMH2
Q9	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q10	8-729-402-19	s	TRANSISTOR XN6501
Q11	8-729-920-48	s	TRANSISTOR IMH2
R1	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R3	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R4	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R5	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R6	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R7	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R8	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R9	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R10	1-218-737-11	s	RESISTOR,CHIP 75K 1/16W
R11	1-218-726-11	s	RESISTOR CHIP 27K 1/16W (1608)
R12	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R13	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R14	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R15	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R16	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R17	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R18	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R19	1-218-736-11	s	RESISTOR,CHIP 68K 1/16W(1608)
R20	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R21	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R22	1-218-736-11	s	RESISTOR,CHIP 68K 1/16W(1608)
R23	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R24	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R25	1-218-736-11	s	RESISTOR,CHIP 68K 1/16W(1608)
R26	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R27	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R28	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R29	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R30	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R31	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R32	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R33	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R34	1-218-746-11	s	RESISTOR,CHIP 180K 1/16W
R35	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R36	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R37	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R38	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R39	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R40	1-218-746-11	s	RESISTOR,CHIP 180K 1/16W
R41	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R42	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R43	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R44	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R45	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R46	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R47	1-218-690-11	s	RESISTOR,CHIP 820 1/16W (1608)
R48	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R49	1-216-855-11	s	RESISTOR, CHIP 680K 1/16W 1608
R50	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R51	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R52	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)

(AT-128 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R53	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R54	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R55	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R56	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R57	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R58	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R59	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R60	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R61	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R62	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R63	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R64	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R65	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R66	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R67	1-216-862-11	s	RESISTOR,CHIP 2.7M 1/16W 1608
R69	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R70	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R71	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R72	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R73	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R74	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R75	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R76	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R77	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R78	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R79	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R80	1-216-811-11	s	RESISTOR, CHIP 150 1/16W(1608)
R81	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R82	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R83	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R84	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R85	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R86	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R87	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R88	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R89	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R90	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R91	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R92	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R94	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R95	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R96	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R97	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R98	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R99	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R100	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R101	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R104	1-218-737-11	s	RESISTOR,CHIP 75K 1/16W
R105	1-218-737-11	s	RESISTOR,CHIP 75K 1/16W
R106	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R107	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R110	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R111	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R112	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R113	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R114	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R117	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R120	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R121	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608

(AT-128 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R122	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R123	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R124	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R125	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R126	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R128	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R129	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R130	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R131	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R132	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R133	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R134	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R136	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R137	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R138	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R139	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R140	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R141	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
RB1	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB2	1-239-416-11	s	NETWORK,RESISTOR 220 (1608)
RB3	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB4	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB5	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB6	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB7	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB8	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB9	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB10	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB11	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB12	1-239-419-11	s	NETWORK RESISTOR 470 (1608)
RB13	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB14	1-239-419-11	s	NETWORK RESISTOR 470 (1608)
RB16	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB17	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB18	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB19	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB20	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB21	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB22	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB23	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB24	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB25	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB26	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB27	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB28	1-239-416-11	s	NETWORK,RESISTOR 220 (1608)
RB31	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB32	1-239-416-11	s	NETWORK,RESISTOR 220 (1608)
S1	1-572-972-21	s	SWITCH,CHIP (2-2)
S2	1-572-972-21	s	SWITCH,CHIP (2-2)
S3	1-692-270-41	s	SWITCH, SLIDE

CN-1787 BOARD
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*a: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-965-A	o	MOUNTED CIRCUIT BOARD, CN-1787
C1	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C2	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C3	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C4	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C5	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C6	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C7	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C8	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C9	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C10	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C11	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C12	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C13	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C14	1-110-398-11	s	CAPACITOR TANTALUM 15MF/35V
C15	*a 1-164-505-11	s	CAPACITOR, CHIP CERAMIC 2.2MF
C16	*a 1-107-686-11	s	CAPACITOR, TANTALUM 4.7MF/16V
C17	*a 1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C18	*a 1-104-915-91	s	CAPACITOR, CHIP 2.2MF/20V
C19	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C101	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C102	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C103	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C104	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C105	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C106	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C107	1-117-193-11	s	CAPACITOR,3 TERMINAL 1.5MF/50V
C108	1-117-193-11	s	CAPACITOR,3 TERMINAL 1.5MF/50V
C109	1-117-193-11	s	CAPACITOR,3 TERMINAL 1.5MF/50V
CN3	1-770-449-21	o	CONNECTOR, BOARD TO BOARD 70P
CN4	1-778-535-11	o	CONNECTOR, FFC (ZIF) 45P
CN5	1-569-532-11	s	CONNECTOR 30P
CN6	1-784-544-11	o	PIN, CONNECTOR (PC BOARD) 6P
FL1	1-239-898-22	s	FILTER, EMI (SMD)
FL2	1-239-898-22	s	FILTER, EMI (SMD)
FL3	1-239-898-22	s	FILTER, EMI (SMD)
FL4	1-239-898-22	s	FILTER, EMI (SMD)
FL5	1-239-898-22	s	FILTER, EMI (SMD)
FL6	1-239-898-22	s	FILTER, EMI (SMD)
FL7	1-239-898-22	s	FILTER, EMI (SMD)
FL8	1-239-898-22	s	FILTER, EMI (SMD)
FL9	1-239-898-22	s	FILTER, EMI (SMD)
FL10	1-239-898-22	s	FILTER, EMI (SMD)
FL11	1-239-898-22	s	FILTER, EMI (SMD)
FL12	1-239-898-22	s	FILTER, EMI (SMD)
FL13	1-239-898-22	s	FILTER, EMI (SMD)
FL14	1-239-898-22	s	FILTER, EMI (SMD)
FL15	1-239-898-22	s	FILTER, EMI (SMD)
FL16	1-239-898-22	s	FILTER, EMI (SMD)
FL17	1-239-898-22	s	FILTER, EMI (SMD)
FL18	1-239-898-22	s	FILTER, EMI (SMD)
FL19	1-239-898-22	s	FILTER, EMI (SMD)
FL20	1-239-898-22	s	FILTER, EMI (SMD)
FL21	1-239-898-22	s	FILTER, EMI (SMD)

(CN-1787 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FL22	1-239-898-22	s	FILTER, EMI (SMD)
FL23	1-239-898-22	s	FILTER, EMI (SMD)
FL24	1-239-898-22	s	FILTER, EMI (SMD)
FL25	1-239-898-22	s	FILTER, EMI (SMD)
FL26	1-239-898-22	s	FILTER, EMI (SMD)
FL27	1-239-898-22	s	FILTER, EMI (SMD)
FL28	1-239-898-22	s	FILTER, EMI (SMD)
FL29	1-239-898-22	s	FILTER, EMI (SMD)
FL30	1-239-898-22	s	FILTER, EMI (SMD)
FL31	1-239-898-22	s	FILTER, EMI (SMD)
FL32	1-239-898-22	s	FILTER, EMI (SMD)
FL33	1-239-898-22	s	FILTER, EMI (SMD)
FL34	1-239-898-22	s	FILTER, EMI (SMD)
FL35	1-239-898-22	s	FILTER, EMI (SMD)
FL36	1-239-898-22	s	FILTER, EMI (SMD)
FL37	1-239-898-22	s	FILTER, EMI (SMD)
FL38	1-239-898-22	s	FILTER, EMI (SMD)
FL39	1-239-898-22	s	FILTER, EMI (SMD)
FL40	1-239-898-22	s	FILTER, EMI (SMD)
FL41	1-239-898-22	s	FILTER, EMI (SMD)
FL45	1-239-898-22	s	FILTER, EMI (SMD)
FL46	1-239-898-22	s	FILTER, EMI (SMD)
FL49	1-239-898-22	s	FILTER, EMI (SMD)
FL56	1-239-898-22	s	FILTER, EMI (SMD)
FL105	1-239-898-22	s	FILTER, EMI (SMD)
FL106	1-239-898-22	s	FILTER, EMI (SMD)
FL107	1-239-898-22	s	FILTER, EMI (SMD)
FL108	1-239-898-22	s	FILTER, EMI (SMD)
FL109	1-239-898-22	s	FILTER, EMI (SMD)
FL110	1-239-898-22	s	FILTER, EMI (SMD)
FL111	1-239-898-22	s	FILTER, EMI (SMD)
FL112	1-239-898-22	s	FILTER, EMI (SMD)
FL113	1-239-898-22	s	FILTER, EMI (SMD)
FL114	1-239-898-22	s	FILTER, EMI (SMD)
FL118	1-239-895-11	s	FILTER, EMI (SMD)
FL119	1-239-895-11	s	FILTER, EMI (SMD)
FL120	1-239-895-11	s	FILTER, EMI (SMD)
FL121	1-239-898-22	s	FILTER, EMI (SMD)
FL122	1-239-898-22	s	FILTER, EMI (SMD)
FL123	1-239-898-22	s	FILTER, EMI (SMD)
FL124	1-239-898-22	s	FILTER, EMI (SMD)
FL125	1-239-898-22	s	FILTER, EMI (SMD)
FL126	1-239-898-22	s	FILTER, EMI (SMD)
FL127	1-239-898-22	s	FILTER, EMI (SMD)
FL128	1-239-898-22	s	FILTER, EMI (SMD)
FL129	1-239-898-22	s	FILTER, EMI (SMD)
FL130	1-239-898-22	s	FILTER, EMI (SMD)
FL131	1-239-898-22	s	FILTER, EMI (SMD)
FL132	1-239-898-22	s	FILTER, EMI (SMD)
FL133	1-239-898-22	s	FILTER, EMI (SMD)
FL134	1-239-898-22	s	FILTER, EMI (SMD)
FL135	1-239-898-22	s	FILTER, EMI (SMD)
FL136	1-239-898-22	s	FILTER, EMI (SMD)
FL137	1-239-898-22	s	FILTER, EMI (SMD)
FL138	1-239-898-22	s	FILTER, EMI (SMD)
FL139	1-239-895-11	s	FILTER, EMI (SMD)
FL140	1-239-895-11	s	FILTER, EMI (SMD)
FL141	1-239-895-11	s	FILTER, EMI (SMD)
FL142	1-239-895-11	s	FILTER, EMI (SMD)

(CN-1787 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FL143	1-239-895-11	s	FILTER, EMI (SMD)
FL144	1-239-895-11	s	FILTER, EMI (SMD)
FL145	1-239-895-11	s	FILTER, EMI (SMD)
FL146	1-239-895-11	s	FILTER, EMI (SMD)
FL147	1-239-895-11	s	FILTER, EMI (SMD)
FL148	1-239-895-11	s	FILTER, EMI (SMD)
FL149	1-239-895-11	s	FILTER, EMI (SMD)
FL150	1-239-895-11	s	FILTER, EMI (SMD)
FL152	1-239-898-22	s	FILTER, EMI (SMD)
FL153	1-239-898-22	s	FILTER, EMI (SMD)
FL154	1-239-898-22	s	FILTER, EMI (SMD)
FL157	1-239-898-22	s	FILTER, EMI (SMD)
FL159	1-239-898-22	s	FILTER, EMI (SMD)
FL160	1-239-898-22	s	FILTER, EMI (SMD)
FL161	1-239-898-22	s	FILTER, EMI (SMD)
FL162	1-239-898-22	s	FILTER, EMI (SMD)
FL163	1-239-898-22	s	FILTER, EMI (SMD)
FL164	1-239-898-22	s	FILTER, EMI (SMD)
IC1	8-759-676-36	s	IC SN74LVC827APWR
IC2	8-759-676-36	s	IC SN74LVC827APWR
IC3	8-759-676-36	s	IC SN74LVC827APWR
IC4	8-759-676-36	s	IC SN74LVC827APWR
IC5	8-759-676-36	s	IC SN74LVC827APWR
IC6	8-759-553-53	s	IC NC7SZ125P5
IC7	8-759-553-53	s	IC NC7SZ125P5
IC8	8-759-553-53	s	IC NC7SZ125P5
IC9	8-759-553-53	s	IC NC7SZ125P5
IC10	8-759-260-55	s	IC TLC272CPW (E05)
*a IC11	8-759-185-42	s	IC LM4040AIM3-2.5
L1	1-412-030-11	s	INDUCTOR,CHIP 22UH (3225)
*a L2	1-412-029-12	s	CHIP INDUCTOR 10UH (3225)
*a Q1	8-729-101-07	s	TANSISTOR 2SB798
R1	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
*a R8	1-218-692-11	s	RESISTOR, CHIP 1.0K 1/16W (1608)
*a R9	1-218-724-11	s	RESISTOR, CHIP 22K 1/16W (1608)
*a R10	1-218-716-11	s	RESISTOR, CHIP 10K 1/16W (1608)
*a R11	1-218-724-11	s	RESISTOR, CHIP 22K 1/16W (1608)
*a R12	1-218-724-11	s	RESISTOR, CHIP 22K 1/16W (1608)
*a R13	1-218-724-11	s	RESISTOR, CHIP 22K 1/16W (1608)
R14	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R15	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R16	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R17	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R30	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R31	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R38	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R39	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
RB1	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB2	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K

CN-1927 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-677-785-11	o	PRINTED WIRING BOARD, CN-1927
C1	1-117-145-11	s	CAPACITOR, ELECT 1MF/50V (BP)
C2	1-117-145-11	s	CAPACITOR, ELECT 1MF/50V (BP)
C4	1-135-213-21	s	CAPACITOR TANTALUM 3.3MF/25V
C5	1-163-038-00	s	CAPACITOR, CERAMIC 0.1MF/25V
C6	1-128-405-11	s	CAPACITOR.ELECT 22MF/50V(CHIP)
CN1	1-580-532-11	o	PIN,CONNECTOR(PC BOARD)6P
CN2	1-506-468-11	o	PIN,CONNECTOR (3P)
D1	8-719-801-78	s	DIODE 1SS184
D2	8-719-801-78	s	DIODE 1SS184
L1	1-412-030-11	s	INDUCTOR,CHIP 22UH (3225)
R3	1-216-049-11	s	RESISTOR, CHIP 1K 1/10W(2012)
R4	1-216-065-91	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R5	1-216-065-91	s	RESISTOR,CHIP 4.7K 1/10W(2012)
S1	1-570-988-11	s	SWITCH,TOGGLE

CN-1928 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8327-157-A	o	MOUNTED CIRCUIT BOARD, CN-1928
C1	1-163-038-00	s	CAPACITOR, CERAMIC 0.1MF/25V
CN2	1-580-544-11	s	PIN, CONNECTOR (PC BOARD) 30P
L1	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L2	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L3	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L4	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L5	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L6	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L7	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L9	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L10	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L11	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L12	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L13	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L14	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L15	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L16	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L18	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)

CN-1929 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8327-158-A	o	MOUNTED CIRCUIT BOARD, CN-1929
CN1	1-580-562-11	o	PIN, CONNECTOR (PC BOARD) 14P
CN2	1-580-535-11	o	PIN, CONNECTOR (PC BOARD) 12P
CN3	1-580-558-11	o	PIN, CONNECTOR (PC BOARD) 6P
FL1	1-239-601-31	s	FILTER, CHIP EMI
FL2	1-239-601-31	s	FILTER, CHIP EMI
FL3	1-239-601-31	s	FILTER, CHIP EMI
FL4	1-239-601-31	s	FILTER, CHIP EMI
FL5	1-239-601-31	s	FILTER, CHIP EMI
FL6	1-239-601-31	s	FILTER, CHIP EMI
FL7	1-239-719-31	s	FILTER, CHIP EMI
FL8	1-239-719-31	s	FILTER, CHIP EMI
FL9	1-239-719-31	s	FILTER, CHIP EMI
FL10	1-239-719-31	s	FILTER, CHIP EMI
FL11	1-239-719-31	s	FILTER, CHIP EMI
FL12	1-239-719-31	s	FILTER, CHIP EMI
FL13	1-239-719-31	s	FILTER, CHIP EMI

CN-1930 BOARD

*a: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8327-159-A	o	MOUNTED CIRCUIT BOARD, CN-1930
C1	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C3	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C4	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C5	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C6	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C7	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C8	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
CN1	1-580-535-11	o	PIN, CONNECTOR (PC BOARD) 12P
CN2	1-766-696-11	o	CONNECTOR, ROUND TYPE 8P
CN3	1-506-984-11	o	PIN,CONNECTOR (2P)
D1	8-719-987-87	s	DIODE ERA85-009
R2	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R3	1-216-295-00	s	CONDUCTOR, CHIP (2012)
FB1	*a 1-543-775-11	s	BEAD, FERRITE
FB2	*a 1-543-775-11	s	BEAD, FERRITE
FB3	*a 1-543-775-11	s	BEAD, FERRITE
FB4	*a 1-543-775-11	s	BEAD, FERRITE
FB5	*a 1-543-775-11	s	BEAD, FERRITE
FB6	*a 1-412-364-11	s	MICRO INDUCTOR
FB7	*a 1-412-364-11	s	MICRO INDUCTOR
THP1	⚠ 1-762-254-21	s	SWITCH, POLY

CN-2045 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-677-789-11	o	PRINTED WIRING BOARD, CN-2045
C1	1-163-038-00	s	CAPACITOR, CERAMIC 0.1MF/25V
C2	1-163-038-00	s	CAPACITOR, CERAMIC 0.1MF/25V
C3	1-107-690-11	s	CAPACITOR TANTALUM 6.8MF/35V
C4	1-163-038-00	s	CAPACITOR, CERAMIC 0.1MF/25V
C5	1-163-038-00	s	CAPACITOR, CERAMIC 0.1MF/25V
C6	1-107-690-11	s	CAPACITOR TANTALUM 6.8MF/35V
CN1	1-506-998-11	o	PIN,CONNECTOR (2P)
CN2	1-506-998-11	o	PIN,CONNECTOR (2P)
CN3	1-506-998-11	o	PIN,CONNECTOR (2P)
CN4	1-784-542-11	s	PIN, CONNECTOR (PC BOARD) 2P
CN5	1-784-542-11	s	PIN, CONNECTOR (PC BOARD) 2P
L1	1-414-398-11	s	INDUCTOR (SMD) 10UH
L2	1-414-398-11	s	INDUCTOR (SMD) 10UH
L3	1-414-398-11	s	INDUCTOR (SMD) 10UH
L4	1-414-398-11	s	INDUCTOR (SMD) 10UH

CN-2095 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-678-348-11	o	PRINTED WIRING BOARD, CN-2095
CN1	1-580-544-11	s	PIN, CONNECTOR (PC BOARD) 30P
CN2	1-573-814-11	o	CONNECTOR,SQUARE(WITH C)(M)29P

DA-143 BOARD
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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-961-A	o	MOUNTED CIRCUIT BOARD, DA-143
C2	1-125-990-11	s	CAPACITOR,TANTALUM 47MF/20V
C3	1-115-581-11	s	CAPACITOR CHIP ELECT 100MF/16V
C4	1-113-500-11	s	CAPACITOR TANTALUM 100MF/10V
C6	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C7	1-113-981-11	s	CAPACITOR TANTALUM 22MF/20V
C8	1-113-981-11	s	CAPACITOR TANTALUM 22MF/20V
C11	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C12	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C13	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C14	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C15	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C16	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C100	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C101	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C102	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C103	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C104	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C105	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C107	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C108	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C109	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C110	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C111	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C112	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C113	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C200	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C201	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C208	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C209	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C210	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C211	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C212	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C213	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C214	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C215	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C216	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C217	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C218	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C219	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C220	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C221	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C222	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C223	1-104-478-11	s	CAPACITOR TANTALUM 10MF/35V
C224	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C225	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C226	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C300	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C301	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C302	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C306	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C307	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

Ref. No. or Q'ty	Part No.	SP	Description
C308	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C309	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C310	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C311	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C312	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C313	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C314	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C315	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C316	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C317	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C318	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C319	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C320	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C321	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C322	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C323	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C324	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C325	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C326	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C327	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C328	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C329	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C330	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C331	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C332	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C333	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C334	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C335	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C336	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C337	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C338	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C339	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C340	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C341	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C342	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C343	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C344	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C345	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C346	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C347	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C348	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C349	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C350	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C351	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C352	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C353	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C354	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C355	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C356	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C359	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C360	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C361	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C362	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C363	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C364	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C365	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C366	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C367	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C368	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(DA-143 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C369	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C370	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C371	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C372	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C373	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C374	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C375	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C376	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C377	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
CN3	1-695-889-21	s	PIN, CONNECTOR (PC BOARD) 10P
CN4	1-695-208-21	o	PIN, CONNECTOR (PC BOARD) 7P
CN5	1-695-208-21	o	PIN, CONNECTOR (PC BOARD) 7P
D100	8-719-059-59	s	DIODE MA3J74200LSO
IC100	8-759-082-61	s	IC TC4W53FU
IC101	8-759-442-07	s	IC LM75
IC102	8-759-386-25	s	IC 74LCX245MTCX
IC103	8-759-470-51	s	IC MB88141APFV-ER
IC104	8-759-660-97	s	IC NC7SZ00P5
IC200	8-752-357-62	s	IC CXD2307R
IC201	8-759-064-36	s	IC MB88346BPFV
IC300	8-759-586-33	s	IC XC4013XLA-09PQ208C
IC301	8-759-668-23	o	IC XCV50-4TQ144C
IC302	8-759-386-25	s	IC 74LCX245MTCX
IC304	8-759-595-53	s	IC MB81F643242B-10
IC305	8-759-595-53	s	IC MB81F643242B-10
IC308	8-759-569-91	s	IC TLC7733IPWR
IC309	8-759-678-90	s	IC XC1802VQ44C
IC312	8-759-389-30	s	IC 74LCX32MTCX
IC313	8-759-389-31	s	IC 74LCX125MTCX
IC314	8-759-599-93	s	IC NC7SZ08P5
JC301	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC308	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC309	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC310	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC311	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC312	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC313	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC500	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC502	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC503	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
L2	1-424-743-21	s	COIL, CHOKE 10UH
L3	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L4	1-412-030-11	s	INDUCTOR,CHIP 22UH (3225)
L100	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L101	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L102	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L103	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L200	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L201	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L202	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L203	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L204	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L205	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L302	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L303	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L304	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L305	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)

(DA-143 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L306	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
Q100	8-729-924-39	s	TRANSISTOR DTC143XU
Q200	8-729-823-86	s	TRANSISTOR 2SA1745
Q201	8-729-823-86	s	TRANSISTOR 2SA1745
Q202	8-729-823-86	s	TRANSISTOR 2SA1745
R100	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R102	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R103	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R104	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R106	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R107	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R108	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R109	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R111	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R112	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R113	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R114	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R115	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R116	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R117	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R118	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R119	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R120	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R121	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R122	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R123	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R124	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R125	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R128	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R129	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R138	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R200	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R201	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R220	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R221	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R222	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R223	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R227	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R228	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R229	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R230	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R231	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R232	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R233	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R234	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R235	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R236	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R237	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R238	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R239	1-218-679-11	s	RESISTOR,CHIP 300 1/16W (1608)
R240	1-218-679-11	s	RESISTOR,CHIP 300 1/16W (1608)
R241	1-218-679-11	s	RESISTOR,CHIP 300 1/16W (1608)
R242	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R243	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R244	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R245	1-216-824-11	s	RESISTOR, CHIP 1.8K 1/16W 1608
R246	1-216-824-11	s	RESISTOR, CHIP 1.8K 1/16W 1608
R247	1-216-824-11	s	RESISTOR, CHIP 1.8K 1/16W 1608

(DA-143 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R304	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R306	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R307	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R312 *b	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
*a	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R313	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R314	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R315	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R316	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R317	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R318	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R319	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R320	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R321	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R322	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R323	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R324	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R325	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R327	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R328	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R329	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R330	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R331	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R332	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R335	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R336	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R337	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R338	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R339	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R340	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R341	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R342	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R343	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R348	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R349	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R350	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R351	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R354	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R356	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R360	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R361	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
RB300	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB301	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB302	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB303	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB304	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB305	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB306	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB307	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB308	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB309	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB310	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
S1	1-571-275-31	s	SWITCH,SLIDE (1-1-2)
X1	1-795-081-11	s	OSCILLATOR, CRYSTAL

DR-377A BOARD

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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc *1	A-8327-402-A	o	MOUNTED CIRCUIT BOARD, DR-377A
C1	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C2	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C3	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C4	1-104-823-11	s	CAPACITOR,TANTALUM 47MF/16V
C5	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C6	1-104-823-11	s	CAPACITOR,TANTALUM 47MF/16V
C7	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C8	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C9	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C10	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C11	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C12	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C13	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C14	1-104-823-11	s	CAPACITOR,TANTALUM 47MF/16V
C15	1-113-992-11	s	CAPACITOR,TANTALUM 3.3MF/35V
C16	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C17	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C19	1-127-518-11	s	CAPACITOR,ELECT 100MF/16V
C20	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C21	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C22	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C23	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C24	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C25	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C26	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C27	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C28	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C29	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C32	1-131-861-11	s	CAPACITOR,TANTALUM ELECT 4.7MF
CN2	1-794-864-11	o	CONNECTOR, FPC 23P
CN3	1-794-864-11	o	CONNECTOR, FPC 23P
CN4	1-794-864-11	o	CONNECTOR, FPC 23P
D1	8-719-024-81	s	DIODE 1SS300-TE85L
D2	8-719-024-81	s	DIODE 1SS300-TE85L
D3	8-719-024-81	s	DIODE 1SS300-TE85L
D4	8-719-029-57	s	ZENER DIODE RD2.4UH-T1
D5	8-719-029-57	s	ZENER DIODE RD2.4UH-T1
IC1	8-759-185-42	s	IC LM4040AIM3-2.5
IC2	8-759-260-55	s	IC TLC272CPW (E05)
IC3	8-759-985-17	s	IC 74AC04SJ
IC4	8-759-985-17	s	IC 74AC04SJ
IC5	8-759-985-17	s	IC 74AC04SJ
IC6	8-759-985-17	s	IC 74AC04SJ
IC7	8-759-599-93	s	IC NC7SZ08P5
IC9	8-759-599-93	s	IC NC7SZ08P5
IC11	8-759-599-93	s	IC NC7SZ08P5
Q1	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q2	8-729-820-86	s	TRANSISTOR 2SB1121-ST
Q3	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q4	8-729-928-90	s	TRANSISTOR DTC114EE
R1	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

*1:Refer to Section 4-1 "Note on Repair Parts".

(DR-377A BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R2	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R3	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R4	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R5	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R6	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R7	1-216-847-11	s	RESISTOR, CHIP 150K 1/16W 1608
R8	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R9	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R10	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R11	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R12	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R13	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R14	1-218-711-11	s	RESISTOR,METAL 6.2K 1/16W
R15	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R16	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R17	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R18	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R19	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R20	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R21	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R22	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R23	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R24	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W
R25	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R26	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R27 *b	1-216-813-11	s	RESISTOR,CHIP 220 1/16W(1608)
*a	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R28	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R29	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R30	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R31	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R32	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R33	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R34	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R35	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R36	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R37	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R38	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R39	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R40	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R41	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R42	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R43	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R44	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R45	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R46	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R52	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R54	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R56	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R57	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R58	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R59	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R60	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R67	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R68	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R69	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R72	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R73	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R74	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W

(DR-377A BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R76	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R78	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R79	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R80	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R81	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R82	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R83	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

EN-141/141A/141B BOARD

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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8327-156-A	o	MOUNTED CIRCUIT BOARD, EN-141 [for BVP-9500WS(UC)]
	A-8327-202-A	o	MOUNTED CIRCUIT BOARD, EN-141A [for BVP-9500WS(J)]
	A-8327-214-A	o	MOUNTED CIRCUIT BOARD, EN-141P [for BVP-9500WSP(CE)]
1pc	3-612-328-12	o	PANEL(EN),PC BOARD
1pc	3-612-329-01	o	SHEET,INSULATOR
2pcs	3-612-334-01	o	PULL LEVER
7pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)(STEEL)
2pcs	7-688-001-12	s	WASHER W2, MIDDLE
C1	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C2	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C3	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C4	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C5	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C6	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C7	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C8	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C9	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C10	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C11	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C12	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C13	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C14	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C15	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C16	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C17	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C19	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C20	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C21	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C22	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C23	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C25	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C50	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C51	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C52	1-162-908-11	s	CAPACITOR,CERAMIC 3PF/50V 1608 [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK) [for BVP-9500WSP(CE)]
C92	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C101	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C102	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C103	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C104	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C105	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C106	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C107	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C108	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C109	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C110	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C111	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C112	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C113	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C205	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C206	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C207	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C208	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C209	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C210	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C211	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C212	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C213	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C214	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C215	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C216	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C305	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C306	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C307	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C308	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C309	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C310	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C311	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C312	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C313	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C314	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C315	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C316	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C405	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C406	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C407	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C408	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C409	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C410	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C411	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C412	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C413	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C414	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C415	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C500	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C501	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C502	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C503	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C504	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C505	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C506	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C507	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C508	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C509	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C510	1-162-925-11	s	CAPACITOR,CERAMIC 68PF/50V CH
C511	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C512	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C513	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C514	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C515	1-162-925-11	s	CAPACITOR,CERAMIC 68PF/50V CH
C516	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C517	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C518	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C519	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C520	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C522	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C523	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C524	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

Ref. No. or Q'ty	Part No.	SP	Description
C525	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C526	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C528	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C529	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C530	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C531	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C533	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C600	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C601	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C602	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C603	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C604	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C605	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V [for BVP-9500WS(J), BVP-9500WS(UC)]
C606	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C607	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C608	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C609	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C610	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C611	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C612	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V [for BVP-9500WS(J), BVP-9500WS(UC)]
C613	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C614	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C615	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C616	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C617	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C618	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C619	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C620	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C621	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C622	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C623	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C624	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C625	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C626	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C627	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C628	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C629	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C630	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH [for BVP-9500WSP(CE)]
C631	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V [for BVP-9500WSP(CE)]
C632	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V [for BVP-9500WSP(CE)]
C633	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C634	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C635	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C636	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C637	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C638	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C639	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C640	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C641	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C642	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C643	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C644	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK) [for BVP-9500WS(J), BVP-9500WS(UC)]

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C645	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C647	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C648	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C649	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C651	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C652	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C653	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C654	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C655	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C656	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C661	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C662	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C663	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C664	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C665	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C701	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C704	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C708	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C711	1-164-218-11	s	CAPACITOR,CERAMIC 180PF/50V CH
C721	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH [for BVP-9500WSP(CE)]
C800	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C801	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C802	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C803	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C804	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C805	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C809	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C811	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C812	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C813	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C815	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C816	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C817	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C818	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C819	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C823	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C824	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C825	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C826	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C828	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C829	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C830	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C900	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C901	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C902	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C903	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C904	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C905	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C906	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C907	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C908	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C909	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C910	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C911	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
D1	8-719-041-68	s	DIODE RD3.3UH(1)-T1
D2	8-719-041-68	s	DIODE RD3.3UH(1)-T1

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D3	8-719-041-68	s	DIODE RD3.3UH(1)-T1
D4	8-719-029-77	s	ZENER DIODE RD15UJN-T1
D400	8-719-820-41	s	DIODE 1SS302
D500	8-719-059-59	s	DIODE MA3J74200LSO
D501	8-719-024-81	s	DIODE 1SS300-TE85L
D502	8-719-024-81	s	DIODE 1SS300-TE85L
D503	8-719-059-59	s	DIODE MA3J74200LSO
D504	8-719-024-81	s	DIODE 1SS300-TE85L
DL600	1-415-710-11	s	DELAY LINE, Y (NTSC) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-415-711-11	s	DELAY LINE (Y) [for BVP-9500WSP(CE)]
DL605	1-402-647-11	s	DELAY LINE(90C)(NTSC) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-402-646-21	s	DELAY LINE (90C) (PAL) [for BVP-9500WSP(CE)]
DL606	1-415-811-11	s	DELAY LINE (VISUAL SIGNAL) [for BVP-9500WS(J), BVP-9500WS(UC)]
FL601	1-236-624-11	s	FILTER, LOW PASS (U/U) [for BVP-9500WSP(CE)]
FL602	1-236-622-12	s	FILTER, LOW PASS (Q) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-236-624-11	s	FILTER, LOW PASS (U/U) [for BVP-9500WSP(CE)]
FL603	1-239-375-21	s	FILTER, LOW PASS
FL604	1-235-573-11	s	SC L.P.F [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-235-572-11	s	FILTER,LOW PASS(SC) [for BVP-9500WSP(CE)]
FL606	1-235-161-00	s	FILTER, BANDPASS [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-235-181-00	s	FILTER,BAND PASS [for BVP-9500WSP(CE)]
FL607	1-239-528-21	s	FILTER,LOW PASS(NTSC BLANKING) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-239-527-21	s	LPF (PAL BLANKING) [for BVP-9500WSP(CE)]
FL608	1-239-383-12	s	FILTER,LOW PASS(NTSC SYNC) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-239-381-21	s	FILTER(PAL SYNC),LOW PASS [for BVP-9500WSP(CE)]
IC1 *b	8-759-669-53	s	IC TLC274CPWR-12
*a	8-759-369 55	s	IC TLC274CPW-E05
IC2	8-759-470-51	s	IC MB88141APFV-ER
IC3	8-759-470-51	s	IC MB88141APFV-ER
IC5	8-759-274-66	s	IC LM4040BIM3-5.0
IC100	8-759-521-81	s	IC AD8005ART-REEL7
IC101 *b	8-759-669-53	s	IC TLC274CPWR-12
*a	8-759-082-53	s	IC TLC274CPW
IC102	8-759-082-61	s	IC TC4W53FU
IC200	8-759-521-81	s	IC AD8005ART-REEL7
IC202	8-759-082-61	s	IC TC4W53FU
IC203	8-759-082-61	s	IC TC4W53FU
IC204	8-759-521-81	s	IC AD8005ART-REEL7
IC300	8-759-521-81	s	IC AD8005ART-REEL7
IC301 *b	8-759-599-93	s	IC NC7SZ08P5
IC302	8-759-082-61	s	IC TC4W53FU
IC303	8-759-082-61	s	IC TC4W53FU
IC304	8-759-521-81	s	IC AD8005ART-REEL7
IC400	8-759-521-81	s	IC AD8005ART-REEL7
IC401	8-759-521-81	s	IC AD8005ART-REEL7
IC402	8-759-521-81	s	IC AD8005ART-REEL7

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC403	8-759-082-61	s	IC TC4W53FU
IC404	8-759-521-81	s	IC AD8005ART-REEL7
IC500	8-759-082-61	s	IC TC4W53FU
IC501	8-759-101-12	s	IC UPC311G2
IC502	8-759-076-06	s	IC TL064CPW
IC503	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC505	8-759-195-81	s	IC TC7S86FU
IC506	8-759-082-60	s	IC TC7S66FU
IC507	8-759-196-93	s	IC TC7SH00FU-TE85R
IC508	8-759-082-61	s	IC TC4W53FU
IC509	8-759-083-94	s	IC TC7W74FU
IC600	8-752-090-56	s	IC CXA3178M-T4
IC601	8-759-521-81	s	IC AD8005ART-REEL7
IC602	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC603	8-759-054-61	s	IC CLC505AJE
IC604	8-759-173-16	s	IC TL062CPW
IC605	8-759-082-61	s	IC TC4W53FU
IC700	8-759-082-59	s	IC TC7W32FU
IC701	8-759-242-78	s	IC TC7W02F
IC702	8-759-082-57	s	IC TC7W04FU
IC703 *b	8-759-599-93	s	IC NC7SZ08P5
*a	8-759-058-62	s	IC TC7S08FU-TE85R
IC704	8-759-389-26	s	IC 74LCX08MTCX
IC705	8-759-082-58	s	IC TC7W08FU
IC706	8-759-058-64	s	IC TC7S32FU-TE85R
IC707	8-759-523-81	s	IC TC74VHC08FT(EL)
IC708	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC709	8-759-058-64	s	IC TC7S32FU-TE85R
IC710	8-759-058-62	s	IC TC7S08FU-TE85R
IC711	8-759-058-56	s	IC TC7S02FU(TE85R)
IC712 *b	8-759-575-66	s	IC NC7SZ86P5
*a	8-759-195-81	s	IC TC7S86FU
IC713 *b	8-759-599-93	s	IC NC7SZ08P5
*a	8-759-058-62	s	IC TC7S08FU-TE85R
IC720	8-759-082-58	s	IC TC7W08FU
IC721	8-759-363-17	s	IC TC7ST32FU (TE85R)
IC800	8-759-523-01	s	IC TC74HC4052AFT(EL)
IC801	8-759-082-61	s	IC TC4W53FU
IC802	8-759-521-81	s	IC AD8005ART-REEL7
IC804	8-759-521-81	s	IC AD8005ART-REEL7
IC805	8-759-082-61	s	IC TC4W53FU
IC806	8-759-082-61	s	IC TC4W53FU
IC807	8-759-521-81	s	IC AD8005ART-REEL7
IC808	8-759-521-81	s	IC AD8005ART-REEL7
IC809	8-759-082-61	s	IC TC4W53FU
IC810	8-759-082-61	s	IC TC4W53FU
IC811	8-759-054-61	s	IC CLC505AJE
IC812	8-759-521-81	s	IC AD8005ART-REEL7
IC813	8-759-254-49	s	IC EL4581CS (TE2)
IC814	8-759-082-61	s	IC TC4W53FU
IC900	8-759-521-81	s	IC AD8005ART-REEL7
IC901	8-759-082-61	s	IC TC4W53FU
IC902	8-759-082-61	s	IC TC4W53FU
L1	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L3	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L4	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L6	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L100	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L101	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L500	1-410-656-11	s	INDUCTOR,CHIP 150UH (3225)
L501	1-410-385-11	s	INDUCTOR,CHIP 22UH (3225)
L502	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L504	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L505	1-414-521-11	s	INDUCTOR, SMALL TYPE 10.0UH
L600	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L601	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L602	1-414-521-11	s	INDUCTOR, SMALL TYPE 10.0UH
L603	1-414-521-11	s	INDUCTOR, SMALL TYPE 10.0UH
L604	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L605	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L606	1-412-979-21	s	INDUCTOR (SMALL TYPE)
L607	1-412-979-21	s	INDUCTOR (SMALL TYPE)
L800	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L801	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L802	1-412-979-21	s	INDUCTOR (SMALL TYPE)
L803	1-412-979-21	s	INDUCTOR (SMALL TYPE)
Q1	8-729-101-07	s	TRANSISTOR 2SB798
Q2	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q3	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q4	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q5	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q6	8-729-041-51	s	TRANSISTOR FMMT617TA
Q7	8-729-039-86	s	TRANSISTOR FMMT717TA
Q8	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q9	8-729-039-86	s	TRANSISTOR FMMT717TA
Q10	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q11	8-729-039-86	s	TRANSISTOR FMMT717TA
Q12	8-729-039-86	s	TRANSISTOR FMMT717TA
Q13	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q14	8-729-041-51	s	TRANSISTOR FMMT617TA
Q16	8-729-041-51	s	TRANSISTOR FMMT617TA
Q20	8-729-039-86	s	TRANSISTOR FMMT717TA
Q21	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q100	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q101	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q102	8-729-026-34	s	TRANSISTOR XP6435-TX
Q103	8-729-026-32	s	TRANSISTOR XP6534-TX
Q104	8-729-026-34	s	TRANSISTOR XP6435-TX
Q106	8-729-024-56	s	TRANSISTOR 2SA1808
Q107	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q108	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q116	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q200	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q201	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q202	8-729-026-34	s	TRANSISTOR XP6435-TX
Q203	8-729-026-32	s	TRANSISTOR XP6534-TX
Q204	8-729-026-34	s	TRANSISTOR XP6435-TX
Q206	8-729-024-56	s	TRANSISTOR 2SA1808
Q207	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q208	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q209	8-729-026-32	s	TRANSISTOR XP6534-TX
Q210	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q211	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q212	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q213	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q214	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q215	8-729-230-38	s	TRANSISTOR 2SC4215Y

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q216	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q300	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q301	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q302	8-729-026-34	s	TRANSISTOR XP6435-TX
Q303	8-729-026-32	s	TRANSISTOR XP6534-TX
Q304	8-729-026-34	s	TRANSISTOR XP6435-TX
Q306	8-729-024-56	s	TRANSISTOR 2SA1808
Q307	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q308	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q309	8-729-026-32	s	TRANSISTOR XP6534-TX
Q310	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q311	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q312	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q313	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q314	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q315	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q316	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q400	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q401	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q402	8-729-026-34	s	TRANSISTOR XP6435-TX
Q403	8-729-026-32	s	TRANSISTOR XP6534-TX
Q404	8-729-026-34	s	TRANSISTOR XP6435-TX
Q406	8-729-024-56	s	TRANSISTOR 2SA1808
Q407	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q408	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q409	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q500	8-729-026-32	s	TRANSISTOR XP6534-TX
Q501	8-729-117-32	s	TRANSISTOR 2SC4177
Q502	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q503	8-729-117-32	s	TRANSISTOR 2SC4177
Q504	8-729-117-32	s	TRANSISTOR 2SC4177
Q505	8-729-026-32	s	TRANSISTOR XP6534-TX
Q506	8-729-026-32	s	TRANSISTOR XP6534-TX
Q507	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q508	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q509	8-729-117-32	s	TRANSISTOR 2SC4177
Q510	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q513	8-729-117-32	s	TRANSISTOR 2SC4177
Q514	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q515	8-729-117-32	s	TRANSISTOR 2SC4177
Q516	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q517	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q600	8-729-026-32	s	TRANSISTOR XP6534-TX
Q601	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q602	8-729-026-34	s	TRANSISTOR XP6435-TX
Q603	8-729-026-32	s	TRANSISTOR XP6534-TX
Q604	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q605	8-729-117-32	s	TRANSISTOR 2SC4177
Q606	8-729-117-32	s	TRANSISTOR 2SC4177
Q607	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q608	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q609	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q610	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q611	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q612	8-729-026-34	s	TRANSISTOR XP6435-TX
Q613	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q614	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q615	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q616	8-729-230-38	s	TRANSISTOR 2SC4215Y

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q623	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q624	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q625	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q626	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q700	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q701	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q800	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q801	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q802	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q803	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q804	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q805	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q806	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q807	8-729-026-32	s	TRANSISTOR XP6534-TX
Q808	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q809	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q810	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q812	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q813	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q814	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q815	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q816	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q818	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q819	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q820	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q821	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q822	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q823	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q902	8-729-142-90	s	TRANSISTOR 2SK853-K5
Q903	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q904	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q905	8-729-026-32	s	TRANSISTOR XP6534-TX
Q906	8-729-420-43	s	TRANSISTOR 2SC3707
Q907	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q908	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q909	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q910	8-729-026-32	s	TRANSISTOR XP6534-TX
Q911	8-729-420-43	s	TRANSISTOR 2SC3707
Q912	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q913	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q914	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q915	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q916	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q917	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
R1	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608) [for BVP-9500WS(J), BVP-9500WS(UC)]
R2	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608) [for BVP-9500WSP(CE)]
R3	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R4	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R5	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R6	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R7	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R8	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R9	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R10	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R11	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R12	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R13	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R14	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R15	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R16	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R17	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R18	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R19	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R20	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R21	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R22	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608) [for BVP-9500WS(J), BVP-9500WS(UC)]
R23	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608) [for BVP-9500WSP(CE)]
R24	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608) [for BVP-9500WS(UC)]
R25	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608) [for BVP-9500WS(J), BVP-9500WSP(CE)]
R26	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R27	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R28	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R29	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R30	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R31	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R50	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R52	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R54	1-216-855-11	s	RESISTOR, CHIP 680K 1/16W 1608
R55	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R56	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R69	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R70	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R71	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R72	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R73	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R74	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R75	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R76	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R77	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R78	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R79	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R80	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R81	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R82	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R83	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R86	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R90	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R93	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R96	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R97	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R98	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R100	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R101	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R102	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R103	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R104	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R105	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R106	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R107	1-218-726-11	s	RESISTOR CHIP 27K 1/16W (1608)
R108	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R109	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R110	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R111	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R112	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R113	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R114	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R116	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R117	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R118	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R119	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R120	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R121	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R122	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R123	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R124	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R125	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R126	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R127	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R151	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R200	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R201	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R202	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R203	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R204	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R205	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R206	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R207	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R208	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R209	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R210	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R211	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R212	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R213	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R214	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R216	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R217	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R218	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R219	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R220	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R221	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R222	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R223	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W
R224	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R225	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R226	1-218-679-11	s	RESISTOR,CHIP 300 1/16W (1608)
R227	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R228	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R229	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R230	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R231	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R232	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
R233	1-218-695-11	s	RESISTOR,CHIP 1.3K 1/16W(1608)
R234	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R235	1-218-717-11	s	RESISTOR,CHIP 11K 1/16W (1608)
R236	1-218-717-11	s	RESISTOR,CHIP 11K 1/16W (1608)
R237	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R238	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R239	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608) [for BVP-9500WSP(CE)]

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R240	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R241	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608) [for BVP-9500WSP(CE)]
R242	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R243	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R244	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R245	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R246	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W
R247	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R248	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R249	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R250	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R251	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R300	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R301	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R302	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R303	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R304	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R305	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R306	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R307	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R308	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R309	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R310	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R311	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R312	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R313	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R314	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R316	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R317	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R318	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R319	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R320	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R321	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R322	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R323	1-218-711-11	s	RESISTOR,METAL 6.2K 1/16W
R324	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R325	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R326	1-218-679-11	s	RESISTOR,CHIP 300 1/16W (1608)
R327	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R328	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R329	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R330	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R331	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R332	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
R333	1-218-695-11	s	RESISTOR,CHIP 1.3K 1/16W(1608)
R334	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R335	1-218-717-11	s	RESISTOR,CHIP 11K 1/16W (1608)
R336	1-218-717-11	s	RESISTOR,CHIP 11K 1/16W (1608)
R337	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R338	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R339	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608) [for BVP-9500WSP(CE)]
R340	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R341	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
			[for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
			[for BVP-9500WSP(CE)]
R342	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R343	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R344	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R345	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R346	1-218-713-11	s	RESISTOR,METAL 7.5K 1/16W
R347	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R348	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R349	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R350	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R351	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R400	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R401	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R402	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R403	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R404	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R405	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R406	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R407	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R408	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R409	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R410	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R411	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R412	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R413	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R414	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R416	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R417	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R418	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R419	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R420	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R421	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W
R422	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R423	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R424	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W
R425	1-218-739-11	s	RESISTOR,CHIP 91K 1/16W(1608)
			[for BVP-9500WS(UC)]
R426	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R427	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R428	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R429	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R430	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R431	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R432	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R433	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R434	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R435	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R436	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
			[for BVP-9500WS(UC)]
	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
			[for BVP-9500WS(J), BVP-9500WSP(CE)]
R437	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R500	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R501	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R502	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R503	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R504	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R505	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R506	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R507	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R508	1-218-695-11	s	RESISTOR,CHIP 1.3K 1/16W(1608)
R509	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R510	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R511	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R512	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R513	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R514	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R515	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R516	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R517	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R518	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R519	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R520	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R521	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R522	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R523	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R524	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R525	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R526	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R527	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R528	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W
R529	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R530	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R531	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R532	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R533	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R534	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R535	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R536	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R537	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R538	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R539	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R540	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R541	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R542	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R543	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R544	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
			[for BVP-9500WSP(CE)]
R545	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R546	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R547	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
			[for BVP-9500WSP(CE)]
R548	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
			[for BVP-9500WS(J), BVP-9500WS(UC)]
R549	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R550	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R551	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R552	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R553	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R554	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R555	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R556	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R557	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R558	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R559	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R560	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W

Ref. No. or Q'ty	Part No.	SP	Description
R562	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R563	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R564	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R565	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R566	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R567	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R568	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R569	1-218-671-11	s	RESISTOR,CHIP 130 1/16W (1608)
R570	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R571	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R572	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R573	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R574	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R600	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R602	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
			[for BVP-9500WS(J), BVP-9500WS(UC)]
R603	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R604	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R605	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R606	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R607	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R608	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R609	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R610	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R611	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R612	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
			[for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
			[for BVP-9500PWS(CE)]
R613	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
			[for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
			[for BVP-9500WSP(CE)]
R614	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R615	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R616	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R617	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
			[for BVP-9500WSP(CE)]
R618	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
			[for BVP-9500WS(J), BVP-9500WS(UC)]
R619	1-218-751-11	s	RESISTOR,CHIP 300K 1/16W(1608)
R620	1-218-717-11	s	RESISTOR,CHIP 11K 1/16W (1608)
			[for BVP-9500WS(J), BVP-9500WS(UC)]
R621	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R622	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R623	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R624	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
			[for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
			[for BVP-9500WSP(CE)]
R625	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R626	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R627	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
			[for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
			[for BVP-9500WSP(CE)]
R628	1-218-713-11	s	RESISTOR,METAL 7.5K 1/16W
R629	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
			[for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
			[for BVP-9500WSP(CE)]

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R630	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
			[for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
			[for BVP-9500WSP(CE)]
R631	1-218-691-11	s	RESISTOR,CHIP 910 1/16W (1608)
R632	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R633	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R634	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R635	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R636	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R637	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R638	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R639	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R640	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R641	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R642	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R643	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R644	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R645	1-216-605-11	s	RESISTOR,CHIP 12 1/10W(2012)
R646	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
R647	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R648	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R649	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R650	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R651	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R652	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R656	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R657	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R658	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R659	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R660	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R661	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
			[for BVP-9500WSP(CE)]
R662	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R663	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R664	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R665	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R666	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R667	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
			[for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
			[for BVP-9500WSP(CE)]
R668	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R669	1-218-739-11	s	RESISTOR,CHIP 91K 1/16W(1608)
			[for BVP-9500WS(J), BVP-9500WS(UC)]
R670	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R671	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R672	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R673	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R674	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R675	1-218-679-11	s	RESISTOR,CHIP 300 1/16W (1608)
R676	1-218-679-11	s	RESISTOR,CHIP 300 1/16W (1608)
R677	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R678	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R679	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R680	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R681	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R682	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R683	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R699	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R700	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R701	*b 1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
	*a 1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R702	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R703	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R704	*b 1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
	*a 1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R705	*b 1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
	*a 1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R706	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R707	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R708	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R709	*b 1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
	*a 1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R710	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R711	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R712	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R713	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R714	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R715	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R716	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R717	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R718	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R719	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R720	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R721	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R722	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R723	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R724	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R725	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R726	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R727	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R728	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R729	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R730	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R731	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R732	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R733	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R734	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R735	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R736	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R737	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R738	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R739	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R740	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R741	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R742	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R743	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R744	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R745	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R746	*b 1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
	*a 1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R747	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R748	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R749	*b 1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
	*a 1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R750	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R751	1-218-691-11	s	RESISTOR,CHIP 910 1/16W (1608)
R752	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R753	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R754	1-218-691-11	s	RESISTOR,CHIP 910 1/16W (1608)
R755	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R756	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R757	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R758	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R759	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R760	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R761	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R762	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R763	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R764	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R765	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R766	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R767	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R768	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R769	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R770	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R771	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R772	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R773	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R774	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R775	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R776	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R777	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R778	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R779	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R780	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R781	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R782	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R783	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R784	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R785	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R786	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R787	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R788	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R789	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R790	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R791	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R793	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R794	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R795	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R796	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R797	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R800	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R801	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R802	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R803	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R804	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R805	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R806	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R807	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R808	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R809	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R810	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R811	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R812	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R813	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R814	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R815	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R816	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R817	1-218-698-11	s	RESISTOR,CHIP 1.8K 1/16W(1608)
R818	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R819	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608) [for BVP-9500WS(J)]
	1-218-677-11	s	RESISTOR,CHIP 240 1/16W (1608) [for BVP-9500WS(UC)]
	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608) [for BVP-9500WSP(CE)]
R820	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R821	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R822	1-218-733-11	s	RESISTOR,CHIP 51K 1/16W (1608)
R823	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R824	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R825	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R827	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W [for BVP-9500WS(UC)]
R829	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R834	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R835	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R836	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R837	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R838	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R839	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R840	1-218-713-11	s	RESISTOR,METAL 7.5K 1/16W
R841	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R842	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R843	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R846	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R847	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R848	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R849	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R850	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R851	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R852	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R855	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R856	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R858	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R859	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R860	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R861	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R862	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R864	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R865	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R866	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R867	1-218-698-11	s	RESISTOR,CHIP 1.8K 1/16W(1608)
R868	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R869	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R870	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R871	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R872	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608) [for BVP-9500WSP(CE)]
R873	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W [for BVP-9500WS(UC)]
R874	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R875	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R877	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R878	1-218-679-11	s	RESISTOR,CHIP 300 1/16W (1608)

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R879	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R880	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
R881	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R883	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R884	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R900	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R901	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R902	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R904	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R905	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R906	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R907	1-218-670-11	s	RESISTOR,CHIP 120 1/16W (1608)
R908	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R909	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R910	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R911	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R912	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R913	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R914	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R915	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R916	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R917	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R918	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R919	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R920	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R921	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R922	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R923	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R924	1-218-681-11	s	RESISTOR CHIP 360 1/16W (1608)
R925	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R926	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R927	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R928	1-218-717-11	s	RESISTOR,CHIP 11K 1/16W (1608)
R929	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R930	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R931	1-218-697-11	s	RESISTOR,CHIP 1.6K 1/16W(1608)
R932	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R933	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R934	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R935	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R936	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R937	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R938	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R939	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R940	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R941	1-218-681-11	s	RESISTOR CHIP 360 1/16W (1608)
R942	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R943	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R944	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R945	1-218-717-11	s	RESISTOR,CHIP 11K 1/16W (1608)
R946	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R947	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R948	1-218-254-11	s	RESISTOR,CHIP 2550 1/10W(2125)
R949	1-218-259-11	s	RESISTOR,CHIP 13700 1/10W 2125
R950	1-218-257-11	s	RESISTOR,CHIP 4990 1/10W(2125)
R951	1-218-254-11	s	RESISTOR,CHIP 2550 1/10W(2125)
R955	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R956	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R957	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R958	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R959	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R960	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
RB1 *b	1-239-430-11	s	NETWORK RESISTOR 4.7K (1608)
*a	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB2 *b	1-239-430-11	s	NETWORK RESISTOR 4.7K (1608)
*a	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB3	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB4	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB5 *b	1-239-430-11	s	NETWORK RESISTOR 4.7K (1608)
*a	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB200	1-239-025-11	s	RESISTOR BLOCK
RB300	1-239-026-11	s	RESISTOR BLOCK
RB600	1-239-028-11	s	RESISTOR BLOCK [for BVP-9500WS(J), BVP-9500WS(UC)]
RB601	1-239-026-11	s	RESISTOR BLOCK [for BVP-9500WSP(CE)]
RB602	1-239-027-11	s	RESISTOR BLOCK [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-239-025-11	s	RESISTOR BLOCK [for BVP-9500WSP(CE)]
RV100	1-241-832-21	s	RESISTOR ADJ 5K (CERMET)
RV104	1-241-741-11	s	RESISTOR ADJ 50K (CERMET)
RV200	1-241-832-21	s	RESISTOR ADJ 5K (CERMET)
RV201	1-241-830-11	s	RESISTOR ADJ 2K (CERMET)
RV202	1-241-829-21	s	RESISTOR,ADJ 1K (CERMET)
RV203	1-241-834-21	s	RESISTER,ADJ 20K (CERMET) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-241-829-21	s	RESISTOR,ADJ 1K (CERMET) [for BVP-9500WSP(CE)]
RV204	1-241-741-11	s	RESISTOR ADJ 50K (CERMET)
RV300	1-241-832-21	s	RESISTOR ADJ 5K (CERMET)
RV301	1-241-830-11	s	RESISTOR ADJ 2K (CERMET)
RV302	1-241-829-21	s	RESISTOR,ADJ 1K (CERMET)
RV303	1-241-834-21	s	RESISTER,ADJ 20K (CERMET) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-241-829-21	s	RESISTOR,ADJ 1K (CERMET) [for BVP-9500WSP(CE)]
RV304	1-241-741-11	s	RESISTOR ADJ 50K (CERMET)
RV401	1-241-828-21	s	RESISTOR,ADJ 500 (CERMET)
RV402	1-241-830-11	s	RESISTOR ADJ 2K (CERMET)
RV403	1-241-828-21	s	RESISTOR,ADJ 500 (CERMET)
RV404	1-241-830-11	s	RESISTOR ADJ 2K (CERMET)
RV405	1-241-741-11	s	RESISTOR ADJ 50K (CERMET) [for BVP-9500WS(UC)]
RV406	1-241-828-21	s	RESISTOR,ADJ 500 (CERMET)
RV407	1-241-741-11	s	RESISTOR ADJ 50K (CERMET)
RV600	1-241-828-21	s	RESISTOR,ADJ 500 (CERMET) [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-241-829-21	s	RESISTOR,ADJ 1K (CERMET) [for BVP-9500WSP(CE)]
RV601	1-241-266-11	s	RESISTOR ADJ 50K (CERMET)
RV602	1-241-266-11	s	RESISTOR ADJ 50K (CERMET)
RV603	1-241-828-21	s	RESISTOR,ADJ 500 (CERMET)
RV604	1-241-832-21	s	RESISTOR ADJ 5K (CERMET)
RV605	1-241-828-21	s	RESISTOR,ADJ 500 (CERMET)
RV606	1-241-830-11	s	RESISTOR ADJ 2K (CERMET)
RV607	1-241-836-11	s	RESISTOR,ADJ 100K (CERMET) [for BVP-9500WS(J), BVP-9500WS(UC)]
RV608	1-241-827-11	s	RESISTOR ADJ 200 (CERMET)
RV609	1-241-834-21	s	RESISTER,ADJ 20K (CERMET)
RV800	1-241-828-21	s	RESISTOR,ADJ 500 (CERMET)

(EN-141/141A/141B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RV801	1-241-830-11	s	RESISTOR ADJ 2K (CERMET)
RV802	1-241-828-21	s	RESISTOR,ADJ 500 (CERMET)
S600	1-692-881-41	s	SWITCH, SLIDE
S601	1-692-881-41	s	SWITCH, SLIDE
S800	1-571-304-11	s	SWITCH, CHIP
S801	1-571-304-11	s	SWITCH, CHIP
X1	1-579-713-11	s	OSCILLATOR,CRYSTAL [for BVP-9500WS(J), BVP-9500WS(UC)]
	1-579-718-11	s	OSCILLATOR,CRYSTAL [for BVP-9500WSP(CE)]

MB-830 BOARD
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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-955-A	o	MOUNTED CIRCUIT BOARD, MB-830
15pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)(STEEL)
C10	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C11	1-107-690-11	s	CAPACITOR TANTALUM 6.8MF/35V
C12	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C13	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C14	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C15	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C51	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C52	1-107-690-11	s	CAPACITOR TANTALUM 6.8MF/35V
C53	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C54	1-113-994-11	s	CAPACITOR TANTALUM 6.8MF/16V
C55	1-113-994-11	s	CAPACITOR TANTALUM 6.8MF/16V
C60	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C61	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C62	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C63	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C64	1-127-715-11	s	CAP, CHIP CERAMIC 0.22MF B1608
C65	1-127-715-11	s	CAP, CHIP CERAMIC 0.22MF B1608
C66	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C70	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C71	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C72	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C73	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C74	1-127-715-11	s	CAP, CHIP CERAMIC 0.22MF B1608
CN7	1-770-453-21	o	CONNECTOR, BOARD TO BOARD 70P
CN8	1-580-535-11	o	PIN, CONNECTOR (PC BOARD) 12P
CN9	1-784-547-11	o	PIN, CONNECTOR (PC BOARD) 20P
CN10	1-784-546-11	o	PIN, CONNECTOR (PC BOARD) 14P
CN11	1-784-546-11	o	PIN, CONNECTOR (PC BOARD) 14P
CN12	1-778-551-11	o	PIN, CONNECTOR 20P
CN13	1-506-984-11	o	PIN,CONNECTOR (2P)
CN14	1-580-539-11	o	PIN, CONNECTOR (PC BOARD) 20P
CN15	1-784-542-11	s	PIN, CONNECTOR (PC BOARD) 2P
CN16	1-784-545-11	o	PIN, CONNECTOR (PC BOARD) 9P
CN17	1-778-535-11	o	CONNECTOR, FFC (ZIF) 45P
CN18	1-580-567-11	s	PIN, CONNECTOR (PC BOARD) 24P
CN20	1-784-543-11	o	PIN, CONNECTOR (PC BOARD) 5P
IC1	8-759-564-49	s	IC TC7W53FU-TE12R
IC2	8-759-564-49	s	IC TC7W53FU-TE12R
IC3	8-759-564-49	s	IC TC7W53FU-TE12R
L1	1-414-398-11	s	INDUCTOR (SMD) 10UH
L2	1-414-398-11	s	INDUCTOR (SMD) 10UH
L3	1-414-398-11	s	INDUCTOR (SMD) 10UH
L4	1-414-398-11	s	INDUCTOR (SMD) 10UH
L5	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L6	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
Q1	8-729-117-32	s	TRANSISTOR 2SC4177
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q4	8-729-117-32	s	TRANSISTOR 2SC4177
Q5	8-729-117-32	s	TRANSISTOR 2SC4177

(MB-830 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q6	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q7	8-729-117-32	s	TRANSISTOR 2SC4177
Q8	8-729-117-32	s	TRANSISTOR 2SC4177
Q9	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q10	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q11	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q12	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q13 *b	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R1	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R2	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R3	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R4	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R5	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R6	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R7	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R8	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R9	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R10	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R12	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R13	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R14	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R15	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R16	1-220-253-11	s	RESISTOR CHIP 47 1/4W (3225)
R17	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R18	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R19	1-220-253-11	s	RESISTOR CHIP 47 1/4W (3225)
R20	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R21	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R22 *a	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R23 *b	1-249-435-11	s	RESISTOR CARBON 33K 1/4W
THP1 ⚠	1-762-254-21	s	SWITCH, POLY

MEM-98 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-957-A	o	MOUNTED CIRCUIT BOARD, MEM-98
3pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)(STEEL)
C1	1-113-500-11	s	CAPACITOR TANTALUM 100MF/10V
C2	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C3	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C4	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C7	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C8	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C9	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C10	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C11	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C12	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C13	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C14	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C15	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C16	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C17	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C18	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C19	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C100	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C101	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C102	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C103	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C104	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C105	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C107	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C108	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C109	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C110	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C111	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C112	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C113	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C114	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C115	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C116	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C117	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C118	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C119	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C120	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C121	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C122	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C150	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C151	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C152	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C153	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C154	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C155	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C156	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C157	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C158	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C159	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C160	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C161	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C162	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C163	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C164	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C165	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(MEM-98 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C166	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C167	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C168	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C169	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C170	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C171	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C172	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C190	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C191	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C192	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C193	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C194	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C200	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C201	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C202	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C203	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C205	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C206	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C207	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C208	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C210	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C211	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C212	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C213	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C214	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C215	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C216	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C217	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C218	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C219	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C220	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C221	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C222	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C250	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C251	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C252	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C253	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C255	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C256	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C257	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C258	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C260	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C261	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C262	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C263	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C264	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C265	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C266	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C267	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C268	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C269	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C270	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C271	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C272	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C290	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C291	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C292	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C293	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C300	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(MEM-98 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C301	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C302	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C303	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C305	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C306	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C307	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C308	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C310	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C311	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C312	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C313	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C314	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C315	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C316	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C317	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C318	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C319	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C320	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C321	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C322	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C350	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C351	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C352	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C353	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C355	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C356	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C357	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C358	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C360	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C361	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C362	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C363	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C364	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C365	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C366	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C367	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C368	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C369	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C370	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C371	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C372	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C390	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C391	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C392	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C393	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C500	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C501	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C502	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C503	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C504	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C505	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C506	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C507	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C508	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C601	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C602	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C603	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C606	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C608	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(MEM-98 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C609	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
CN2	1-793-093-11	o	CONNECTOR, BOARD TO BOARD 60P
CN3	1-764-092-11	o	PIN, CONNECTOR (PC BOARD) 7P
IC1	8-759-386-27	s	IC 74LCX04MTCX
IC2	8-759-660-98	s	IC NC7SZ02P5
IC3	8-759-660-98	s	IC NC7SZ02P5
IC4	8-759-660-98	s	IC NC7SZ02P5
IC5	8-759-660-98	s	IC NC7SZ02P5
IC6	8-759-660-98	s	IC NC7SZ02P5
IC7	8-759-660-98	s	IC NC7SZ02P5
IC8	8-759-660-98	s	IC NC7SZ02P5
IC9	8-759-660-98	s	IC NC7SZ02P5
IC10	8-759-660-98	s	IC NC7SZ02P5
IC100	8-759-651-59	s	IC SN74CBTLV3245APWR
IC101	8-759-651-59	s	IC SN74CBTLV3245APWR
IC102	8-759-651-59	s	IC SN74CBTLV3245APWR
IC103	8-759-651-59	s	IC SN74CBTLV3245APWR
IC104	8-759-651-59	s	IC SN74CBTLV3245APWR
IC105	8-759-651-59	s	IC SN74CBTLV3245APWR
IC106	8-759-651-59	s	IC SN74CBTLV3245APWR
IC107	8-759-651-59	s	IC SN74CBTLV3245APWR
IC108	8-759-651-59	s	IC SN74CBTLV3245APWR
IC109	8-759-651-59	s	IC SN74CBTLV3245APWR
IC110	8-759-595-53	s	IC MB81F643242B-10
IC150	8-759-651-59	s	IC SN74CBTLV3245APWR
IC151	8-759-651-59	s	IC SN74CBTLV3245APWR
IC152	8-759-651-59	s	IC SN74CBTLV3245APWR
IC153	8-759-651-59	s	IC SN74CBTLV3245APWR
IC154	8-759-651-59	s	IC SN74CBTLV3245APWR
IC155	8-759-651-59	s	IC SN74CBTLV3245APWR
IC156	8-759-651-59	s	IC SN74CBTLV3245APWR
IC157	8-759-651-59	s	IC SN74CBTLV3245APWR
IC158	8-759-651-59	s	IC SN74CBTLV3245APWR
IC159	8-759-651-59	s	IC SN74CBTLV3245APWR
IC160	8-759-595-53	s	IC MB81F643242B-10
IC190	8-759-386-26	s	IC 74LCX574MTCX
IC191	8-759-386-26	s	IC 74LCX574MTCX
IC192	8-759-386-26	s	IC 74LCX574MTCX
IC193	8-759-386-26	s	IC 74LCX574MTCX
IC194	8-759-386-26	s	IC 74LCX574MTCX
IC200	8-759-651-59	s	IC SN74CBTLV3245APWR
IC201	8-759-651-59	s	IC SN74CBTLV3245APWR
IC202	8-759-651-59	s	IC SN74CBTLV3245APWR
IC203	8-759-651-59	s	IC SN74CBTLV3245APWR
IC205	8-759-651-59	s	IC SN74CBTLV3245APWR
IC206	8-759-651-59	s	IC SN74CBTLV3245APWR
IC207	8-759-651-59	s	IC SN74CBTLV3245APWR
IC208	8-759-651-59	s	IC SN74CBTLV3245APWR
IC210	8-759-595-53	s	IC MB81F643242B-10
IC250	8-759-651-59	s	IC SN74CBTLV3245APWR
IC251	8-759-651-59	s	IC SN74CBTLV3245APWR
IC252	8-759-651-59	s	IC SN74CBTLV3245APWR
IC253	8-759-651-59	s	IC SN74CBTLV3245APWR
IC255	8-759-651-59	s	IC SN74CBTLV3245APWR
IC256	8-759-651-59	s	IC SN74CBTLV3245APWR
IC257	8-759-651-59	s	IC SN74CBTLV3245APWR
IC258	8-759-651-59	s	IC SN74CBTLV3245APWR
IC260	8-759-595-53	s	IC MB81F643242B-10

(MEM-98 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC290	8-759-386-26	s	IC 74LCX574MTCX
IC291	8-759-386-26	s	IC 74LCX574MTCX
IC292	8-759-386-26	s	IC 74LCX574MTCX
IC293	8-759-386-26	s	IC 74LCX574MTCX
IC300	8-759-651-59	s	IC SN74CBTLV3245APWR
IC301	8-759-651-59	s	IC SN74CBTLV3245APWR
IC302	8-759-651-59	s	IC SN74CBTLV3245APWR
IC303	8-759-651-59	s	IC SN74CBTLV3245APWR
IC305	8-759-651-59	s	IC SN74CBTLV3245APWR
IC306	8-759-651-59	s	IC SN74CBTLV3245APWR
IC307	8-759-651-59	s	IC SN74CBTLV3245APWR
IC308	8-759-651-59	s	IC SN74CBTLV3245APWR
IC310	8-759-595-53	s	IC MB81F643242B-10
IC350	8-759-651-59	s	IC SN74CBTLV3245APWR
IC351	8-759-651-59	s	IC SN74CBTLV3245APWR
IC352	8-759-651-59	s	IC SN74CBTLV3245APWR
IC353	8-759-651-59	s	IC SN74CBTLV3245APWR
IC355	8-759-651-59	s	IC SN74CBTLV3245APWR
IC356	8-759-651-59	s	IC SN74CBTLV3245APWR
IC357	8-759-651-59	s	IC SN74CBTLV3245APWR
IC358	8-759-651-59	s	IC SN74CBTLV3245APWR
IC360	8-759-595-53	s	IC MB81F643242B-10
IC390	8-759-386-26	s	IC 74LCX574MTCX
IC391	8-759-386-26	s	IC 74LCX574MTCX
IC392	8-759-386-26	s	IC 74LCX574MTCX
IC393	8-759-386-26	s	IC 74LCX574MTCX
IC500	8-759-586-33	s	IC XC4013XLA-09PQ208C
IC600	8-759-678-90	s	IC XC1802VQ44C
IC601	8-759-569-91	s	IC TLC7733IPWR
IC602	8-759-569-91	s	IC TLC7733IPWR
JC2	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC3	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC4	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC5	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC6	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC7	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC8	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC11	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC12	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC14	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
L1	1-424-743-21	s	COIL, CHOKE 10UH
L2	1-412-027-11	s	INDUCTOR,CHIP 2.2UH (3225)
L110	1-412-027-11	s	INDUCTOR,CHIP 2.2UH (3225)
L160	1-412-027-11	s	INDUCTOR,CHIP 2.2UH (3225)
L210	1-412-027-11	s	INDUCTOR,CHIP 2.2UH (3225)
L260	1-412-027-11	s	INDUCTOR,CHIP 2.2UH (3225)
L310	1-412-027-11	s	INDUCTOR,CHIP 2.2UH (3225)
L360	1-412-027-11	s	INDUCTOR,CHIP 2.2UH (3225)
L501	1-412-027-11	s	INDUCTOR,CHIP 2.2UH (3225)
R1	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R2	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R3	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R4	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R5	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R6	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R7	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R8	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R9	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R11	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W

(MEM-98 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R12	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R13	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R14	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R15	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R16	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R17	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R18	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R19	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R20	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R21	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R22	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R23	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R160	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R190	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R191	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R260	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R290	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R360	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R390	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R501	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R502	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R503	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R504	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R505	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R506	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R516	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R517	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R518	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R519	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R526	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R527	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R528	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R529	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R533	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R534	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R535	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R536	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R553	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R554	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R555	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R556	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R560	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R561	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R562	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R563	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R582	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R583	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R584	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R585	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R600	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R601	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R603	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R605	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R607	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R609	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R610	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R611	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R612	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R613	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)

(MEM-98 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB1	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB2	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB3	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB4	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB5	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB6	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB7	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB8	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB9	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB10	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB100	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB101	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB102	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB103	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB104	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB105	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB106	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB107	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB108	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB150	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB151	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB152	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB153	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB154	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB155	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB156	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB157	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB158	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB200	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB201	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB202	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB203	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB204	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB205	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB206	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB207	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB250	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB251	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB252	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB253	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB254	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB255	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB256	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB257	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB300	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB301	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB302	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB303	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB304	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB305	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB306	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB307	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB350	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB351	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB352	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB353	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB354	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB355	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB356	1-236-907-11	s	RESISTOR BLOCK 100K (1608)

(MEM-98 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB357	1-236-907-11	s	RESISTOR BLOCK 100K (1608)

NR-65 BOARD
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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-950-A	o	MOUNTED CIRCUIT BOARD, NR-65
C13	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C14	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C15	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C16	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C17	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C18	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C19	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C20	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C21	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C22	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C23	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C24	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C25	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C26	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C27	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C28	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C29	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C30	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C31	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C32	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C33	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C34	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C35	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C36	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C37	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C38	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C39	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C40	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C41	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C42	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C43	*b 1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V (CK)
C45	*b 1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V (CK)
C47	*b 1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V (CK)
C56	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C57	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C58	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C59	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C60	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C61	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C63	1-113-981-11	s	CAPACITOR TANTALUM 22MF/20V
C64	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
C65	1-113-981-11	s	CAPACITOR TANTALUM 22MF/20V
C66	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C67	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C68	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C69	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C70	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C71	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
CN1	1-774-998-21	o	CONNECTOR, BOARD TO BOARD 20P
CN2	1-695-207-21	o	PIN, CONNECTOR (PC BOARD) 6P
CN3	1-695-207-21	o	PIN, CONNECTOR (PC BOARD) 6P
CN4	1-695-207-21	o	PIN, CONNECTOR (PC BOARD) 6P

(NR-65 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FL1	1-234-588-21	s	FILTER, LOW PASS
FL2	1-234-589-21	s	FILTER, LOW PASS
FL3	1-234-588-21	s	FILTER, LOW PASS
FL4	1-234-589-21	s	FILTER, LOW PASS
FL5	1-234-588-21	s	FILTER, LOW PASS
FL6	1-234-589-21	s	FILTER, LOW PASS
IC1	8-759-485-79	s	IC TC7SET08FU (TE85L)
IC2	8-759-054-61	s	IC CLC505AJE
IC3	8-759-054-61	s	IC CLC505AJE
IC4	8-759-054-61	s	IC CLC505AJE
IC6	8-759-054-61	s	IC CLC505AJE
IC7	8-759-054-61	s	IC CLC505AJE
IC8	8-759-054-61	s	IC CLC505AJE
IC9	8-759-564-49	s	IC TC7W53FU-TE12R
IC10	8-759-564-49	s	IC TC7W53FU-TE12R
IC11	8-759-564-49	s	IC TC7W53FU-TE12R
IC12	8-759-564-49	s	IC TC7W53FU-TE12R
Q1	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q2	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q3	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q4	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q5	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q6	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q7	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q8	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q9	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q10	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q11	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q12	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q14	8-729-928-90	s	TRANSISTOR DTC114EE
Q15	8-729-928-90	s	TRANSISTOR DTC114EE
Q16	8-729-928-90	s	TRANSISTOR DTC114EE
Q17	8-729-928-90	s	TRANSISTOR DTC114EE
Q18	8-729-928-90	s	TRANSISTOR DTC114EE
Q19	8-729-928-90	s	TRANSISTOR DTC114EE
R1	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R3	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R4	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R5	*b 1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
	*a 1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R6	*b 1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
	*a 1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R7	*b 1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
	*a 1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R14	*b 1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
	*a 1-216-816-11	s	RESISTOR, CHIP 390 1/16W 1608
R15	*b 1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
	*a 1-216-816-11	s	RESISTOR, CHIP 390 1/16W 1608
R16	*b 1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
	*a 1-216-816-11	s	RESISTOR, CHIP 390 1/16W 1608
R19	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R24	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R29	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R32	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R33	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R34	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R35	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

(NR-65 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R36	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R37	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R38	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R39	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R40	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R41	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R42	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R43	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R44	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R45	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R46	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R47	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R48	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R49	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R50	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R51	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R52	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R53	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R54	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R55	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R56	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R57	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R58	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R59	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R60	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R61	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R62	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R63	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R64	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R65	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R66	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R67	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R68	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R69	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R70	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R71	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R72	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R73	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R74	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R75	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R76	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R77	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R78	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R79	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R80	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R81	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R82	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R85	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R86	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R87	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R92	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R93	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R94	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R96	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R97	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R98	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
RV1	1-241-260-11	s	RESISTOR ADJ 500 (CERMET)
RV2	1-241-260-11	s	RESISTOR ADJ 500 (CERMET)

(NR-65 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RV3	1-241-260-11	s	RESISTOR ADJ 500 (CERMET)

PA-226/226A/226B BOARD

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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
C1	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C2	1-113-992-11	s	CAPACITOR,TANTALUM 3.3MF/35V
C3	1-113-992-11	s	CAPACITOR,TANTALUM 3.3MF/35V
C4	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C5	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C7	1-113-986-11	s	CAPACITOR,TANTALUM 2.2MF/25V
C8	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C9	1-113-992-11	s	CAPACITOR,TANTALUM 3.3MF/35V
C10	1-104-912-11	s	CAPACITOR TANTALUM 3.3MF/16V
C11	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C12	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C13	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C15	1-162-909-11	s	CAP, SERAMIC 4.0PF CH 1608
C16	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C17	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C18	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C19	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C20	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C23	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C24	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C25	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C28	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C29	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C33	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C34	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C40	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C41	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C42	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C43	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C46	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C47	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C50	1-113-992-11	s	CAPACITOR,TANTALUM 3.3MF/35V
C51 *b	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25VF
C52 *b	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25VF
D1	8-719-820-41	s	DIODE 1SS302
D2	8-719-820-41	s	DIODE 1SS302
D3	8-719-024-81	s	DIODE 1SS300-TE85L
D4 *b	8-719-941-09	s	DIODE DAP202U
*a	8-719-024-81	s	DIODE 1SS300-TE85L
D5	8-719-820-41	s	DIODE 1SS302
DL1	1-234-593-21	s	DELAY LINE
DL2	1-234-592-21	s	DELAY LINE
IC2	8-759-660-97	s	IC NC7SZ00P5
IC3	8-759-054-61	s	IC CLC505AJE
IC4	8-759-054-61	s	IC CLC505AJE
IC5	8-759-660-97	s	IC NC7SZ00P5
IC6	8-759-260-55	s	IC TLC272CPW (E05)
IC7	8-759-562-60	s	IC SN74CBTS3306PWR
IC8	8-759-054-61	s	IC CLC505AJE
IC9	8-759-054-61	s	IC CLC505AJE
IC10	8-759-564-49	s	IC TC7W53FU-TE12R
IC11	8-759-075-53	s	IC LM35DM [for PA-226A board]
L4	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)

(PA-226/226A/226B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L5	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
Q1	8-729-421-71	s	TRANSISTOR 2SK620
Q2	8-729-116-64	s	TRANSISTOR 2SK508-K51
Q3	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q4	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q7	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q8	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q9	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q10	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q11	8-729-143-14	s	TRANSISTOR 2SC4176-B35
R1	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R2	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R3	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R4	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R5	1-216-847-11	s	RESISTOR, CHIP 150K 1/16W 1608
R6	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R7	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R8	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R9	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R10	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R11	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R12	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R13	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R14	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R15	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R16	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R17	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R18	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R19	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R20	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R25	1-216-811-11	s	RESISTOR, CHIP 150 1/16W(1608)
R26	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R27	1-216-811-11	s	RESISTOR, CHIP 150 1/16W(1608)
R28	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R29	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R33	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R35	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R38	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R41	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R42	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R43	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R44	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R45	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R46	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R47	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R48	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608
R49	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R51	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R52	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R53	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R54	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R55	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R57	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R58	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R64	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R65	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R66	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R67	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)

(PA-226/226A/226B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R69	1-216-820-11	s	RESISTOR, CHIP 820 1/16W 1608
R70	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R71	1-216-820-11	s	RESISTOR, CHIP 820 1/16W 1608
R74	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R75	1-216-847-11	s	RESISTOR, CHIP 150K 1/16W 1608
R76	1-216-847-11	s	RESISTOR, CHIP 150K 1/16W 1608
R77	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R78	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R79	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R81	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R82	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R83	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R86	1-216-821-11	s	RESISTOR, CHIP 1.0K 1/16W (1608) [for PA-226A board]
R90	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R91	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)

PR-248 BOARD
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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-962-A	o	MOUNTED CIRCUIT BOARD, PR-248
C1	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C2	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C3	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C4	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C5	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C6	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C7	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C8	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C9	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C10	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C11	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C12	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C13	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C14	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C15	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C16	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C17	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C18	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C19	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C20	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C21	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C22	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C23	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C24	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C25	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C26	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C27	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C28	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C29	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C32	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C33	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C34	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C100	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C101	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C102	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C103	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C104	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C105	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C106	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C107	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C108	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C109	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C110	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C111	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C112	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C113	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C114	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C115	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C116	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C117	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C118	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C119	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V

(PR-248 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C120	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C121	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C122	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C123	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C124	1-113-987-11	s	CAPACITOR TANTALUM 4.7MF/25V
C125	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C126	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C127	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C128	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C129	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C130	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C131	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C132	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C133	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C134	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C135	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C136	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C137	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C138	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C139	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C140	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C141	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C142	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C143	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C144	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C145	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C146	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C147	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C148	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C149	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C150	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C304	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C305	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C306	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C307	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C308	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C309	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C310	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C311	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C312	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C313	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C314	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C315	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C316	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C317	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C319	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C320	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C400	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C401	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C402	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C403	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C404	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C405	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C406	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C407	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C408	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C409	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C410	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C411	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(PR-248 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C412	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C413	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C414	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C415	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C416	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C417	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C418	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C419	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C420	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C421	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C422	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C423	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C424	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C425	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C426	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C427	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C428	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C429	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C432	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C434	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C435	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C436	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C439	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C440	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C441	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C442	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C500	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C501	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C502	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C503	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C504	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C505	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C506	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C507	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C508	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C509	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C510	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C511	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C512	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C513	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C514	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C515	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C516	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C517	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C518	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C519	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C520	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C521	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C522	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C523	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C524	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C525	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C526	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C527	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C528	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C529	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C530	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C531	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C532	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(PR-248 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C533	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C534	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C535	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C536	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C537	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C538	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C539	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C540	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C541	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C542	1-162-975-11	s	CAPACITOR,CERAMIC 24PF/50V CH
C543	1-162-975-11	s	CAPACITOR,CERAMIC 24PF/50V CH
C544	1-162-975-11	s	CAPACITOR,CERAMIC 24PF/50V CH
C545	1-162-975-11	s	CAPACITOR,CERAMIC 24PF/50V CH
C546	1-162-975-11	s	CAPACITOR,CERAMIC 24PF/50V CH
C547	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C548	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C549	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C550	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C551	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C552	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C553	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C554	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C555	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C556	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C557	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C558	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C559	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C560	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C561	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C562	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C563	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C564	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C565	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C566	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C600	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C601	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C602	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C603	1-113-500-11	s	CAPACITOR TANTALUM 100MF/10V
C604	1-113-500-11	s	CAPACITOR TANTALUM 100MF/10V
C605	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C606	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C607	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C608	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
CN3	1-778-535-11	o	CONNECTOR, FFC (ZIF) 45P
CN4	1-778-535-11	o	CONNECTOR, FFC (ZIF) 45P
CN5	1-580-557-11	o	PIN, CONNECTOR (PC BOARD) 4P
D100	8-719-041-68	s	DIODE RD3.3UH(1)-T1
D101	8-719-041-68	s	DIODE RD3.3UH(1)-T1
D102	8-719-059-59	s	DIODE MA3J74200LSO
FL500	1-234-591-21	s	FILTER, LOW PASS
FL501	1-234-591-21	s	FILTER, LOW PASS
FL502	1-234-591-21	s	FILTER, LOW PASS
FL503	1-234-591-21	s	FILTER, LOW PASS
FL504	1-234-590-21	s	FILTER, LOW PASS
IC3	8-759-182-95	s	IC HD151015T
IC4	8-759-497-31	s	IC LC35256DT-70-TLM
IC5 *b	8-759-660-22	s	IC SN74HCT04APW (R)
*a	8-759-050-51	s	IC SN74HCT04APW (E2)

(PR-248 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC6	8-759-076-06	s	IC TL064CPW
IC7	8-759-082-61	s	IC TC4W53FU
IC8	8-759-918-65	s	IC TL7700CPS
IC9	8-759-082-61	s	IC TC4W53FU
IC10	8-759-082-61	s	IC TC4W53FU
IC11	8-759-456-26	s	IC 74LCX541MTCX
IC12	8-759-575-66	s	IC NC7SZ86P5
IC101	8-759-575-32	s	IC NC7SZ66P5X
IC102	8-759-575-32	s	IC NC7SZ66P5X
IC103	8-759-386-27	s	IC 74LCX04MTCX
IC109	8-759-051-49	s	IC SN74HCT541APW (R)
IC111	8-759-051-49	s	IC SN74HCT541APW (R)
IC112	8-759-660-97	s	IC NC7SZ00P5
IC113	8-759-260-55	s	IC TLC272CPW (E05)
IC115	8-759-669-75	s	IC TLC2932IPWR
IC116	8-759-363-17	s	IC TC7ST32FU (TE85R)
IC117	8-759-260-55	s	IC TLC272CPW (E05)
IC119	8-759-363-17	s	IC TC7ST32FU (TE85R)
IC120	8-759-472-35	s	IC 74VHC221AMTCX
IC123	8-759-274-66	s	IC LM4040BIM3-5.0
IC124	8-759-466-55	s	IC 74LCX74MTCX
IC125	8-759-470-51	s	IC MB88141APFV-ER
IC126	8-759-660-98	s	IC NC7SZ02P5
IC127	8-759-660-98	s	IC NC7SZ02P5
IC128	8-759-660-98	s	IC NC7SZ02P5
IC129 *b	8-759-466-55	s	IC 74LCX74MTCX
IC302	8-759-456-26	s	IC 74LCX541MTCX
IC307	8-759-389-30	s	IC 74LCX32MTCX
IC402	8-759-386-26	s	IC 74LCX574MTCX
IC403	8-759-386-26	s	IC 74LCX574MTCX
IC404	8-759-447-77	s	IC TC7WH74FU (TR12R)
IC405	8-759-386-26	s	IC 74LCX574MTCX
IC406	8-759-386-26	s	IC 74LCX574MTCX
IC408	8-759-466-56	s	IC 74LCX86MTCX
IC409	8-759-553-53	s	IC NC7SZ125P5
IC410	8-759-599-93	s	IC NC7SZ08P5
IC411	8-759-447-77	s	IC TC7WH74FU (TR12R)
IC412	8-759-553-53	s	IC NC7SZ125P5
IC413	8-759-662-38	s	IC 74VHCT08AMTCX
IC414	8-759-599-93	s	IC NC7SZ08P5
IC415	8-759-082-61	s	IC TC4W53FU
IC416	8-759-082-61	s	IC TC4W53FU
IC417 *b	8-759-669-91	s	IC TLC7733IPWR-12
*a	8-759-569-91	s	IC TLC7733IPWR
IC500	8-752-375-98	s	IC CXD2315Q
IC501	8-752-375-98	s	IC CXD2315Q
IC502	8-752-375-98	s	IC CXD2315Q
IC503	8-752-375-98	s	IC CXD2315Q
IC504	8-752-375-98	s	IC CXD2315Q
IC505	8-759-660-98	s	IC NC7SZ02P5
IC507	8-759-575-32	s	IC NC7SZ66P5X
IC508	8-759-575-32	s	IC NC7SZ66P5X
IC509	8-759-575-66	s	IC NC7SZ86P5
IC510	8-759-575-66	s	IC NC7SZ86P5
IC600	8-759-575-66	s	IC NC7SZ86P5
IC601	8-759-575-66	s	IC NC7SZ86P5
IC602	8-759-553-53	s	IC NC7SZ125P5
IC603	8-759-553-53	s	IC NC7SZ125P5
IC604	8-759-660-98	s	IC NC7SZ02P5

(PR-248 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L1	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L2	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L3	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L4	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L5	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L100	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L101	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L102	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L103	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L104	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L105	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L106	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L107	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L108	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L302	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L303	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L400	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L401	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L402	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L403	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L404	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L405	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L406	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L407	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L408	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L409	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L410	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L500	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L501	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L502	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L600	1-424-743-21	s	COIL, CHOKE 10UH
L601	1-424-743-21	s	COIL, CHOKE 10UH
L602	1-424-743-21	s	COIL, CHOKE 10UH
Q100	8-729-101-07	s	TRANSISTOR 2SB798
Q101	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q400	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q401	8-729-117-32	s	TRANSISTOR 2SC4177
Q500	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q501	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q502	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q503	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q504	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q505	8-729-144-07	s	TRANSISTOR 2SC4184-T43 (0.16W)
Q506	8-729-144-07	s	TRANSISTOR 2SC4184-T43 (0.16W)
Q507	8-729-144-07	s	TRANSISTOR 2SC4184-T43 (0.16W)
Q508	8-729-144-07	s	TRANSISTOR 2SC4184-T43 (0.16W)
Q509	8-729-144-07	s	TRANSISTOR 2SC4184-T43 (0.16W)
R2	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R3	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R4	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R6	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R7	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R9	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R10	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R11	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R12	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R13	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R14	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)

(PR-248 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R15	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R16	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R17	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R18	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R19	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R20	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R21	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R22	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R23	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R24	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R25	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R26	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R27	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R28	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R29	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R100	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R102	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R103	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R104	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R105	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R106	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R107	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R108	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R109	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R110	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R112	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R113	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R114	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R115	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R117	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R119	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R120	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R121	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R122	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R123	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R124	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R125	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R126	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R128	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R129	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R130	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R131	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R132	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R133	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R134	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R135	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R136	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R137	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R138	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R139	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R140	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R141	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R142	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R143	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R145	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R146	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R147	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R148	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R309	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)

(PR-248 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R310	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R311	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R312	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R313	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R314	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R315	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R316	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R317	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R318	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R319	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R320	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R321	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R323	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R324	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R325	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R326	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R400	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R401	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R402	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R417	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R420	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
*a R423	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R428	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R431	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R432	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R433	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R434	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R435	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R436	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R437	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R439	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R440	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R500	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R501	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R502	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R503	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R504	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R506	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R508	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R509	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R511	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R512	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R514	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R515	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R516	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R518	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R519	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R520	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R521	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R522	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R523	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R524	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R525	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R526	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R527	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R528	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R529	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R530	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R531	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)

(PR-248 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R532	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R533	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R534	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R535	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R536	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R537	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R538	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R539	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R540	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R541	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R542	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R543	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R544	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R545	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R546	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R547	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R548	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R549	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R550	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R551	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R552	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R553	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R554	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R555	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R556	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R557	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R558	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R559	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R561	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R563	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R564	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R565	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R566	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R567	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R568	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R569	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R604	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R605	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R606	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R607	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R608	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R609	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R610	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
RB1	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB2	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB3	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB4	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB5	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB6	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB7	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB8	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB9	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB10	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RB300	1-234-397-11	s	NETWORK, RES (8 GANG) 100K
RV1	1-237-034-11	s	RESISTOR,ADJ,CERMET 2K
RV2	1-237-034-11	s	RESISTOR,ADJ,CERMET 2K
RV3	1-237-034-11	s	RESISTOR,ADJ,CERMET 2K
RV4	1-237-034-11	s	RESISTOR,ADJ,CERMET 2K

PR-249 BOARD
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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-963-A	o	MOUNTED CIRCUIT BOARD, PR-249
C101	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C102	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C103	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C104	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C105	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C107	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C108	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C109	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C110	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C111	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C112	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C113	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C201	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C202	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C203	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C204	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C205	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C206	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C207	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C208	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C209	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C210	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C212	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C213	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C214	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C215	1-127-676-11	s	CAPACITOR,CHIP CERAMIC 100MF F
C216	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C217	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C218	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C301	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C302	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C303	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C304	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C305	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C306	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C307	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C308	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C309	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C310	1-127-676-11	s	CAPACITOR,CHIP CERAMIC 100MF F
C311	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C312	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C401	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C402	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C403	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C404	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C405	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C406	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C407	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C408	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C409	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(PR-249 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C410	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C411	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C412	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C413	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C414	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C415	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C416	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C417	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C418	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C419	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C420	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C421	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C422	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C423	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C424	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C425	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C427	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C428	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C429	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C430	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C431	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C432	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C433	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C434	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C437	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C438	1-113-500-11	s	CAPACITOR TANTALUM 100MF/10V
C439	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C440	1-113-500-11	s	CAPACITOR TANTALUM 100MF/10V
C443	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C444	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C445	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C501	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C502	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C503	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C504	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C505	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C506	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C507	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C508	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C509	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C510	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C511	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C512	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C601	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C602	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C603	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C604	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C605	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C606	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C607	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C608	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C609	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C610	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C611	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C612	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C613	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C614	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C615	1-127-676-11	s	CAPACITOR,CHIP CERAMIC 100MF F
C616	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

(PR-249 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C617	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C618	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C701	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C702	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C703	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C704	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C705	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C706	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C707	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C708	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C709	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C710	1-127-676-11	s	CAPACITOR,CHIP CERAMIC 100MF F
C711	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C712	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C801	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C803	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C804	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C805	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C806	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C807	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C808	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C809	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C810	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C811	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C812	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C813	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C814	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C815	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C816	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C817	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C818	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C819	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C820	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C821	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C822	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C823	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C824	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C825	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C826	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C827	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C828	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C829	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C830	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
CN2	1-569-532-11	s	CONNECTOR 30P
IC102	8-759-389-30	s	IC 74LCX32MTCX
IC202	8-759-575-65	s	IC NC7SZ32P5
IC203	8-759-599-93	s	IC NC7SZ08P5
IC254	8-759-466-55	s	IC 74LCX74MTCX
IC255	8-759-660-98	s	IC NC7SZ02P5
IC257	8-759-660-98	s	IC NC7SZ02P5
IC404	8-759-918-65	s	IC TL7700CPS
IC405	8-759-389-48	s	IC 74LCX16374MTDX
IC406	8-759-599-93	s	IC NC7SZ08P5
IC408 *b	8-759-969-69	s	IC TLC7733IPWR-12
*a	8-759-569-91	s	IC TLC7733IPWR
IC409	8-759-553-53	s	IC NC7SZ125P5
IC410	8-759-553-53	s	IC NC7SZ125P5
IC601	8-759-389-30	s	IC 74LCX32MTCX

(PR-249 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC603	8-759-447-77	s	IC TC7WH74FU (TR12R)
IC604	8-759-575-65	s	IC NC7SZ32P5
IC606	8-759-599-93	s	IC NC7SZ08P5
IC803	8-759-389-48	s	IC 74LCX16374MTDX
IC804	8-759-386-25	s	IC 74LCX245MTCX
IC805	8-759-466-56	s	IC 74LCX86MTCX
IC806	8-759-553-53	s	IC NC7SZ125P5
IC807	8-759-575-65	s	IC NC7SZ32P5
IC808	8-759-553-53	s	IC NC7SZ125P5
JC102	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC103	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC201	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC202	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC203	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC205	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC401	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC502	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC503	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC601	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC602	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC603	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC605	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
JC801	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
L101	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L201	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L301	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L302	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L401	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L402	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L403	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L404	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L405	1-424-743-21	s	COIL, CHOKE 10UH
L406	1-424-743-21	s	COIL, CHOKE 10UH
L407	1-424-743-21	s	COIL, CHOKE 10UH
L408	1-424-743-21	s	COIL, CHOKE 10UH
L501	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L601	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L701	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L702	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L801	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L802	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L803	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L804	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
R101	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R103	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R104	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R105	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R106	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R201	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R202	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R203	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R204	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R206	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R207	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R208	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R406	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R409	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R412	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

(PR-249 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R414	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R415	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R416	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R417	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R419	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R420	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R421	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R422	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R423	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R424	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R425	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R440	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R441 *a	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R501	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R502	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R503	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R504	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R601	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R602	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R603	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R604	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R605	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R606	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R607	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R608	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R609	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R610	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R612	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R801	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R802	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R808	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R810	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R811	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
RB6	1-239-389-11	s	RESISTOR,NETWORK 47K (1608)

PS-553 BOARD

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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-960-A	o	MOUNTED CIRCUIT BOARD, PS-553
1pc	3-629-588-01	o	RUBBER (PS2), RADIATION
1pc	3-629-607-01	o	PANEL(PS), PC BOARD
1pc	3-629-608-01	o	PLATE(PS2), HEAT RESISTING
1pc	3-629-609-01	o	SPRING(PS2), HEAT RESISTING
4pcs	3-165-162-01	s	SCREW(+P2.6X5)(TYPE 1) (ST)
1pc	3-612-329-01	o	SHEET,INSULATOR
2pcs	3-612-334-01	o	PULL LEVER
7pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)(STEEL)
2pcs	7-688-001-12	s	WASHER W2, MIDDLE
C3	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C4	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C5	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C6	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C21	1-127-820-11	s	CAPACITOR, SQUARE CHIP 4.7MF
C22	1-127-820-11	s	CAPACITOR, SQUARE CHIP 4.7MF
C23	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C24	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C25	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C26	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C27	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C28	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C41 *b	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C42 *b	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C101	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C102	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C103	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C104	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C107	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C108	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C109	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C112	1-125-988-11	s	CAPACITOR, ELECT 330MF/25V
C113	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C114	1-128-399-11	s	CAPACITOR ELECT 330MF/16V(CHIP
C115	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C116	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C117	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C118	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C119	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C151	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C152	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C153	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C154	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C155	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C156	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C157	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C158	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C183	1-125-988-11	s	CAPACITOR, ELECT 330MF/25V
C186	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C187	1-128-399-11	s	CAPACITOR ELECT 330MF/16V(CHIP
C188	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C189	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C214	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V

(PS-553 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C215	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C216	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C217	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C218	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C219	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C220	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C221	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C224	1-125-988-11	s	CAPACITOR, ELECT 330MF/25V
C225	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C226	1-128-399-11	s	CAPACITOR ELECT 330MF/16V(CHIP
C227	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C228	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C251	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C252	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C253	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C254	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C255	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C256	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C257	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C260	1-125-988-11	s	CAPACITOR, ELECT 330MF/25V
C261	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C262	1-128-399-11	s	CAPACITOR ELECT 330MF/16V(CHIP
C263	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C264	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C301	1-135-149-21	s	CAPACITOR TANTALUM 2.2MF/10V
C302	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C305	1-135-181-21	s	CAPACITOR TANTALUM 4.7MF/6.3V
C306	1-135-181-21	s	CAPACITOR TANTALUM 4.7MF/6.3V
C307	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C308	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C309	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C310	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C311	1-164-739-11	s	CAPACITOR CERAMIC 560PF (1608)
C312	1-110-501-11	s	CAPACITOR CERAMIC 0.33MF/16V
C314	1-110-501-11	s	CAPACITOR CERAMIC 0.33MF/16V
C315	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C316	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C317	1-127-820-11	s	CAPACITOR, SQUARE CHIP 4.7MF
C318	1-127-820-11	s	CAPACITOR, SQUARE CHIP 4.7MF
C319	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C320	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C321	1-127-820-11	s	CAPACITOR, SQUARE CHIP 4.7MF
C322	1-127-820-11	s	CAPACITOR, SQUARE CHIP 4.7MF
C323	1-127-820-11	s	CAPACITOR, SQUARE CHIP 4.7MF
C324	1-127-820-11	s	CAPACITOR, SQUARE CHIP 4.7MF
C351	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C352	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C353	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C354	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C355	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C356	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C357	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C360	1-125-988-11	s	CAPACITOR, ELECT 330MF/25V
C361	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C362	1-128-399-11	s	CAPACITOR ELECT 330MF/16V(CHIP
C363	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C364	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
D1	8-719-404-35	s	DIODE MA141WK

(PS-553 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D2	8-719-404-35	s	DIODE MA141WK
D3	8-719-404-35	s	DIODE MA141WK
D4	8-719-404-35	s	DIODE MA141WK
D21	8-719-404-35	s	DIODE MA141WK
D22	8-719-404-35	s	DIODE MA141WK
D23	8-719-404-35	s	DIODE MA141WK
D24 *b	8-719-404-35	s	DIODE MA141WK
D40	8-719-404-35	s	DIODE MA141WK
D101	8-719-404-35	s	DIODE MA141WK
D102	8-719-046-87	s	DIODE F1J6
D151	8-719-404-35	s	DIODE MA141WK
D152	8-719-046-87	s	DIODE F1J6
D202	8-719-404-35	s	DIODE MA141WK
D203	8-719-046-87	s	DIODE F1J6
D251	8-719-404-35	s	DIODE MA141WK
D252	8-719-046-87	s	DIODE F1J6
D253	8-719-029-68	s	ZENER DIODE RD6.2UJN-T1
D302	8-719-046-87	s	DIODE F1J6
D303	8-719-046-87	s	DIODE F1J6
D351	8-719-404-35	s	DIODE MA141WK
D352	8-719-046-87	s	DIODE F1J6
FB101	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB102	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB103	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB104 *a	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB105	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB106 *a	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB107	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB108 *a	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB151	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB152	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB153	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB154 *a	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB155	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB156 *a	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB157	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB158 *a	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB206	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB207	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB208	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB209 *a	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB210	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB211 *a	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB251	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB252	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB253	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB254	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB255	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB256	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB301	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB302	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB303	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB304	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB351	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB352	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB353	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB354	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB355	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)

(PS-553 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB356	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
IC1	8-759-076-87	s	IC TLC27L4CPW
IC21	8-759-076-87	s	IC TLC27L4CPW
IC22 *b	8-759-711-59	s	IC NJM78L05UA-TE1
*a	8-759-711-58	s	IC NJM78L05UA
IC151	8-759-058-58	s	IC TC7S04FU-TE85R
IC201	8-759-082-57	s	IC TC7W04FU
IC250	8-759-058-58	s	IC TC7S04FU-TE85R
IC301	8-759-082-53	s	IC TLC274CPW
IC302	8-759-908-95	s	IC TL1451CNS
L100	1-414-617-11	s	INDUCTOR (POWER) 10UH
L101	1-414-617-11	s	INDUCTOR (POWER) 10UH
L102	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L103	1-414-617-11	s	INDUCTOR (POWER) 10UH
L151	1-414-617-11	s	INDUCTOR (POWER) 10UH
L152	1-414-617-11	s	INDUCTOR (POWER) 10UH
L202	1-414-993-21	s	INDUCTOR (POWER) 47UH
L203	1-414-617-11	s	INDUCTOR (POWER) 10UH
L251	1-424-743-21	s	COIL, CHOKE 10UH
L252	1-424-743-21	s	COIL, CHOKE 10UH
L301	1-412-987-31	s	INDUCTOR (SMALL TYPE) 4.70UH
L302	1-424-743-21	s	COIL, CHOKE 10UH
L303	1-424-743-21	s	COIL, CHOKE 10UH
L304	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L305	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L306	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L307	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L351	1-424-743-21	s	COIL, CHOKE 10UH
L352	1-424-743-21	s	COIL, CHOKE 10UH
Q42	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q101	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q102	8-729-045-16	s	TRANSISTOR SI4410DY-T1-REVA
Q103	8-729-045-16	s	TRANSISTOR SI4410DY-T1-REVA
Q104	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q151	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q152	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q153	8-729-045-16	s	TRANSISTOR SI4410DY-T1-REVA
Q154	8-729-045-16	s	TRANSISTOR SI4410DY-T1-REVA
Q202	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q203	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q204	8-729-046-85	s	TRANSISTOR SI9945AEY-T1
Q250	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q251	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q252	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q253	8-729-046-85	s	TRANSISTOR SI9945AEY-T1
Q301	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q302	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q303	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q305	8-729-101-07	s	TRANSISTOR 2SB798
Q306	8-729-101-07	s	TRANSISTOR 2SB798
Q351	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q352	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q353	8-729-046-85	s	TRANSISTOR SI9945AEY-T1
R1 *b	1-216-847-11	s	RESISTOR,CHIP 150K 1/16W 1608
R2	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R3	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R6	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R7	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608

(PS-553 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R9	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R10	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R12	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R13 *b	1-216-863-11	s	RESISTOR,CHIP 3.3M 1/16W 1608
R14 *b	1-216-863-11	s	RESISTOR,CHIP 3.3M 1/16W 1608
R15 *b	1-216-863-11	s	RESISTOR,CHIP 3.3M 1/16W 1608
R16 *b	1-216-863-11	s	RESISTOR,CHIP 3.3M 1/16W 1608
R17 *b	1-216-863-11	s	RESISTOR,CHIP 3.3M 1/16W 1608
R18	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R19	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R20	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R21	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R22	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R24	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R25	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R27	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R28	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R29	1-216-847-11	s	RESISTOR, CHIP 150K 1/16W 1608
R30	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608
R32	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R33	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R35	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R38 *b	1-218-732-11	s	RESISTOR,CHIP,47K 1/16W(1608)
R39 *b	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R43	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R103	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R104	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R105	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R106	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R108	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R109	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R110	1-218-729-11	s	RESISTOR,CHIP 36K 1/16W(1608)
R111	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R112	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R113	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R114	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R151	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R152	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R153 *b	1-216-827-11	s	RESISTOR,CHIP 3.3K 1/16W (1608)
*a	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R154	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R156	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R157	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R158	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R159	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R182	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R183	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R184	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R185	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R212	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R213	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R214	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R215	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R216	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R218	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R219	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R220	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R221	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R222	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

(PS-553 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R223	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R224	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R225	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R252	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R253	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R254	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R255	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R256	1-216-860-11	s	RESISTOR,CHIP 1.8M 1/16W 1698
R257	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R258	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R259	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R260	1-218-729-11	s	RESISTOR,CHIP 36K 1/16W(1608)
R261	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R262	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R301	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R302	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R303	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R304	1-218-725-11	s	RESISTOR,CHIP 24K 1/16W(1608)
R305	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R306	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R307	1-218-725-11	s	RESISTOR,CHIP 24K 1/16W(1608)
R308	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R309	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R310	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R311	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R312	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R313	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R314	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R315	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R316	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R317	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R318	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R319	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R320	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R321	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R322	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R323	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R324	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R325	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R351	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R352	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R353	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R354	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R355	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R357	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R358	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R359	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R360	1-218-736-11	s	RESISTOR,CHIP 68K 1/16W(1608)
R361	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R362	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R363	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
THP1	⚠ 1-533-817-21	s	FUSE

PS-554 BOARD
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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-964-A	o	MOUNTED CIRCUIT BOARD, PS-554
1pc	3-629-587-01	o	RUBBER (PS1), RADIATION
1pc	3-629-590-01	o	PLATE(PS), HEAT RESISTING
4pcs	3-165-162-01	s	SCREW(+P2.6X5)(TYPE 1) (ST)
C1	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C2	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C3	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C4	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C5	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C6	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C7	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C8	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C9	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C10	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C13	1-125-988-11	s	CAPACITOR, ELECT 330MF/25V
C14	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C15	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C16	1-128-391-11	s	CAPACITOR,ELECT 330MF/6.3V
C17	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C51	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C52	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C53	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C54	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C55	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C56	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C59	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C60	1-125-988-11	s	CAPACITOR, ELECT 330MF/25V
C61	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C62	1-128-399-11	s	CAPACITOR ELECT 330MF/16V(CHIP
C63	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C64	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C101	1-113-994-11	s	CAPACITOR TANTALUM 6.8MF/16V
C102	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C103	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C104	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C105	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C106	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C107	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C108	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C111	1-125-988-11	s	CAPACITOR, ELECT 330MF/25V
C112	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C113	1-128-399-11	s	CAPACITOR ELECT 330MF/16V(CHIP
C114	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C115	1-137-688-91	s	CAP, CHIP CERAMIC 47MF B 5750
C150	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C153	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C154	*b 1-135-070-91	s	CAPACITOR TANTALUM 0.1MF/35V
C155	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C156	1-107-685-11	s	CAPACITOR TANTALUM 15MF/6.3V
C157	1-125-988-11	s	CAPACITOR, ELECT 330MF/25V
C158	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C159	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C160	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C161	1-110-501-11	s	CAPACITOR CERAMIC 0.33MF/16V

(PS-554 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C162	1-110-501-11	s	CAPACITOR CERAMIC 0.33MF/16V
C163	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C164	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C165	1-110-501-11	s	CAPACITOR CERAMIC 0.33MF/16V
C166	1-110-501-11	s	CAPACITOR CERAMIC 0.33MF/16V
C167	1-164-739-11	s	CAPACITOR CERAMIC 560PF (1608)
C198	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C199	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C201	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C202	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C203 *b	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C204	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C205	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
CN1	1-580-539-11	o	PIN, CONNECTOR (PC BOARD) 20P
D1	8-719-404-35	s	DIODE MA141WK
D2	8-719-046-87	s	DIODE F1J6
D3	8-719-029-61	s	DIODE RD3.6UH-T1
D51	8-719-404-35	s	DIODE MA141WK
D52	8-719-046-87	s	DIODE F1J6
D101	8-719-404-35	s	DIODE MA141WK
D102	8-719-046-87	s	DIODE F1J6
D151	8-719-046-87	s	DIODE F1J6
D152	8-719-046-87	s	DIODE F1J6
D201	8-719-404-35	s	DIODE MA141WK
D202	8-719-404-35	s	DIODE MA141WK
D203	8-719-404-35	s	DIODE MA141WK
D204	8-719-404-35	s	DIODE MA141WK
D205 *b	8-719-404-35	s	DIODE MA141WK
FB1	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB2	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB3	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB4	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB5	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB6	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB51	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB52	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB53	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB54	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB55	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB56	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB57	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB58	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB101	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB102	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB103	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB104	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB105	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB106	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB152	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB153	1-414-864-11	s	INDUCTOR, MICRO (CHIP TYPE)
IC101	8-759-082-57	s	IC TC7W04FU
IC151	8-749-016-45	s	IC FA7610CN-TE2
IC200 *b	8-759-711-59	s	IC NJM78L05UA-TE1
*a	8-759-711-58	s	IC NJM78L05UA
IC201	8-759-076-06	s	IC TL064CPW
L1	1-414-521-11	s	INDUCTOR, SMALL TYPE 10.0UH
L2	1-414-529-21	s	INDUCTOR (POWER)

(PS-554 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L3	1-414-617-11	s	INDUCTOR (POWER) 10UH
L4	1-414-617-11	s	INDUCTOR (POWER) 10UH
L51	1-414-617-11	s	INDUCTOR (POWER) 10UH
L52	1-414-617-11	s	INDUCTOR (POWER) 10UH
L101	1-414-529-21	s	INDUCTOR (POWER)
L102	1-414-617-11	s	INDUCTOR (POWER) 10UH
L151	1-424-743-21	s	COIL, CHOKE 10UH
L152	1-424-743-21	s	COIL, CHOKE 10UH
Q1	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q2	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q3	8-729-046-85	s	TRANSISTOR SI9945AEY-T1
Q51	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q52	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q53	8-729-045-16	s	TRANSISTOR SI4410DY-T1-REVA
Q54	8-729-045-16	s	TRANSISTOR SI4410DY-T1-REVA
Q100	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q101	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q102	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q103	8-729-046-85	s	TRANSISTOR SI9945AEY-T1
Q151	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q152	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q153 *b	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q154	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
R3	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R6	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R7	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R8	1-216-863-11	s	RESISTOR,CHIP 3.3M 1/16W 1608
R9	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R10	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R11	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R12	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R13	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R14	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R15	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R51	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R52	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R53	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R55	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R56	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R57	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R58	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R59	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R60	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R61	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R62	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R101	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R102	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R103	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R104	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R106	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R107	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R108	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R109	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R110	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R111	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R112	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R113	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W

(PS-554 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R198	*b 1-216-863-11	s	RESISTOR,CHIP 3.3M 1/16W 1608
R199	*b 1-216-863-11	s	RESISTOR,CHIP 3.3M 1/16W 1608
R200	*b 1-216-863-11	s	RESISTOR,CHIP 3.3M 1/16W 1608
R150	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R151	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R152	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R153	1-218-750-11	s	RESISTOR,CHIP 270K 1/16W(1608)
R154	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R155	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R156	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R157	1-216-855-11	s	RESISTOR, CHIP 680K 1/16W 1608
R158	1-218-726-11	s	RESISTOR CHIP 27K 1/16W (1608)
R159	1-216-851-11	s	RESISTOR,CHIP 330K 1/16W 1608
R160	1-216-848-11	s	RESISTOR,CHIP 180K 1/16 (1608)
R161	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R162	1-216-792-11	s	RESISTOR,CHIP 3.9 1/16W(1608)
R163	1-216-792-11	s	RESISTOR,CHIP 3.9 1/16W(1608)
R164	1-216-792-11	s	RESISTOR,CHIP 3.9 1/16W(1608)
R165	1-216-792-11	s	RESISTOR,CHIP 3.9 1/16W(1608)
R166	1-216-854-11	s	RESISTOR, CHIP 560K 1/16W 1608
R167	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R201	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R202	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R203	1-218-725-11	s	RESISTOR,CHIP 24K 1/16W(1608)
R205	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R206	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R208	1-218-734-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R209	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
T151	1-435-777-11	s	TRANSFORMER, DC-DC CONVERTER

SH-69 BOARD
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*a: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-951-A	o	MOUNTED CIRCUIT BOARD, SH-69
C1	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C2	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C3	1-127-966-11	s	CAPACITOR,FILM 0.0015MF (2012)
C4	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C5	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C6	1-127-950-11	s	CAPACITOR,CHIP FILM 0.01MF
C7	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C8	1-127-952-11	s	CAPACITOR,FILM 0.022MF (3216)
C9	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C10	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C11	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C12	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C13	1-127-966-11	s	CAPACITOR,FILM 0.0015MF (2012)
C14	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C15	1-127-950-11	s	CAPACITOR,CHIP FILM 0.01MF
C16	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C17	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C18	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C19	1-127-966-11	s	CAPACITOR,FILM 0.0015MF (2012)
C20	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C21	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C22	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C23	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C24	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C25	1-127-966-11	s	CAPACITOR,FILM 0.0015MF (2012)
C26	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C27	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C28	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C29	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C30	1-127-966-11	s	CAPACITOR,FILM 0.0015MF (2012)
C31	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C32	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C33	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C34	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C35	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C36	1-127-966-11	s	CAPACITOR,FILM 0.0015MF (2012)
C37	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C38	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C42	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C43	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C44	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C45	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C46	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C47	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C48	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C49	1-127-965-11	s	CAPACITOR,CHIP FILM 0.001MF
C50	1-127-965-11	s	CAPACITOR,CHIP FILM 0.001MF
C51	1-127-965-11	s	CAPACITOR,CHIP FILM 0.001MF
C53	1-127-952-11	s	CAPACITOR,FILM 0.022MF (3216)
CN1	1-793-071-21	o	CONNECTOR, BOARD TO BOARD 22P
CN2	1-793-066-21	o	CONNECTOR, BOARD TO BOARD 10P
CN3	1-695-443-21	o	PIN, CONNECTOR (PC BOARD) 11P
FB1	*a 1-414-760-21	s	INDUCTOR, MICRO (CHIP TYPE)

(SH-69 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB2	*a 1-414-760-21	s	INDUCTOR, MICRO (CHIP TYPE)
FB3	*a 1-414-760-21	s	INDUCTOR, MICRO (CHIP TYPE)
FB4	*a 1-414-760-21	s	INDUCTOR, MICRO (CHIP TYPE)
FB5	*a 1-414-760-21	s	INDUCTOR, MICRO (CHIP TYPE)
FB6	*a 1-414-760-21	s	INDUCTOR, MICRO (CHIP TYPE)
FB7	*a 1-414-760-21	s	INDUCTOR, MICRO (CHIP TYPE)
FB8	*a 1-414-760-21	s	INDUCTOR, MICRO (CHIP TYPE)
FB9	*a 1-414-760-21	s	INDUCTOR, MICRO (CHIP TYPE)
FB10	*a 1-414-760-21	s	INDUCTOR, MICRO (CHIP TYPE)
IC1	8-759-485-79	s	IC TC7SET08FU (TE85L)
IC3	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC4	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC5	8-759-076-06	s	IC TL064CPW
IC6	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC7	8-759-076-06	s	IC TL064CPW
IC8	8-759-173-16	s	IC TL062CPW
IC9	8-759-064-36	s	IC MB88346BPFV
IC10	8-759-064-36	s	IC MB88346BPFV
IC11	8-759-064-36	s	IC MB88346BPFV
IC12	8-759-064-36	s	IC MB88346BPFV
IC13	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC14	8-759-076-06	s	IC TL064CPW
IC15	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC16	8-759-287-54	s	IC TL084CPW (E20)
IC17	8-759-547-54	s	IC TC7SET00FU(TE85R)
IC18	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC19	8-759-185-42	s	IC LM4040AIM3-2.5
IC20	8-759-173-16	s	IC TL062CPW
IC21	8-759-491-51	s	IC TC74VHCT245AFT(EL)
IC22	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC23	8-759-547-54	s	IC TC7SET00FU(TE85R)
IC25	8-759-485-79	s	IC TC7SET08FU (TE85L)
Q1	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q2	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q3	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q4	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q5	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q6	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q7	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q8	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q9	8-729-820-86	s	TRANSISTOR 2SB1121-ST
Q10	8-729-120-21	s	TRANSISTOR 2SD1614-T1XL
R1	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R3	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R4	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R5	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R7	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R8	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R9	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R10	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R11	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R12	1-216-851-11	s	RESISTOR,CHIP 330K 1/16W 1608
R13	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R14	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R17	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R18	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R23	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)

(SH-69 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R24	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R25	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R26	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R28	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R29	1-216-851-11	s	RESISTOR,CHIP 330K 1/16W 1608
R30	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R31	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R32	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R33	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R34	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R35	1-216-851-11	s	RESISTOR,CHIP 330K 1/16W 1608
R36	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R37	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R40	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R41	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R42	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R43	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R44	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R45	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R46	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R47	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R48	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R49	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R50	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R51	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R52	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R53	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R54	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R55	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R56	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R57	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R58	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R59	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R60	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R61	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R62	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R63	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R64	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R71	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R73	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R75	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R77	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608
R78	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608
R79	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608
R80	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R81	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R82	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R83	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R84	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R85	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R86	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R87	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R88	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R89	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R90	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R91	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R92	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R93	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R94	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608

(SH-69 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R95	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R96	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R97	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R98	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R99	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R100	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R101	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R102	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R103	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R104	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R105	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R106	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R107	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R108	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R109	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R111	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R113	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R114	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R116	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R117	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R118	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R119	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R120	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608

SW-936 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-667-992-13	o	PRINTED WIRING BOARD, SW-936
CN1	1-580-561-11	o	PIN, CONNECTOR (PC BOARD) 12P
CN2	1-580-558-11	o	PIN, CONNECTOR (PC BOARD) 6P
D1	8-719-801-78	s	DIODE 1SS184
S1	1-771-348-11	s	SWITCH, TACTILE
S2	1-771-348-11	s	SWITCH, TACTILE
S3	1-771-348-11	s	SWITCH, TACTILE

SW-937 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8317-858-A	o	MOUNTED CIRCUIT BOARD, SW-937
CN1	1-580-558-11	o	PIN, CONNECTOR (PC BOARD) 6P
R1	1-216-017-91	s	RESISTOR, CHIP 47 1/10W(2012)
R2	1-216-017-91	s	RESISTOR, CHIP 47 1/10W(2012)
R3	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R4	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R6	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R8	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R10	1-216-295-00	s	CONDUCTOR, CHIP (2012)
S1	1-570-612-11	s	SWITCH,TOGGLE

SW-1008 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8327-160-A	o	MOUNTED CIRCUIT BOARD, SW-1008
CN1	1-580-539-11	o	PIN, CONNECTOR (PC BOARD) 20P
CN2	1-580-533-11	o	PIN, CONNECTOR (PC BOARD) 8P
D1	8-719-106-43	s	DIODE RD9.1M-B1
D2	8-719-801-78	s	DIODE 1SS184
D3	8-719-801-78	s	DIODE 1SS184
D4	8-719-801-78	s	DIODE 1SS184
D5	8-719-801-78	s	DIODE 1SS184
R1	1-216-065-91	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R2	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R3	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
S1	1-771-313-11	s	SWITCH, TOGGLE
S2	1-762-241-11	s	SWITCH, TOGGLE
S3	1-762-241-11	s	SWITCH, TOGGLE
S4	1-762-241-11	s	SWITCH, TOGGLE
S5	1-762-241-11	s	SWITCH, TOGGLE
S6	1-762-491-11	s	SWITCH, TOGGLE
S7	1-473-315-11	s	ENCODER, ROTARY (SWITCH)
S8	1-762-242-12	s	SWITCH, TOGGLE

SW-1009 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-677-791-11	o	PRINTED WIRING BOARD, SW-1009
CN2	1-506-467-11	o	PIN,CONNECTOR 2P
CN3	1-580-533-11	o	PIN, CONNECTOR (PC BOARD) 8P
D1	8-719-801-78	s	DIODE 1SS184
D2	8-719-801-78	s	DIODE 1SS184
S1	1-554-396-00	s	SWITCH,TOGGLE
S2	1-554-395-00	s	SWITCH,TOGGLE
S3	1-570-995-11	s	SWITCH, KEY BOARD

SW-1010 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-677-792-11	o	PRINTED WIRING BOARD, SW-1010
CN1	1-506-467-11	o	PIN,CONNECTOR 2P
S1	1-554-303-21	s	SWITCH, KEY BOARD

SW-1011 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-677-793-11	o	PRINTED WIRING BOARD, SW-1011
CN1	1-580-532-11	o	PIN,CONNECTOR(PC BOARD)6P
D1	8-719-801-78	s	DIODE 1SS184
D2	8-719-801-78	s	DIODE 1SS184
S1	1-554-303-21	s	SWITCH, KEY BOARD
S2	1-554-303-21	s	SWITCH, KEY BOARD
S3	1-554-303-21	s	SWITCH, KEY BOARD

TG-194 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8317-779-A	o	MOUNTED CIRCUIT BOARD, TG-194
C1	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C2	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C3	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C4	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C5	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C6	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C7	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C8	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C9	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C10	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C11	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C12	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C13	1-162-911-11	s	CAPACITOR,CERAMIC 6PF/50V 1608
C14	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C15	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C16	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C17	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C18	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C19	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C22	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C23	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C24	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
C25	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C26	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C27	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C28	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C29	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C30	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C31	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C32	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C33	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C34	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C35	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C36	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C37	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C38	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C39	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C40	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C41	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C42	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C43	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C44	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C45	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C46	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C47	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C48	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C49	1-162-908-11	s	CAPACITOR,CERAMIC 3PF/50V 1608
C50	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C51	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C52	1-135-210-11	s	CAPACITOR,TANTALUM 4.7MF/10V
C53	1-135-181-21	s	CAPACITOR TANTALUM 4.7MF/6.3V
C54	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C55	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C56	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C57	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C58	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C59	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(TG-194 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C60	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C61	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C62	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C63	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C64	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C65	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C66	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C67	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C68	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C69	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
CN2	1-568-357-11	o	CONNECTOR, BOARD TO BOARD 16P
CN3	1-568-357-11	o	CONNECTOR, BOARD TO BOARD 16P
CN4	1-568-357-11	o	CONNECTOR, BOARD TO BOARD 16P
D1	8-719-820-41	s	DIODE 1SS302
D2	8-719-820-41	s	DIODE 1SS302
D4	8-719-059-59	s	DIODE MA3J74200LSO
D5	8-719-820-41	s	DIODE 1SS302
D6	8-719-820-41	s	DIODE 1SS302
D7	8-719-820-41	s	DIODE 1SS302
D8	8-719-820-41	s	DIODE 1SS302
D9	8-719-059-59	s	DIODE MA3J74200LSO
IC1	8-759-058-54	s	IC TC7S00FU-TE85R
IC2	8-759-061-88	s	IC MAX454CSD
IC3	8-759-061-99	s	IC LM6365M
IC4	8-759-058-64	s	IC TC7S32FU-TE85R
IC5	8-759-082-61	s	IC TC4W53FU
IC6	8-752-337-04	s	IC CXD1176Q
IC7	8-759-058-54	s	IC TC7S00FU-TE85R
IC9	8-759-052-64	s	IC M6M80011AFP
IC10	8-759-058-56	s	IC TC7S02FU(TE85R)
IC11	8-759-058-62	s	IC TC7S08FU-TE85R
IC13	8-759-669-53	s	IC TLC274CPWR-12
IC14	8-759-082-61	s	IC TC4W53FU
IC15	8-759-112-66	s	IC UPC812G2
IC16	8-759-058-64	s	IC TC7S32FU-TE85R
IC17	8-759-058-62	s	IC TC7S08FU-TE85R
IC19	8-759-058-62	s	IC TC7S08FU-TE85R
IC20	8-759-050-39	s	IC SN74HC574APW-EL
IC22	8-759-276-00	s	IC TC7W139FU (TE12R)
IC23	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC26	8-759-576-10	o	IC H8/532-OHB750A-1.02
IC27	8-759-080-93	s	IC M6M80041FP
IC28	8-759-253-32	s	IC CXD8888R
IC29	8-759-659-93	s	IC SN74HC02APWR
IC30	8-759-058-62	s	IC TC7S08FU-TE85R
IC31	8-759-058-62	s	IC TC7S08FU-TE85R
IC32	8-759-682-44	s	IC K6T1008C2E-TB55T
IC33	8-759-058-56	s	IC TC7S02FU(TE85R)
IC34	8-759-049-81	s	IC SN74HC541APWR
IC35	8-759-049-79	s	IC SN74HC245APWR
IC36	8-759-058-54	s	IC TC7S00FU-TE85R
IC37	8-759-277-63	s	IC TC7W14FU (TE12R)
IC38	8-759-058-54	s	IC TC7S00FU-TE85R
IC39	8-759-082-58	s	IC TC7W08FU
IC40	8-759-659-85	s	IC SN74HC32APWR
IC41	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC42	8-759-487-51	s	IC HN58C257AT10
IC44	8-759-050-06	s	IC SN74HC157APW

(TG-194 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IS12	1-540-224-11	o	SOCKET, IC
IS24	1-540-224-11	o	SOCKET, IC
L1	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L2	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L3	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L4	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L5	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L6	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L7	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
Q1	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q2	8-729-026-32	s	TRANSISTOR XP6534-TX
Q3	8-729-026-32	s	TRANSISTOR XP6534-TX
Q4	8-729-117-32	s	TRANSISTOR 2SC4177
Q5	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q6	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q7	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q8	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q9	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
R1	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R3	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R4	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R5	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R6	1-216-791-11	s	RESISTOR,CHIP 3.3 1/16W 1608
R7	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R8	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R9	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R10	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R11	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R12	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R13	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R14	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R15	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R16	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R17	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R18	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R19	1-216-791-11	s	RESISTOR,CHIP 3.3 1/16W 1608
R20	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R21	1-218-686-11	s	RESISTOR CHIP 560 1/16W (1608)
R22	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R23	1-216-791-11	s	RESISTOR,CHIP 3.3 1/16W 1608
R24	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R25	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R26	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R27	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R28	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R29	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R30	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R31	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R32	1-218-644-11	s	RESISTOR,CHIP 10 1/16W
R33	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R34	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R35	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R36	1-218-726-11	s	RESISTOR CHIP 27K 1/16W (1608)
R37	1-218-727-11	s	RESISTOR,CHIP 30K 1/16W(1608)
R38	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R39	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R40	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)

(TG-194 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R41	1-218-711-11	s	RESISTOR,METAL 6.2K 1/16W
R42	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R43	1-218-719-11	s	RESISTOR,METAL 13K 1/16
R44	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
R45	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R46	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R47	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R48	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R49	1-218-687-11	s	RESISTOR CHIP 620 1/16W (1608)
R50	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R51	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R52	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R53	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R54	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R55	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R56	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R57	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R58	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R59	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R60	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R61	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R62	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R65	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R66	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R67	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R68	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R69	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R70	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R71	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R72	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R73	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R74	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R75	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R76	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R77	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R78	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R79	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R80	1-218-726-11	s	RESISTOR CHIP 27K 1/16W (1608)
R81	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R82	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R83	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R84	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R85	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R86	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R87	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R88	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R89	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R90	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R91	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R92	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R93	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R94	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R95	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R96	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
RB1	1-239-419-11	s	NETWORK RESISTOR 470 (1608)
RB2	1-239-419-11	s	NETWORK RESISTOR 470 (1608)
RB3	1-239-419-11	s	NETWORK RESISTOR 470 (1608)
RB4	1-239-419-11	s	NETWORK RESISTOR 470 (1608)
RB5	1-239-419-11	s	NETWORK RESISTOR 470 (1608)

(TG-194 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB6	1-239-419-11	s	NETWORK RESISTOR 470 (1608)
RB7	1-239-428-11	s	NETWORK RESISTOR 3.3K (1608)
RB8	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB9	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB10	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB11	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB12	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB13	1-239-389-11	s	RESISTOR,NETWORK 47K (1608)
RB14	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RV1	1-237-038-11	s	RESISTOR,ADJ,CERMET 50K
RV2	1-237-033-11	s	RESISTOR,ADJ,CERMET 1K
S1	1-572-005-11	s	SWITCH,TACTIL(REFLOW TYPE)
S2	1-572-005-11	s	SWITCH,TACTIL(REFLOW TYPE)
S3	1-571-304-11	s	SWITCH, CHIP

TG-203A BOARD
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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	*1 A-8327-404-A	o	MOUNTED CIRCUIT BOARD, TG-203A
C1	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C9	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C10	1-113-990-11	s	CAPACITOR TANTALUM 15MF/16V
C11	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C12	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C13	1-126-392-11	s	CAPACITOR,CHIP ELECT100MF/6.3V
C14	1-104-608-11	s	CAPACITOR, ELECT 33MF/6.3V
C15	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C16	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C17	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C20	1-127-564-11	s	CAPACITOR ELECT 150MF/6.3V
C21	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C22	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C23	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C24	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C25	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C28	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C29	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C30	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C31	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C32	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C33	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C34	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C36	1-107-884-11	s	CAPACITOR,ELECT 1000MF/16V
C37	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C40	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C42	1-127-518-11	s	CAPACITOR,ELECT 100MF/16V
C45	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C46	1-107-690-11	s	CAPACITOR TANTALUM 6.8MF/35V
C47	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C48	1-135-212-21	s	CAPACITOR TANTALUM 2.2MF/35V
C49	1-126-398-11	s	CAPACITOR ELECT 4.7MF/35V(CHIP
C50	1-126-399-11	s	CAPACITOR ELECT 10MF/35V(CHIP)
C51	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C52	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C53	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C54	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C55	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C56	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C57	1-107-690-11	s	CAPACITOR TANTALUM 6.8MF/35V
C58	1-135-212-21	s	CAPACITOR TANTALUM 2.2MF/35V
C59	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C60	1-107-690-11	s	CAPACITOR TANTALUM 6.8MF/35V
C61	1-135-212-21	s	CAPACITOR TANTALUM 2.2MF/35V

Ref. No. or Q'ty	Part No.	SP	Description
C63	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C64	1-113-994-11	s	CAPACITOR TANTALUM 6.8MF/16V
C65	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C66	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C67	1-126-399-11	s	CAPACITOR ELECT 10MF/35V(CHIP)
C68	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C71	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C72	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C73	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C74	1-126-399-11	s	CAPACITOR ELECT 10MF/35V(CHIP)
C75	*b 1-104-823-11	s	CAPACITOR,TANTALUM 47MF/16V
	*a 1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C76	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C77	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C78	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C79	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C80	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C81	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C82	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C83	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C84	*a 1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C85	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C86	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C87	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C88	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C89	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C91	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C93	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C94	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C95	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C96	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C99	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C100	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C101	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C103	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C104	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C105	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C106	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C107	*b 1-115-156-11	s	CAPACITOR CERAMIC 1MF/10V (1608)
	*a 1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C108	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C109	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C110	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C111	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C112	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C113	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C114	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C115	*a 1-135-212-21	s	CAPACITOR TANTALUM 2.2MF/35V
C116	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C117	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V

(TG-203A BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C118	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C119	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
CN2	1-793-067-21	o	CONNECTOR, BOARD TO BOARD 12P
CN3	1-793-068-21	o	CONNECTOR, BOARD TO BOARD 14P
CN4	1-580-564-11	o	PIN,CONNECTOR (PC BOARD) 18P
CN6	1-764-092-11	o	PIN, CONNECTOR (PC BOARD) 7P
CN8	1-691-906-31	s	CONNECTOR, BOARD TO BOARD 16P
CN9	1-691-906-31	s	CONNECTOR, BOARD TO BOARD 16P
CN10	1-691-906-31	s	CONNECTOR, BOARD TO BOARD 16P
D1	8-719-820-41	s	DIODE 1SS302
D2	8-719-820-41	s	DIODE 1SS302
D3	8-719-820-41	s	DIODE 1SS302
D4	8-719-210-43	s	DIODE EC10QS06
D5	8-719-024-81	s	DIODE 1SS300-TE85L
D6	8-719-820-41	s	DIODE 1SS302
D7	8-719-820-41	s	DIODE 1SS302
D9	8-719-029-77	s	ZENER DIODE RD15UJN-T1
D10	8-719-029-73	s	DIODE RD10UJN-T1
D11	8-719-029-65	s	DIODE RD4.7UJN-T1
D12	8-719-029-55	s	ZENER DIODE RD2.0UH-T1
D13	8-719-029-55	s	ZENER DIODE RD2.0UH-T1
DL1	1-415-887-11	s	DELAY LINE
DL2	1-416-206-11	s	DELAY LINE
DL3	1-415-881-11	s	DELAY LINE, PULSE
DL4	1-234-362-11	s	DELAY LINE
FB1	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB2	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB3	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB4	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB5	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB6	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB7	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB8	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB9	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB10	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB11	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB12	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB13	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB14	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB15	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB16	1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB17	1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB18	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB19	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB20	*a 1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB21	1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
FB22	1-414-656-11	s	INDUCTOR, MICRO (CHIP TYPE)
IC4	*b 8-759-669-71	s	IC PCF8591T
	*a 8-759-057-06	s	IC PCF8591T
IC5	8-759-147-84	s	IC CXD8072Q
IC6	8-759-058-58	s	IC TC7S04FU-TE85R
IC8	8-759-173-16	s	IC TL062CPW
IC9	8-759-185-42	s	IC LM4040AIM3-2.5
IC10	8-759-173-16	s	IC TL062CPW
IC11	8-759-173-16	s	IC TL062CPW
IC14	8-759-979-69	s	IC TSC426C0A
IC15	8-759-064-36	s	IC MB88346BPFV

(TG-203A BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC16	8-759-185-42	s	IC LM4040AIM3-2.5
IC17	8-759-076-06	s	IC TL064CPW
IC20	8-759-058-62	s	IC TC7S08FU-TE85R
IC21	8-759-058-64	s	IC TC7S32FU-TE85R
IC22	8-759-058-62	s	IC TC7S08FU-TE85R
IC24	*b 8-759-589-10	o	EPM7128ATC100-10
IC25	8-759-260-55	s	IC TLC272CPW (E05)
IC39	8-759-172-33	s	IC UPD16502GS(1)
IC40	8-759-172-33	s	IC UPD16502GS(1)
IC41	8-759-172-33	s	IC UPD16502GS(1)
IC44	8-759-564-61	s	IC NC7SZ00P5X
IC45	8-759-599-93	s	IC NC7SZ08P5
IC46	8-759-575-65	s	IC NC7SZ32P5
IC47	8-759-599-93	s	IC NC7SZ08P5
IC48	8-759-599-93	s	IC NC7SZ08P5
IC49	8-759-471-96	s	IC 74VHC08MTCX
IC50	8-759-471-96	s	IC 74VHC08MTCX
IC51	8-759-564-61	s	IC NC7SZ00P5X
IC52	8-759-386-27	s	IC 74LCX04MTCX
IC53	8-759-599-93	s	IC NC7SZ08P5
IC54	8-759-599-93	s	IC NC7SZ08P5
IC55	8-759-599-93	s	IC NC7SZ08P5
IC56	8-759-466-55	s	IC 74LCX74MTCX
IC57	8-759-386-27	s	IC 74LCX04MTCX
L1	1-414-400-11	s	INDUCTOR, 22UH
L2	1-414-400-11	s	INDUCTOR, 22UH
L3	1-414-400-11	s	INDUCTOR, 22UH
L4	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L5	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L6	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L7	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L8	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L9	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L10	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
Q2	8-729-820-86	s	TRANSISTOR 2SB1121-ST
Q5	8-729-820-86	s	TRANSISTOR 2SB1121-ST
Q6	8-729-120-21	s	TRANSISTOR 2SD1614-T1XL
Q9	8-729-820-86	s	TRANSISTOR 2SB1121-ST
Q10	8-729-120-21	s	TRANSISTOR 2SD1614-T1XL
Q13	8-729-122-63	s	TRANSISTOR 2SA1226-E4
Q14	8-729-421-71	s	TRANSISTOR 2SK620
Q15	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
R1	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R2	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R3	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R4	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R5	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R6	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R7	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R8	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R9	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R10	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R11	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R12	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R13	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R14	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R16	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R18	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608

(TG-203A BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R19	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R27	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R28	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R31	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R34	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R36	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R37	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R40	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R45	1-218-714-11	s	RESISTOR,CHIP 8.2K 1/16W(1608)
R46	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R47	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R48	1-216-812-11	s	RESISTOR,CHIP 180 1/16W 1608
R54	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R56	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R57	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R58	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R59	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R62	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R63	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
R64	1-218-717-11	s	RESISTOR,CHIP 11K 1/16W (1608)
R65	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R66	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R67	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R69	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R70	1-216-812-11	s	RESISTOR,CHIP 180 1/16W 1608
R73	1-216-812-11	s	RESISTOR,CHIP 180 1/16W 1608
R76	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R80	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R83	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R84	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R86	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R87	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R88	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R90	1-216-812-11	s	RESISTOR,CHIP 180 1/16W 1608
R93	1-216-812-11	s	RESISTOR,CHIP 180 1/16W 1608
R98	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R99	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R100	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R101	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R102	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R103	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R110	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R111	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R112	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R113	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R114	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R115	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R116	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R118	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R119	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R121	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R122	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R123	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R125	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R126	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R127	1-216-799-11	s	RESISTOR, CHIP 15 1/16W 1608
R128	1-216-799-11	s	RESISTOR, CHIP 15 1/16W 1608
R131	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R135	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)

(TG-203A BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R136	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R138	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R139	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R141	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R142	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R143	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R144	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R145	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R146	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R151	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R152	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R153	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R154	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R162	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R165	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R166	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R167	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R168	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R169	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R170	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R171	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R172	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R173	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R174	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R175	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R180	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R182	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R183	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R184	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R185	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R186	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R187	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R191	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R192	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R197	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R198	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R200	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R201	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R203	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R205	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R206	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R207	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R208	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R209	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R210	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R211	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R212	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R213	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R217	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R218	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R219	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R224	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R225 *b	1-216-864-11	s	RESISTOR,CHIP 0 1/16W(1608)
*a	1-216-789-11	s	RESISTOR,CHIP 2.2 1/16W(1608)
R226	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R227	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R228	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R229	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R230	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

(TG-203A BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R231	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R232	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R233	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R234	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R235	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R236	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R237	1-216-812-11	s	RESISTOR,CHIP 180 1/16W 1608
R238	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R239	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R240	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R241	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R242	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R243	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R244	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R245	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R301	*b 1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R302	*b 1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R303	*b 1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R304	*b 1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R305	*b 1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R306	*b 1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R307	*b 1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R308	*b 1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R309	*b 1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R310	*b 1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R311	*b 1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R312	*b 1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R313	*b 1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R314	*b 1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R315	*b 1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
S1	1-692-270-41	s	SWITCH, SLIDE
X1	1-795-081-11	s	OSCILLATOR, CRYSTAL

VA-189 BOARD

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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-953-A	o	MOUNTED CIRCUIT BOARD, VA-189
C1	*b 1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH
C2	*b 1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH
C3	*b 1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH
C4	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C5	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C6	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C7	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C8	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C9	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C10	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C11	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C12	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C13	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C14	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C15	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C16	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C17	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C18	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C19	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C20	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C21	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C22	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C23	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C24	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C25	*b 1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C28	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C29	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C30	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C31	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C32	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C33	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C34	*a 1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C35	*a 1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C36	*a 1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V(CK)
C37	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C38	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C39	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C40	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C41	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C42	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C43	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C44	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C45	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C46	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C47	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C48	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C52	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C53	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C54	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C55	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C56	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C57	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V

(VA-189 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C85	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C86	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C87	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C88	1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH
C89	1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH
C90	1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH
C92	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C94	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C96	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C97	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C98	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C99	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C100	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C101	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C102	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C103	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C104	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C105	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C107	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C108	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C109	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C110	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C111	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C112	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C113	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C114	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C115	1-135-333-11	s	CAPACITOR TANTALUM 1MF/16V
C116	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C117	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C119	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C121	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C122	1-162-909-11	s	CAPACITOR,CERAMIC 4PF/50V CH
C123	1-164-739-11	s	CAPACITOR CERAMIC 560PF (1608)
C124	1-135-214-21	s	CAPACITOR TANTAL 4.7MF/20V
C126	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C127	1-135-333-11	s	CAPACITOR TANTALUM 1MF/16V
C129	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C130	1-119-751-11	s	CAPACITOR,TANTALUM 22MF/16V
C132	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C133	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C134	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C135	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C136	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C137	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C138	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C139	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C140 *b	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V (CK)
*a	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C141 *b	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V (CK)
*a	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C142 *b	1-162-907-11	s	CAPACITOR,CERAMIC 2PF/50V (CK)
*a	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C338 *b	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
CN1	1-793-055-21	o	CONNECTOR, BOARD TO BOARD 14P
CN5	1-793-053-21	o	CONNECTOR, BOARD TO BOARD 10P
CN6	1-815-064-21	o	CONNECTOR, BOARD TO BOARD 22P
CN7	1-793-054-21	o	CONNECTOR, BOARD TO BOARD 12P
CN8	1-580-535-11	o	PIN, CONNECTOR (PC BOARD) 12P

(VA-189 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN9	1-815-143-11	o	CONNECTOR, BOARD TO BOARD 20P
D1	8-719-029-64	s	DIODE RD4.7UH-T1
D2	8-719-029-64	s	DIODE RD4.7UH-T1
D3 *b	8-719-920-41	s	DIODE 1SS302
FL1	1-234-588-21	s	FILTER, LOW PASS
IC1	8-759-485-79	s	IC TC7SET08FU (TE85L)
IC2	8-759-485-79	s	IC TC7SET08FU (TE85L)
IC3	8-759-054-61	s	IC CLC505AJE
IC4	8-759-054-61	s	IC CLC505AJE
IC5	8-759-054-61	s	IC CLC505AJE
IC6	8-759-173-16	s	IC TL062CPW
IC7	8-759-173-16	s	IC TL062CPW
IC8	8-759-173-16	s	IC TL062CPW
IC9	8-759-054-61	s	IC CLC505AJE
IC10	8-759-054-61	s	IC CLC505AJE
IC11	8-759-054-61	s	IC CLC505AJE
IC12 *b	8-759-669-66	s	IC TLC272CPWR
*a	8-759-173-16	s	IC TL062CPW
IC13 *b	8-759-669-66	s	IC TLC272CPWR
*a	8-759-173-16	s	IC TL062CPW
IC14 *b	8-759-669-66	s	IC TLC272CPWR
*a	8-759-173-16	s	IC TL062CPW
IC15	8-759-058-54	s	IC TC7S00FU-TE85R
IC16	8-759-058-54	s	IC TC7S00FU-TE85R
IC17	8-759-058-54	s	IC TC7S00FU-TE85R
IC18	8-752-052-73	s	IC CXA1451M
IC19	8-752-052-73	s	IC CXA1451M
IC20	8-752-052-73	s	IC CXA1451M
IC25	8-759-054-61	s	IC CLC505AJE
IC26	8-759-054-61	s	IC CLC505AJE
IC27	8-759-054-61	s	IC CLC505AJE
IC28	8-759-054-61	s	IC CLC505AJE
IC29	8-759-064-36	s	IC MB88346BPFV
IC30	8-759-147-84	s	IC CXD8072Q
IC31	8-759-547-54	s	IC TC7SET00FU(TE85R)
IC32	8-759-185-42	s	IC LM4040AIM3-2.5
IC33	8-759-173-16	s	IC TL062CPW
IC36	8-759-564-49	s	IC TC7W53FU-TE12R
IC37	8-759-547-54	s	IC TC7SET00FU(TE85R)
IC38	8-759-054-61	s	IC CLC505AJE
IC39	8-759-547-54	s	IC TC7SET00FU(TE85R)
IC40	8-759-054-61	s	IC CLC505AJE
IC44	8-759-564-49	s	IC TC7W53FU-TE12R
IC45 *a	8-759-564-49	s	IC TC7W53FU-TE12R
IC46	8-759-564-49	s	IC TC7W53FU-TE12R
IC47 *a	8-759-564-49	s	IC TC7W53FU-TE12R
IC48	8-759-564-49	s	IC TC7W53FU-TE12R
IC49 *a	8-759-564-49	s	IC TC7W53FU-TE12R
IC50	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC51	8-759-547-54	s	IC TC7SET00FU(TE85R)
L1	1-411-755-11	s	COIL, CHOKE 47UH
L2	1-411-755-11	s	COIL, CHOKE 47UH
Q1	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q2	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q3	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q4	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q5	8-729-143-07	s	TRANSISTOR 2SA1610-Y33

(VA-189 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q6	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q7	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q8	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q9	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q10	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q11	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q12	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q13	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q14	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q15	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q16	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q17	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q18	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q19	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q20	8-729-821-88	s	TRANSISTOR 2SK1332-3
*b Q21	8-729-821-88	s	TRANSISTOR 2SK1332-3
*b Q22	8-729-821-88	s	TRANSISTOR 2SK1332-3
*b Q23	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q30	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q31	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q32	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q33	8-729-928-36	s	TRANSISTOR DTA114EE
Q34	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q35	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q36	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q37	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q38	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q39	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q43	8-729-928-36	s	TRANSISTOR DTA114EE
Q45	8-729-820-86	s	TRANSISTOR 2SB1121-ST
Q46	8-729-120-21	s	TRANSISTOR 2SD1614-T1XL
Q47	8-729-928-36	s	TRANSISTOR DTA114EE
Q48	8-729-928-36	s	TRANSISTOR DTA114EE
Q49	8-729-928-36	s	TRANSISTOR DTA114EE
Q50	8-729-928-36	s	TRANSISTOR DTA114EE
Q51	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q52	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q53	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q54	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q55	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q56	8-729-928-36	s	TRANSISTOR DTA114EE
Q57	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
R1	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R3	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R4	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R5	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R6	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R7	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R8	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R9	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R10	1-216-850-11	s	RESISTOR,CHIP 270K 1/16W 1608
R11 *b	1-216-850-11	s	RESISTOR,CHIP 270K 1/16W 1608
R12 *b	1-216-850-11	s	RESISTOR,CHIP 270K 1/16W 1608
R13 *b	1-216-850-11	s	RESISTOR,CHIP 270K 1/16W 1608
R23 *b	1-218-686-11	s	RESISTOR,CHIP 560 1/16W(1608)
*a	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R24 *b	1-218-686-11	s	RESISTOR,CHIP 560 1/16W(1608)
*a	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)

(VA-189 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R25 *b	1-218-815-11	s	RESISTOR,CHIP 330 1/16W 1608
*a	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R27	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R28	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R29	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R30	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R31	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R32	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R33	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R34	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R35	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R36	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R37	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R38	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R40	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R41	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R42	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R43	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R44	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R45	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R46 *b	1-216-864-11	s	RESISTOR,CHIP 0 1/16W
*a	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R47 *b	1-216-864-11	s	RESISTOR,CHIP 0 1/16W
*a	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R48 *b	1-216-864-11	s	RESISTOR,CHIP 0 1/16W
*a	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R49	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R50	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R51	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R52 *b	1-216-857-11	s	RESISTOR, CHIP 1M 1/16W (1608)
R55	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R56	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R57	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R58	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R59	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R60	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R61	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R62	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R63	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R64	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R65	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R66	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R67	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R68	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R69	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R70	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R71	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R72	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R73	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R74	1-218-689-11	s	RESISTOR CHIP 750 1/16W (1608)
R75	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R76	1-218-690-11	s	RESISTOR,CHIP 820 1/16W (1608)
R77	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R78	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R79	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R80	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R81	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R85	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R86	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)

(VA-189 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R87	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R88	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R89	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R90	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R91	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R92	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R93	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R94	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R95	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R96	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R97	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R98	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R99	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R100	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R101	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R102	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R103 *b	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W (1608)
*a	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R104 *b	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W (1608)
*a	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R105 *b	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W (1608)
*a	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R106 *a	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R107 *a	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R108 *a	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R112	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R113	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R114	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R115	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R116	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R117	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R118	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R119	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R120	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R136	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R137	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R138	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R139	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R140	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R141	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R151	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R152	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R153	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R157	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
R158	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
R159	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
R160	1-218-686-11	s	RESISTOR CHIP 560 1/16W (1608)
R161	1-218-686-11	s	RESISTOR CHIP 560 1/16W (1608)
R162	1-218-686-11	s	RESISTOR CHIP 560 1/16W (1608)
R163	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R164	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R165	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R166	1-218-687-11	s	RESISTOR CHIP 620 1/16W (1608)
R167	1-218-687-11	s	RESISTOR CHIP 620 1/16W (1608)
R168	1-218-687-11	s	RESISTOR CHIP 620 1/16W (1608)
R169	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R170	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R171	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R175	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)

(VA-189 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R176	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R177	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R178	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R179	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R180	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R181	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R182	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R183	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R184	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R185	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R186	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R187	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R188	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R189	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R190	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R191	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R192	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R205	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R206	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R207	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R208	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R215	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R216	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R217	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R227	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R228	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R229	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R230	1-216-836-11	s	RESISTOR, CHIP 18K 1/16W 1608
R231	1-216-836-11	s	RESISTOR, CHIP 18K 1/16W 1608
R232	1-216-836-11	s	RESISTOR, CHIP 18K 1/16W 1608
R233	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R234	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R235	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R236	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R237	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R238	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)
R239	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)
R240	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)
R241	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R242	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R243	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R244	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R245	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R246	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R247	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R248	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R249	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R250	1-216-807-11	s	RESISTOR, CHIP 68 1/16W 1608
R251	1-216-807-11	s	RESISTOR, CHIP 68 1/16W 1608
R252	1-216-807-11	s	RESISTOR, CHIP 68 1/16W 1608
R253	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R254	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R256	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R257	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R258	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R259	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R260	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R261	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R264	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)

(VA-189 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R265	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R266	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R268	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R269	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R270	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
R271	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R272	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R273	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R274	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R275	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R276	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R277	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W
R278	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R280	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R281	1-216-832-11	s	RESISTOR,CHIP 8.2K 1/16W 1608
R282	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)
R283	1-218-698-11	s	RESISTOR,CHIP 1.8K 1/16W(1608)
R284	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R285	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R288	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R291	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R292	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R293	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R294	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R295	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R296	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R297	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R298	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R299	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R300	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R301	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R302	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R303	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R304	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
R306	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R307	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R308	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R309	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R310	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R311	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R312	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R313	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R314	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R315	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R316	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R317	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R318	1-216-820-11	s	RESISTOR, CHIP 820 1/16W 1608
R319	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R320	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R321	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R322	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R324	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R325	1-216-824-11	s	RESISTOR, CHIP 1.8K 1/16W 1608
R326	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R327	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R328	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R329	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R331	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R333	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)

(VA-189 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R334 *b	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R335	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R336	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R337	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R338	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R339	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R340	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R341	1-216-851-11	s	RESISTOR,CHIP 330K 1/16W 1608
R342	1-216-851-11	s	RESISTOR,CHIP 330K 1/16W 1608
R343	1-216-851-11	s	RESISTOR,CHIP 330K 1/16W 1608
R344	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R345	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R346	1-216-831-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R347	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R348	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R349	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R350	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R351	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R352	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R353	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R354	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
RV1	1-241-261-41	s	RESISTOR, ADJ, CERMET 1K
RV2	1-241-261-41	s	RESISTOR, ADJ, CERMET 1K
RV3	1-241-261-41	s	RESISTOR, ADJ, CERMET 1K
RV4	1-237-035-11	s	RESISTOR,ADJ,CERMET 5K
RV5	1-237-035-11	s	RESISTOR,ADJ,CERMET 5K
RV6	1-237-035-11	s	RESISTOR,ADJ,CERMET 5K

VA-200 BOARD
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*a: Serial No. 10001 - 10010 (for UC)
40001 - 40007 (for CE)
*b: Serial No. 10011 - (for UC)
30001 - (for J)
40008 - (for CE)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8325-959-A	o	MOUNTED CIRCUIT BOARD, VA-200
3pcs	3-729-061-01	s	SCREW (M2X4.5) (TYPE 1)(STEEL)
C1	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C5	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C7	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C8	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C9	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C10	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C11	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C12	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C13	1-127-954-11	s	CAPACITOR,CHIP FILM 0.047MF
C14	1-162-908-11	s	CAPACITOR,CERAMIC 3PF/50V 1608
C15	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C17	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C18	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C19	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C20	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C21	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C22	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C25	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C26	1-104-919-11	s	CAPACITOR,TANTALUM 10MF/25V
C27	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C30	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C31	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C32	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C34	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C35	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C36	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C37	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C38	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C39	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C40	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C41	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C43	1-127-954-11	s	CAPACITOR,CHIP FILM 0.047MF
C44	1-104-919-11	s	CAPACITOR,TANTALUM 10MF/25V
C45	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C49	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C50	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C51	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C101	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C105	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C107	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C108	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C109	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C110	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C111	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C112	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C113	1-127-954-11	s	CAPACITOR,CHIP FILM 0.047MF
C114	1-162-908-11	s	CAPACITOR,CERAMIC 3PF/50V 1608
C115	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C117	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C118	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C119	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

Ref. No. or Q'ty	Part No.	SP	Description
C120	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C121	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C122	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C125	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C126	1-104-919-11	s	CAPACITOR,TANTALUM 10MF/25V
C127	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C130	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C131	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C132	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C134	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C135	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C136	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C137	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C138	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C139	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C140	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C141	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C142	1-127-954-11	s	CAPACITOR,CHIP FILM 0.047MF
C143	1-104-919-11	s	CAPACITOR,TANTALUM 10MF/25V
C144	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C145	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C146	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C147	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C201	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C205	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C207	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C208	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C209	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C210	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C211	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C212	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C213	1-127-954-11	s	CAPACITOR,CHIP FILM 0.047MF
C214	1-162-908-11	s	CAPACITOR,CERAMIC 3PF/50V 1608
C215	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C217	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C218	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C219	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C220	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C221	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C222	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C225	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C226	1-104-919-11	s	CAPACITOR,TANTALUM 10MF/25V
C227	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C230	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C231	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C232	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C234	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C235	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C236	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C237	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C238	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C239	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C240	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C241	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C242	1-127-954-11	s	CAPACITOR,CHIP FILM 0.047MF
C243	1-104-919-11	s	CAPACITOR,TANTALUM 10MF/25V
C244	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C245	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C248	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V

(VA-200 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C249	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C251	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C280	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C282	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C300	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C301	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C302	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C303	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C304 *b	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
*a	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C305	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C306	1-104-919-11	s	CAPACITOR,TANTALUM 10MF/25V
C308	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C309	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C310	1-162-924-11	s	CAPACITOR,CERAMIC 56PF/50V CH
C311	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C312	1-162-925-11	s	CAPACITOR,CERAMIC 68PF/50V CH
C501	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C505	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C601	1-113-991-11	s	CAPACITOR TANTALUM 33MF/16V
C602	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C603	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C604	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C605	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C606	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C607	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C608	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C609	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C610	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C611	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C612	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C613	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C614	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C615	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C700	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C701	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C702	1-113-987-11	s	CAPACITOR TANTALUM 4.7MF/25V
C703	1-104-913-11	s	CAPACITOR,TANTALUM 10MF/16V
C704	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C705	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C706	1-113-987-11	s	CAPACITOR TANTALUM 4.7MF/25V
C707	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C708	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C709	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C710	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
C711	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C712	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C713	1-104-915-11	s	CAPACITOR,CHIP 2.2MF/20V
CN2	1-815-129-11	o	CONNECTOR, BOARD TO BOARD 40P
D100 *b	8-719-404-35	s	DIODE 1SS301-TE85R
D701	8-719-041-68	s	DIODE RD3.3UH(1)-T1
D702	8-719-041-68	s	DIODE RD3.3UH(1)-T1
D703	8-719-041-68	s	DIODE RD3.3UH(1)-T1
FL1	1-234-589-21	s	FILTER, LOW PASS
FL101	1-234-589-21	s	FILTER, LOW PASS
FL201	1-234-589-21	s	FILTER, LOW PASS
IC1	8-759-054-61	s	IC CLC505AJE

(VA-200 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC2	8-759-173-16	s	IC TL062CPW
IC3	8-759-271-18	s	IC NJM1496V
IC4	8-759-271-18	s	IC NJM1496V
IC5	8-759-054-61	s	IC CLC505AJE
IC6	8-759-173-16	s	IC TL062CPW
IC101	8-759-054-61	s	IC CLC505AJE
IC102	8-759-173-16	s	IC TL062CPW
IC103	8-759-271-18	s	IC NJM1496V
IC104	8-759-271-18	s	IC NJM1496V
IC105	8-759-054-61	s	IC CLC505AJE
IC106	8-759-173-16	s	IC TL062CPW
IC201	8-759-054-61	s	IC CLC505AJE
IC202	8-759-173-16	s	IC TL062CPW
IC203	8-759-271-18	s	IC NJM1496V
IC204	8-759-271-18	s	IC NJM1496V
IC205	8-759-054-61	s	IC CLC505AJE
IC206	8-759-173-16	s	IC TL062CPW
IC280	8-759-054-61	s	IC CLC505AJE
IC301	8-759-471-70	s	IC NC7S00M5X
IC303	8-759-472-35	s	IC 74VHC221AMTCX
IC501	8-759-470-51	s	IC MB88141APFV-ER
IC502	8-759-470-51	s	IC MB88141APFV-ER
IC503	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC601	8-759-064-36	s	IC MB88346BPFV
IC602 *b	8-759-669-53	s	IC TLC274CPWR-12
*a	8-759-082-53	s	IC TLC274CPW
IC603 *b	8-759-669-53	s	IC TLC274CPWR-12
*a	8-759-082-53	s	IC TLC274CPW
IC701 *b	8-759-669-53	s	IC TLC274CPWR-12
*a	8-759-082-53	s	IC TLC274CPW
IC702	8-759-274-66	s	IC LM4040BIM3-5.0
L1	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L2	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L3	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L101	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L102	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L103	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L201	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L202	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L203	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L301	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L302	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L303	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L601	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L602	1-412-026-11	s	INDUCTOR,CHIP 1UH (3225)
L700	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L701	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L702	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L703	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L704	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
Q1	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q2	8-729-024-56	s	TRANSISTOR 2SA1808
Q3	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q4	8-729-024-56	s	TRANSISTOR 2SA1808
Q5	8-729-117-32	s	TRANSISTOR 2SC4177
Q6	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q8	8-729-026-34	s	TRANSISTOR XP6435-TX
Q9	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q10	8-729-024-56	s	TRANSISTOR 2SA1808

(VA-200 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q11	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q12	8-729-026-34	s	TRANSISTOR XP6435-TX
Q13	8-729-026-34	s	TRANSISTOR XP6435-TX
Q14	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q99	8-729-117-32	s	TRANSISTOR 2SC4177
Q100	8-729-117-32	s	TRANSISTOR 2SC4177
Q101	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q102	8-729-024-56	s	TRANSISTOR 2SA1808
Q103	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q104	8-729-024-56	s	TRANSISTOR 2SA1808
Q105	8-729-117-32	s	TRANSISTOR 2SC4177
Q106	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q108	8-729-026-34	s	TRANSISTOR XP6435-TX
Q109	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q110	8-729-024-56	s	TRANSISTOR 2SA1808
Q111	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q112	8-729-026-34	s	TRANSISTOR XP6435-TX
Q113	8-729-026-34	s	TRANSISTOR XP6435-TX
Q114	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q201	8-729-040-48	s	TRANSISTOR 2SA1688-4-SONY-TL
Q202	8-729-024-56	s	TRANSISTOR 2SA1808
Q203	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q204	8-729-024-56	s	TRANSISTOR 2SA1808
Q205	8-729-117-32	s	TRANSISTOR 2SC4177
Q206	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q208	8-729-026-34	s	TRANSISTOR XP6435-TX
Q209	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q210	8-729-024-56	s	TRANSISTOR 2SA1808
Q211	8-729-821-88	s	TRANSISTOR 2SK1332-3
Q212	8-729-026-34	s	TRANSISTOR XP6435-TX
Q213	8-729-026-34	s	TRANSISTOR XP6435-TX
Q214	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q301	8-729-026-32	s	TRANSISTOR XP6534-TX
Q302	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q303	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q701	8-729-101-07	s	TRANSISTOR 2SB798
Q702	8-729-101-07	s	TRANSISTOR 2SB798
Q703	8-729-101-07	s	TRANSISTOR 2SB798
Q704	8-729-807-51	s	TRANSISTOR 2SD1623-S
R1	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R4	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R5	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R6	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R7	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R8	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R9	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R11	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R12	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R13	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R14	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R15	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R16	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R17	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R18	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R19	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R21	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R22	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R23	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R24	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)

(VA-200 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R25	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R26	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R27	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R28	1-218-711-11	s	RESISTOR,METAL 6.2K 1/16W
R29	1-218-693-11	s	RESISTOR,CHIP 1.1K 1/16W(1608)
R30	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R32	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R33	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R34	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R35	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R38	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R39	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R40	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R41	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R42	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R43	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R44	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R45	1-218-679-11	s	RESISTOR,CHIP 300 1/16W (1608)
R46	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R47	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R48	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R49	1-218-714-11	s	RESISTOR,CHIP 8.2K 1/16W(1608)
R50	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R51	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R52	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R53	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R54	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R55	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R56	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R57	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R58	1-218-713-11	s	RESISTOR,METAL 7.5K 1/16W
R59	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R60	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R62	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R63	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R64	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R65	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R66	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R67	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R68	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R69	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R70	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R71	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R72	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R73	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R74	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R75	1-218-714-11	s	RESISTOR,CHIP 8.2K 1/16W(1608)
R76	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R77	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R78	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R79	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R80	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R95	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R96	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R97	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R98	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R99	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R100	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R101	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)

(VA-200 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R104	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R105	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R106	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R107 *b	1-218-702-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
*a	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R109	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R110	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R111	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R112	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R113	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R114	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R116	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R117	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R118	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R119	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R120	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R122	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R123	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R124	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R125	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R126	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R127	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R128	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R129	1-218-711-11	s	RESISTOR,METAL 6.2K 1/16W
R130	1-218-693-11	s	RESISTOR,CHIP 1.1K 1/16W(1608)
R131	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R133	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R134	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R135	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R136	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R139	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R140	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R141	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R142	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R143	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R144	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R145	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R146	1-218-679-11	s	RESISTOR,CHIP 300 1/16W (1608)
R147	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R148	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R149	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R150	1-218-714-11	s	RESISTOR,CHIP 8.2K 1/16W(1608)
R151	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R152	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R153	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R154	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R155	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W
R156	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R157	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R158	1-218-713-11	s	RESISTOR,METAL 7.5K 1/16W
R159	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R160	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R161	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R162	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R163	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R164	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R165	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R166	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R167	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)

(VA-200 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R168	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R169	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R170	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R171	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R172	1-218-714-11	s	RESISTOR,CHIP 8.2K 1/16W(1608)
R173	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R174	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R175	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R176	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R177	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R178	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R200	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R201	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R204	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R205	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R206	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R207	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R209	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R210	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R211	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R212	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R213	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R214	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R215	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R216	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R217	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R218	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R219	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R221	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R222	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R223	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R224	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R225	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R226	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R227	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R228	1-218-711-11	s	RESISTOR,METAL 6.2K 1/16W
R229	1-218-693-11	s	RESISTOR,CHIP 1.1K 1/16W(1608)
R230	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R232	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R233	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R234	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R235	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R238	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R239	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R240	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R241	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R242	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R243	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R244	1-218-679-11	s	RESISTOR,CHIP 300 1/16W (1608)
R245	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R246	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R247	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R248	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R249	1-218-714-11	s	RESISTOR,CHIP 8.2K 1/16W(1608)
R250	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R251	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R252	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R253	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R254	1-218-728-11	s	RESISTOR,CHIP 33K 1/16W

(VA-200 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R255	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R256	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R257	1-218-713-11	s	RESISTOR,METAL 7.5K 1/16W
R258	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R259	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R260	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R261	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R262	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R263	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R264	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R265	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R266	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R267	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R268	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R269	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R270	1-218-705-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R271	1-218-714-11	s	RESISTOR,CHIP 8.2K 1/16W(1608)
R272	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R273	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R274	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R275	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R276	1-218-729-11	s	RESISTOR,CHIP 36K 1/16W(1608)
R277	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R278	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R280	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R281	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R282	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R283	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R284	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R300	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R301	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R302	1-216-816-11	s	RESISTOR, CHIP 390 1/16W 1608
R303	1-218-697-11	s	RESISTOR,CHIP 1.6K 1/16W(1608)
R305 *b	1-218-696-11	s	RESISTOR, CHIP 1.5K 1/16W
*a	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R306 *b	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W (1608)
*a	1-218-713-11	s	RESISTOR,METAL 7.5K 1/16W
R307 *b	1-218-713-11	s	RESISTOR,METAL 7.5K 1/16W
*a	1-218-717-11	s	RESISTOR,CHIP 11K 1/16W (1608)
R308	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R309	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R310	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R311	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R313	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R314	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R315	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R316	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R501	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R502	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R503	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R504	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R505	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R506	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R507	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R508	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R511	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R512	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R513	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R514	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)

(VA-200 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R515	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R516	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R521	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R522	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R523	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R524	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R525	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R526	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R601	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R602	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R603	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R604	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R605	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R606	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R607	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R608	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R609	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R610	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R611	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R612	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
R613	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R614	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R615	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R616	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R617	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R618	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
R619	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R620	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R621	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R622	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R623	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R624	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
R625	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R626	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R627	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R628	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R629	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R630	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
R631	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R632	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R633	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R634	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R635	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R636	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
R637	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R638	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R639	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R640	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R641	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R642	1-218-709-11	s	RESISTOR,CHIP 5.1K 1/16W
R701	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R702	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R703	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R704	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R705	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R706	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R707	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R708	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R709	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)

(VA-200 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R710	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R711	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R712	1-218-726-11	s	RESISTOR CHIP 27K 1/16W (1608)
R713	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R714	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R715	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
RB501	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB502	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB503	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RV1	1-237-032-11	s	RESISTOR,ADJ,CERMET 500
RV2	1-237-038-11	s	RESISTOR,ADJ,CERMET 50K
RV101	1-237-032-11	s	RESISTOR,ADJ,CERMET 500
RV102	1-237-038-11	s	RESISTOR,ADJ,CERMET 50K
RV201	1-237-032-11	s	RESISTOR,ADJ,CERMET 500
RV202	1-237-038-11	s	RESISTOR,ADJ,CERMET 50K

Frame List

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-547-745-11	o	DISK UNIT, FILTER (TA931B-2)
1pc	1-475-772-11	o	FILTER UNIT, OPTICAL
FAN1	1-698-236-31	s	FAN,MOTOR
FAN2	1-698-236-31	s	FAN,MOTOR
FAN3	1-698-236-31	s	FAN,MOTOR
FAN4	1-698-236-31	s	FAN,MOTOR
FAN5	1-698-236-31	s	FAN,MOTOR
HN001	1-960-933-11	o	HARNESS (OHB)
(TO CN2/CN-1918 BOARD)			
1pc	1-580-591-11	o	HOUSING, CONNECTOR 30P
15pcs	1-580-599-11	o	TERMINAL, SOLDERLESS
14pcs	1-573-176-11	o	TERMINAL, SOLDERLESS
(TO CN8 and CN18/MB-830 BOARD)			
1pc	1-580-582-11	o	HOUSING,CONNECTOR 12P
11pcs	1-580-599-11	o	TERMINAL, SOLDERLESS
1pc	1-580-588-11	o	HOUSING, CONNECTOR 24P
19pcs	1-573-176-11	o	TERMINAL, SOLDERLESS
4pcs	1-580-599-11	o	TERMINAL, SOLDERLESS
(TO CN1/PS-554 BOARD)			
1pc	1-580-586-11	o	HOUSING, CONNECTOR 20P
15pcs	1-573-176-11	o	TERMINAL, SOLDERLESS
4pcs	1-580-599-11	o	TERMINAL, SOLDERLESS
(TO CN5/PR-248 BOARD)			
1pc	1-580-578-11	s	HOUSING, CONNECTOR 4P
4pcs	1-573-176-11	o	TERMINAL, SOLDERLESS
HN002	1-958-345-12	o	HARNESS (LENS)
(FROM CN11/MB-830 TO CN102/LENS CONNECTOR)			
CN102	1-695-841-12	s	CONNECTOR (ROUND TYPE)(R-F)12P
12pcs	1-164-154-11	s	CAPACITOR,CERAMIC 1000PF X/50V
HN003	1-960-932-11	o	HARNESS (RM)
(FROM CN10/MB-830 TO CN1/CN-1930 BOARD)			
1pc	1-580-582-11	o	HOUSING,CONNECTOR 12P
12pcs	1-580-599-11	o	TERMINAL,SOLDERLESS
HN004	1-960-934-11	o	HARNESS (TEST)
(FROM CN15/MB-830 TO TEST OUT)			
CN104	1-562-261-21	s	CONNECTOR,COAXIAL (BNC)
HN005	1-958-342-11	o	HARNESS (VF)
(FROM CN14/MB-830 TO VF CONNECTOR)			
CN101	1-565-051-21	o	CONNECTOR, ROUND (WITH C) 20P
1pc	1-580-586-11	o	HOUSING, CONNECTOR 20P
13pcs	1-580-599-11	o	TERMINAL,SOLDERLESS
7pcs	1-573-176-11	o	TERMINAL, SOLDERLESS
4pcs	1-164-152-11	s	CAPACITOR,CERAMIC 22PF SL 50V
16pcs	1-164-154-11	s	CAPACITOR,CERAMIC 1000PF X/50V
HN006	- - -		HARNESS (TOP)
(FROM CN12/MB-830 BOARD TO CN1/CN-1929 BOARD)			
1pc	1-778-549-11	o	HOUSING, CONNECTOR 20P
13pcs	1-580-599-11	o	TERMINAL,SOLDERLESS
1pc	1-580-583-11	o	HOUSING, CONNECTOR 14P
13pcs	1-778-554-11	o	TERMINAL, SOLDERLESS
HN007	1-958-346-12	o	HARNESS (SW)
(FROM CN9/MB-830 BOARD TO CN1/SW-1008 BOARD)			
1pc	1-580-586-11	o	HOUSING, CONNECTOR 20P
18pcs	1-580-599-11	o	TERMINAL,SOLDERLESS
HN008	- - -		HARNESS (HANDLE)
(FROM CN2/CN-1929 BOARD TO CN2/SW-936 BOARD)			
2pcs	1-580-582-11	o	HOUSING,CONNECTOR 12P
22pcs	1-580-599-11	o	TERMINAL,SOLDERLESS

(Frame List)

Ref. No. or Q'ty	Part No.	SP	Description
HN009	- - -		HARNESS (TALLY)
(FROM CN3/CN-1929 BOARD TO CN3/SW-1011 BOARD)			
2pcs	1-580-579-11	o	HOUSING, CONNECTOR 6P
10pcs	1-580-599-11	o	TERMINAL,SOLDERLESS
HN010	1-958-347-11	o	HARNESS (FRONT)
(FROM CN2/SW-1008 BOARD TO CN1/SW-1009 BOARD)			
2pcs	1-580-580-11	o	HOUSING, CONNECTOR 8P
16pcs	1-580-599-11	o	TERMINAL,SOLDERLESS
HN011	- - -		HARNESS (TALLY)
(FROM CN3/SW-936 BOARD TO CN1/SW-937 BOARD)			
2pcs	1-580-579-11	o	HOUSING, CONNECTOR 6P
10pcs	1-580-599-11	o	TERMINAL,SOLDERLESS
HN012	- - -		HARNESS (XLR)
(FROM CN2/CN-927 BOARD TO MIC 1 CONNECTOR)			
CN103	1-784-538-11	s	CONNECTOR, XLR (RECEPTACLE) 3P
1pc	1-569-196-11	o	HOUSING, CONNECTOR 3P
1pc	1-569-192-11	o	TERMINAL, SOLDERLESS
2pcs	1-569-194-11	o	TERMINAL, SOLDERLESS
HN013	- - -		HARNESS (RET)
(FROM CN2/SW-1009 BOARD TO CN1/SW-1010 BOARD)			
2pcs	1-569-195-11	o	HOUSING, CONNECTOR 2P
4pcs	1-569-194-11	o	TERMINAL, SOLDERLESS
HN014	1-960-931-11	o	HARNESS (MIC)
(FROM CN1/CN-1927 BOARD TO CN6/CN-1787 BOARD)			
1pc	1-573-176-11	o	TERMINAL, SOLDERLESS
4pcs	1-580-599-11	o	TERMINAL, SOLDERLESS
1pc	1-580-579-11	o	HOUSING, CONNECTOR 6P
HN015	1-960-930-11	o	HARNESS (FAN)
(FROM CN20/MB-830 BOARD TO CN4 and CN5/CN-2045 BOARD)			
HN016	1-757-324-11	s	WIRE, FLAT TYPE (45 CORE)
(FROM CN17/MB-830 BOARD TO CN4/PR-248 BOARD)			
HN017	1-757-324-11	s	WIRE, FLAT TYPE (45 CORE)
(FROM CN3/PR-248 BOARD TO CN4/CN-1787 BOARD)			
HN018	1-757-323-11	s	WIRE, FLAT TYPE (30 CORE)
(FROM CN5/CN-1787 BOARD TO CN2/PR-249 BOARD)			
HN101	- - -		HARNESS (PA)
(FROM CN2/PA-226 BOARD TO CN4/NR-65 BOARD)			
6pcs	1-566-987-11	o	TERMINAL,SOLDERLESS
1pc	1-695-212-11	o	HOUSING,CONNECTOR 6P
6pcs	1-695-215-11	o	TERMINAL,SOLDERLESS 1P
HN102	- - -		HARNESS (PA)
(FROM CN2/PA-226 BOARD TO CN3/NR-65 BOARD)			
6pcs	1-566-987-11	o	TERMINAL,SOLDERLESS
1pc	1-695-212-11	o	HOUSING,CONNECTOR 6P
6pcs	1-695-215-11	o	TERMINAL,SOLDERLESS 1P
HN103	- - -		HARNESS (PA)
(FROM CN2/PA-226 BOARD TO CN2/NR-65 BOARD)			
6pcs	1-566-987-11	o	TERMINAL,SOLDERLESS
1pc	1-695-212-11	o	HOUSING,CONNECTOR 6P
6pcs	1-695-215-11	o	TERMINAL,SOLDERLESS 1P

(Frame List)

Ref. No. or Q'ty	Part No.	SP	Description
HN104	- - -		HARNESS (CHB)
(FROM CN1/CN-2095 BOARD TO CN4/TG-203 BOARD)			
1pc	1-580-591-11	o	HOUSING, CONNECTOR 30P
29pcs	1-580-599-11	o	TERMINAL,SOLDERLESS
1pc	1-580-585-11	o	HOUSING, CONNECTOR 18P
18pcs	1-580-599-11	o	TERMINAL,SOLDERLESS
(TO CN8/VA-189 BOARD)			
1pc	1-580-582-11	o	HOUSING,CONNECTOR 12P
11pcs	1-580-599-11	o	TERMINAL,SOLDERLESS
HN105	- - -		HARNESS (FD)
(FROM CN3/SH-69 BOARD TO CN1/FILTER DISK UNIT)			
2pcs	1-565-130-11	o	HOUSING, CONNECTOR 11P

4-4. Supplied Accessories

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	3-187-845-01	o	LABEL, FILTER
2pcs	7-682-547-09	s	SCREW +B3X6
2pcs	7-682-561-09	s	SCREW +B4X8

4-5. Fixtures List

Part No.	SP	Description
A-8318-864-A	o	EXTENSION BOARD, EX-464
A-8327-478-A	o	EXTENSION BOARD ASSEMBLY, EX-762
A-8327-481-A	o	EXTENSION BOARD, EX-819
J-6026-130-B	o	GRAY SCALE CHART
J-6029-140-B	o	PATTERN BOX
J-6394-110-A	o	IC SOCKET FRAME REMOVING TOOL
J-6394-290-A	o	OHB EXTENSION HARNESS
J-6470-480-A	o	ROM FOR ADJUSTMENT

Section 5
Semiconductor Pin Assignments

The following describes the semiconductor types used in this unit.
For semiconductors marked with page numbers in the index, refer to the corresponding pages in this section. However, in some cases incompatible types are also listed, therefore, when a part is to be replaced, also refer to the Spare Parts section.
In addition, for semiconductors with ID Nos., refer to the separate CD-ROM titled “Semiconductor Pin Assignments” (Sony Part No. 9-968-546-xx) that allows searching for parts by semiconductor type or ID No.
The semiconductors in the manual or on the CD-ROM are listed by equivalent types. Thus the external view or the index mark indication may differ from the actual type.
Pin assignments and block diagrams are based on the IC manufacturer’s data book.

本機に使用されている半導体型名の一覧を下記に示します。
索引中，ページが記載されている半導体は，本章の該当ページを参照してください。ただし，互換性のない型名を併記している場合がありますので，部品を交換するときは，Spare Partsの章を参照してください。
また，ID番号が記載されている半導体は，別途発行の “Semiconductor Pin Assignments” CD−ROM版 (ソニー部品番号：9−968−546−xx)を参照してください。
半導体型名またはID番号から検索ができます。
マニュアルまたはCD−ROMに掲載されている半導体は，それぞれの機能を等価的に表わしたものです。
外観やインデックスマークの表示方法が実物と異なる場合があります。
ピン配置およびブロック図はICメーカーのデータブックに従いました。

DIODE — **Page or ID No.**

1S2838-T1 ..... DC001-03
1SS184 ..... DC001-03
1SS300-TE85L DC001-02
1SS301-TE85L DC001-03
1SS302 ..... DC001-01
1SS302-TE85L DC001-01

EC10QS-06 ..... DC007-01
EC10QS-06-TE12L DC007-01
ERA82-004TP1 ..... DA001-01
ERA85-009 ..... DA001-01

MA141WK DC001-03
MA3J74200LSO DC001-01

RD10UJN-T1 ..... DC008-04
RD15UJN-T1 ..... DC008-04
RD2.0UH-T1 ..... DC008-04
RD2.4UH-T1 ..... DC008-04
RD3.3UH(1)-T1 ..... DC008-04
RD3.3UH-T1 ..... DC008-04
RD3.6UH-T1 ..... DC008-04
RD4.7UH-T1 ..... DC008-04
RD4.7UJN-T1 ..... DC008-04
RD6.2UJN-T1 ..... DC008-04
RD9.1M-B1 ..... DC001-04
RD9.1M-T1B DC001-04

LED — **Page or ID No.**

591-3001-113 5-4

F1J6 ..... LC001-01
F1J6TP LC001-01

TRANSISTOR — **Page or ID No.**

2SA1213Y-TE12L TC002-01
2SA1226-E4 ..... TC001-01
2SA1226-T1E3E4 ..... TC001-01
2SA1610-T1Y34 ..... TC001-01
2SA1610-Y33 ..... TC001-01
2SA1611-M5M6 ..... TC001-01
2SA1611-M6 ..... TC001-01
2SA1611-T1M7 ..... TC001-01
2SA1611T1-M5M6 ..... TC001-01
2SA1688-4-SONY-TL TC001-01
2SA1745 ..... TC001-01
2SA1745-TL TC001-01
2SA1808-P TC001-01
2SA1808-PT106 ..... TC001-01
2SB1114-T1ZL TC002-01
2SB1121-ST TC002-01
2SB624-BV345 ..... TC001-01
2SB624T1-BV345 ..... TC001-01
2SB798-DL TC002-01
2SC1623-L5L6 ..... TC001-02
2SC1623-T1-L5L6 ..... TC001-02
2SC2873Y-TE12L TC002-02
2SC3707 ..... TC001-02
2SC3707-TX TC001-02
2SC4176-B35 ..... TC001-02
2SC4176-T1B35 ..... TC001-02
2SC4177-L6 ..... TC001-02
2SC4177-T1L5L6 ..... TC001-02
2SC4184-T1T43 ..... TC001-02
2SC4215Y TC001-02
2SC4215Y-TE85L TC001-02
2SD1614-T1XL TC002-02
2SD1623-S TC002-02
2SD596DV345 ..... TC001-02
2SD596T1-DV345 ..... TC001-02
2SK1332-3 ..... TC001-05

Index

TRANSISTOR	Page or ID No.
2SK1332-3-TL	TC001-05
2SK508-K51	TC001-05
2SK508-T1K52	TC001-05
2SK620	TC001-07
2SK620-TX	TC001-07
2SK853-K5	TC001-05
2SK853-T1K5	TC001-05
DTA114EE	TC001-04
DTA114EE-TL	TC001-04
DTA143XUA-T106	TC001-04
DTA144EUA-T106	TC001-04
DTC114EE	TC001-03
DTC114EE-TL	TC001-03
DTC143XUA-T106	TC001-03
DTC144EUA-T106	TC001-03
FMMT617TA	TC001-02
FMMT717TA	TC001-01
IMH2	TC005-08
IMH2-T110	TC005-08
SI4410DY-T1-REVA	TC012-06
SI9945AEY-T1	TC012-01
XN6501	TC006-02
XN6501-TW	TC006-02
XP6435-TX	TC006-14
XP6534-TX	TC006-07

IC	Page or ID No.
74AC04SJ	TC74HC04P
74AC04SJX	TC74HC04P
74LCX02MTCX	TC74HC02P
74LCX04MTCX	TC74HC04P
74LCX08MTCX	TC74HC08P
74LCX125MTCX	MC74HC125N
74LCX16374MTDX	SN74ABT16374DL
74LCX244MTCX	TC74HC244P
74LCX245MTCX	TC74HC245P
74LCX32MTCX	TC74HC32P
74LCX541MTCX	MC74HC541N
74LCX574MTCX	TC74HC574P
74LCX74MTCX	TC74HC74P
74LCX86MTCX	TC74HC86P
74VHC02MTCX	TC74HC02P
74VHC08MTCX	TC74HC08P
74VHC157MTCX	TC74HC157P
74VHC163MTCX	TC74HC163P
74VHC221AMTCX	TC74HC221P
74VHCT08AMTCX	TC74HC08P
74VHCT244AMTCX	TC74HC244P
74VHCT74AMTCX	TC74HC74P
AD8005ART-REEL7	AD8055ART-REEL7
ADS807E	5-5
AT27C512R-15RC	AT27C512R-15RC
CLC505AJE	CLC505AJE
CLC505AJE-T	CLC505AJE
CXA1451M	CXA1451M
CXA1451M-TH	CXA1451M
CXA3178M-T4	CX22017
CXD1176Q	CXD1176Q
CXD2307R	CXD2307R
CXD2315Q	CXD2306Q
CXD8072Q	CXD8072Q
CXD8888R	CXD8888R
CXD8892Q	CXD8892Q
CXD8933AR	CXD8933AR
CXD8934AR	CXD8934AR
CXD8955R	5-6
CXD9093R	CXD9093R
CY62256VLL-70ZC-T2	CY62256-70SNC-T2
EL4581CS-TE2	EL4581CS
EPC2LC20	EPC2LC20
EPF10K50SFC256-3	5-7
EPM7128AETC100-10	EPM7128STC100-7
FA7610CN-TE2	5-5
HD151015T	HD151015T
HD151015TEL	HD151015T
HD6417032VF12	HD6417032F20
HD6475328F10	HD6475328F10
HN58C257AT-10	HN58C257T
HN58C257AT10	HN58C257T
LC35256DT-70-TLM	CXK58257ATM
LC361000ATLL-10-TLM	CXK581000ATM-70LL

IC	Page or ID No.
LM35DM	LM35DM
LM35DMX	LM35DM
LM4040AIM3-2.5	LM4040BIM3
LM4040BIM3-5.0	LM4040BIM3
LM4040BIM3X-5.0	LM4040BIM3
LM6365M	LM6361N
LM6365MX	LM6361N
LM75	5-5
LM75CIMX-5	5-5
LTC1625CGN-E2	5-8
M51958AFP600D	M51958A
M6M80011AFP	M6M80011AFP
M6M80011AFP-T3	M6M80011AFP
M6M80041FP	M6M80041FP
M6M80041FP-T2	M6M80041FP
MAX202CSE	MAX202CSE
MAX202CSE-T	MAX202CSE
MAX454CSD	MAX454CSD
MB81F643242B-10	MB811643242A-100FN
MB81F643242B-10FN	MB811643242A-100FN
MB88141APFV-ER	MB88141PF-ER
MB88346BPFV	MB88346APF
MB88346BPFV-EF	MB88346APF
MBM29F040C-90PD-SFK	AM29F040-90JC
MC74HC4046AF	CD4046BE
MC74HC4046AFEL	CD4046BE
MSM82C55A-2GS	MSM82C55A-5GS
MSM82C55A-2GS-VK	MSM82C55A-5GS
NC7S00M5X	TC7S00F
NC7SZ00P5	TC7S00F
NC7SZ00P5X	TC7S00F
NC7SZ02P5	TC4S01F
NC7SZ04P5	TC7S04F
NC7SZ08P5	TC7S08F
NC7SZ125P5	NC7SZ125P5
NC7SZ32P5	TC7S32F
NC7SZ66P5X	SC14S66F
NC7SZ86P5	TC7S86FU
NC7SZO8P5	TC7S08F
NJM1496V-TE2	MC1496P
NJM78L05UA	NJM78L12UA
PCF8591T	PCF8591T
SN74CBT3306PWR	SN74CBT3306PWR
SN74CBTLV3245APWR	SN74CBTLV3245PW-E05
SN74CBTS3306PWR	SN74CBT3306PWR
SN74HC02APWR	TC74HC02P
SN74HC157APW-E05	TC74HC157P
SN74HC245APWR	TC74HC245P
SN74HC32APWR	TC74HC32P
SN74HC541APWR	MC74HC541N
SN74HC574APW-E20	TC74HC574P
SN74HC574APWR	TC74HC574P
SN74HCT04APW-E20	TC74HC04P
SN74HCT541APWR	MC74HC541N
SN74LVC00APW-E05	TC74HC00P

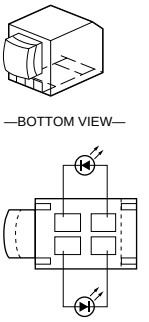
IC	Page or ID No.
SN74LVC827APWR	V74ACT827PS
SN75158PS	SN75158P
SN75158PSR	SN75158P
STK12C68-S45	STK12C68-S45
TC4W53FU	TC4W53FU
TC4W53FU(TE12R)	TC4W53FU
TC74HC4052AFT(EL)	MC74HC4052N
TC74HC4053AFT(EL)	MC74HC4053F
TC74VHC08FT(EL)	TC74HC08P
TC74VHC123AFT(EL)	TC74HC123P
TC74VHCT138AFT(EL)	TC74HC138P
TC74VHCT245AFT(EL)	TC74HC245P
TC7S00FU(TE85R)	TC7S00F
TC7S02FU(TE85R)	TC4S01F
TC7S04FU(TE85R)	TC7S04F
TC7S08FU(TE85R)	TC7S08F
TC7S32FU(TE85R)	TC7S32F
TC7S66FU	SC14S66F
TC7S66FU(TE85R)	SC14S66F
TC7S86FU	TC7S86FU
TC7S86FU(TE85R)	TC7S86FU
TC7SET00FU(TE85R)	TC7S00F
TC7SET08FU(TE85R)	TC7S08F
TC7SH00FU-TE85R	TC7S00F
TC7ST32FU(TE85R)	TC7S32F
TC7W00FU	TC7W00F
TC7W00FU(TE12R)	TC7W00F
TC7W02F	TC7W02F
TC7W02FU(TE12R)	TC7W02F
TC7W04FU	TC7W04F
TC7W04FU(TE12R)	TC7W04F
TC7W08FU	TC7W08F
TC7W08FU(TE12R)	TC7W08F
TC7W139FU(TE12R)	TC7W139F
TC7W14FU(TE12R)	TC7W14FU
TC7W32FU	TC7W32FU
TC7W32FU(TE12R)	TC7W32FU
TC7W53FU(TE12R)	TC4W53FU
TC7W74FU	TC7W74FU
TC7W74FU(TE12R)	TC7W74FU
TL062CPW	RC4558
TL062CPWR	RC4558
TL064CPW	XRA10324AF
TL064CPW-E05	XRA10324AF
TL084CPW-E20	XRA10324AF
TL084CPWR	XRA10324AF
TL1451CNS	TL1451CNS
TL1451CNS-E05	TL1451CNS
TL16C550CPT	TL16C550CPT
TL7700CPS	TL7700CPS
TL7700CPS-E20	TL7700CPS
TLC272CPW-E05	RC4558
TLC274CPW	TLC27M4CN
TLC274CPWR-12	TLC27M4CN
TLC27L4CPW	TLC27M4CN
TLC27L4CPW-E05	TLC27M4CN
TLC2932IPW-E20	TLC2932IPW
TLC7733IPWR	TLC7733IPWR

Index, LED

IC	Page or ID No.
TSC426C0A	MMH0026CP1
TSC426C0A-T2	MMH0026CP1
UPC311G2	UPC311C
UPC311G2-E2	UPC311C
UPC812G2	RC4558
UPC812G2-E2	RC4558
UPD16502GS(1)	UPD16502GS(1)
UPD16502GS(1)-E2	UPD16502GS(1)
UPD6466GS-515	UPD6466GS-502-E2
XC18V02VQ44C	5-5
XC4013XLA-09PQ208C	XC4013XLA-09PQ208C
XCV50-4TQ144C	5-8
XRD7523AID-JTR	MP7523
XRD7523AIK-JTR	MP7523

OTHER	Page or ID No.
HCPL-0630-500	MA009-01

LED

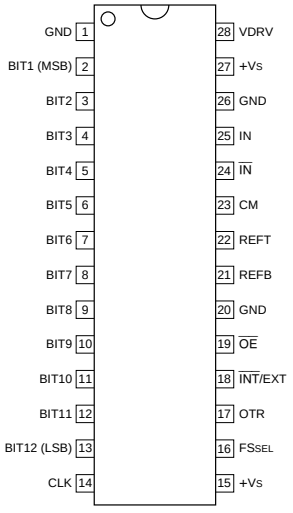


591-3001-113

IC

ADS807E (BURR-BROWN)

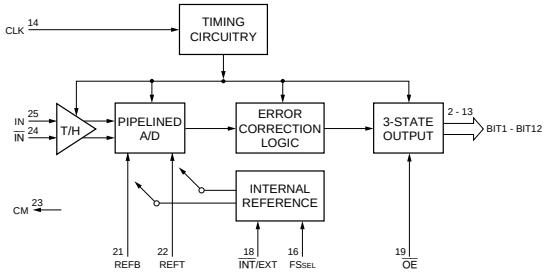
12-BIT A/D CONVERTER
—TOP VIEW—



INPUTS
CLK : CONVERT CLOCK
FSSEL : FULL-SCALE RANGE SELECT
IN : ANALOG INPUT
IN : COMPLEMENTARY ANALOG INPUT
INT/EXT : REFERENCE SELECT
HIGH OR FLOATING : EXTERNAL
LOW : INTERNAL 50kΩ PULL UP
OE : OUTPUT ENABLE
OTR : OUT OF RANGE INDICATOR
REFB : BOTTOM REFERENCE/BYPASS
REFT : TOP REFERENCE/BYPASS

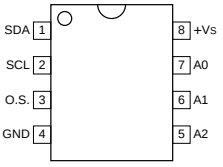
OUTPUTS
BIT1 - BIT12 : DATA BIT
(BIT1 : MSB, BIT12 : LSB)
CM : COMMON MODE VOLTAGE

OTHERS
+VS : VOLTAGE SUPPLY
VDRV : LOGIC DRIVER SUPPLY VOLTAGE



LM75 (NS)
LM75CIMX-5

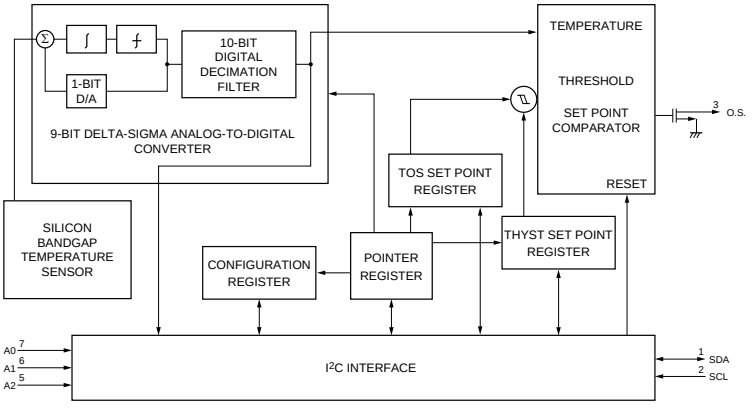
DIGITAL TEMPERATURE SENSOR AND THERMAL WATCHDOG
—TOP VIEW—



INPUTS
A0 - A2 : USER-SET I²C ADDRESS INPUTS
SCL : I²C CLOCK INPUT

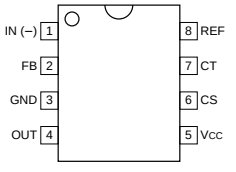
OUTPUT
O.S. : OVERTEMPERATURE SHUTDOWN OPEN COLLECTOR OUTPUT

INPUT/OUTPUT
SDA : I²C SERIAL BI-DIRECTIONAL DATA LINE



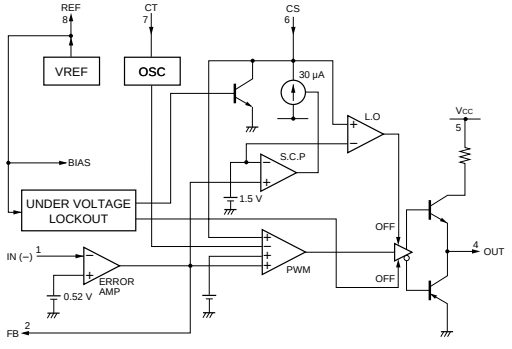
FA7610CN-TE2 (FUJI ELECT)

PWM POWER CONTROLLER
—TOP VIEW—



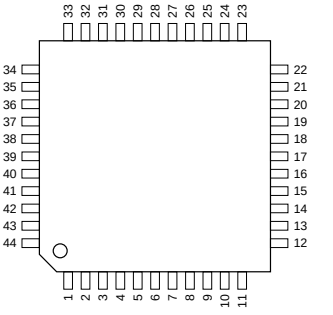
INPUTS
CS : SOFT START
CT : OSCILLATOR TIMING CAPACITOR
IN (–) : ERROR AMPLIFIER INVERSION

OUTPUTS
FB : ERROR AMPLIFIER
OUT : OUTPUT
REF : REFERENCE VOLTAGE



XC18V02VQ44C (XILINX)

PROGRAMMABLE CONFIGURATION PROM
—TOP VIEW—



INPUTS
CE : CHIP ENABLE
CLK : CLOCK
OE/RESET : OUTPUT ENABLE/
ADDRESS COUNTER RESET
TCK : TEST CLOCK
TDI : TEST DATA
TMS : TEST MODE SELECT

OUTPUTS
CEO : CHIP ENABLE OUTPUT
CF : CONFIGURATION DATA
D0 - D7 : DATA
TDO : TEST DATA

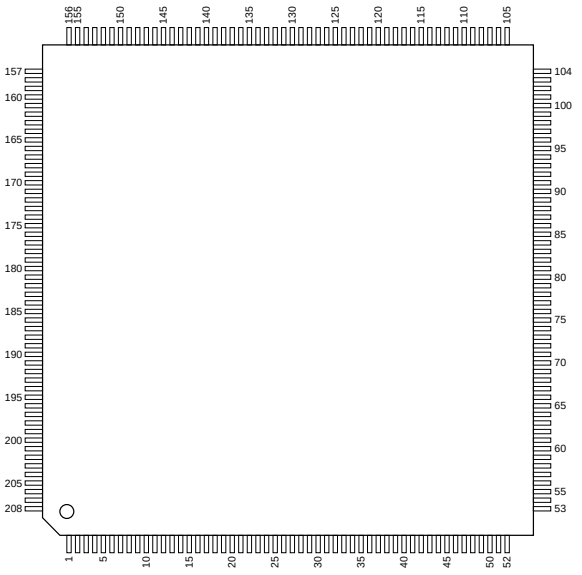
OTHER
NC : NO CONNECTION

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	NC	12	—	NC	23	—	NC	34	—	NC
2	—	NC	13	I	OE/RESET	24	—	NC	35	—	VCC
3	I	TDI	14	O	D6	25	O	D5	36	—	VCC
4	—	NC	15	I	CE	26	—	VCC	37	—	NC
5	I	TMS	16	—	VCC	27	O	D3	38	—	VCC
6	—	GND	17	—	VCC	28	—	GND	39	—	NC
7	I	TCK	18	—	GND	29	O	D1	40	O	D0
8	—	VCC	19	O	D7	30	—	NC	41	—	GND
9	O	D4	20	—	NC	31	O	TDO	42	O	D2
10	O	CF	21	O	CEO	32	—	NC	43	I	CLK
11	—	NC	22	—	NC	33	—	NC	44	—	NC

CXD8955R (SONY)

SAMPLING RATE CONVERTER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	GND	53	—	Vcc	105	—	GND	157	—	Vcc
2	—	GND	54	I	YI03	106	—	GND	158	O	FMO
3	—	NC	55	I	YI04	107	I	HMI	159	O	HMO
4	—	NC	56	I	YI05	108	I	VMI	160	O	VMO
5	—	NC	57	I	YI06	109	O	RO00	161	O	HAU
6	—	NC	58	I	YI07	110	O	RO01	162	I	AUX29
7	—	NC	59	I	YI08	111	O	RO02	163	I	AUX28
8	O	HRO	60	I	YI09	112	O	RO03	164	I	AUX27
9	O	VRO	61	—	GND	113	O	RO04	165	I	AUX26
10	O	YO06	62	—	Vcc	114	—	GND	166	I	AUX25
11	O	YO07	63	I	RI00	115	—	Vcc	167	I	AUX24
12	O	YO08	64	I	RI01	116	O	RO05	168	I	AUX23
13	O	YO09	65	I	RI02	117	O	RO06	169	I	AUX22
14	O	CO00	66	I	RI03	118	O	RO07	170	I	AUX21
15	O	CO01	67	I	RI04	119	O	RO08	171	I	AUX20
16	O	CO02	68	I	RI05	120	O	RO09	172	I	AUX19
17	—	Vcc	69	I	RI06	121	O	GO00	173	I	AUX18
18	—	GND	70	—	Vcc	122	—	GND	174	I	AUX17
19	O	CO03	71	I	RI07	123	—	Vcc	175	I	AUX16
20	O	CO04	72	I	RI08	124	O	GO01	176	I	AUX15
21	O	CO05	73	I	RI09	125	O	GO02	177	I	AUX14
22	O	CO06	74	I	GI00	126	O	GO03	178	I	AUX13
23	O	CO07	75	I	GI01	127	O	GO04	179	I	AUX12
24	O	CO08	76	I	GI02	128	O	GO05	180	I	AUX11
25	O	CO09	77	I	GI03	129	O	GO06	181	I	AUX10
26	—	GND	78	—	Vcc	130	—	Vcc	182	—	GND
27	—	Vcc	79	—	GND	131	—	GND	183	—	Vcc
28	I	CI00	80	I	GI04	132	O	GO07	184	I	TRST
29	I	CI01	81	I	GI05	133	O	GO08	185	—	Vcc
30	I	CI02	82	I	GI06	134	O	GO09	186	I	TCK
31	I	CI03	83	I	GI07	135	O	BO00	187	—	Vcc
32	I	CI04	84	I	GI08	136	O	BO01	188	I	TDI
33	I	CI05	85	I	GI09	137	O	BO02	189	I	TMS
34	I	CI06	86	I	BI00	138	—	Vcc	190	O	TDO
35	—	Vcc	87	I	BI01	139	—	GND	191	I	TEST
36	I	CI07	88	I	BI02	140	O	BO03	192	I	SLA0
37	I	CI08	89	I	BI03	141	O	BO04	193	I	SLA1
38	I	CI09	90	I	BI04	142	O	BO05	194	I	SCL
39	I	YI00	91	I	BI05	143	O	BO06	195	I	SDAI
40	I	YI01	92	I	BI06	144	O	BO07	196	O	SDAO
41	I	YI02	93	I	BI07	145	O	BO08	197	I	PLLMOD
42	O	PSYNC	94	I	BI08	146	—	Vcc	198	O	YO00
43	I	HRI	95	I	BI09	147	—	GND	199	O	YO01
44	I	FRI	96	I	CDI	148	O	BO09	200	O	YO02
45	—	Vcc	97	I	FCH	149	O	CDO	201	O	YO03
46	I	CLKI2	98	—	GND	150	O	COM1	202	O	YO04
47	—	GND	99	I	CLKI1	151	O	COM2	203	O	YO05
48	O	CLKO2	100	—	GND	152	I	CMOD	204	—	Vcc
49	—	Vcc	101	O	CLKO1	153	—	Vcc	205	I	PRST
50	I	CLK1R	102	—	GND	154	I	CLK2M	206	—	GND
51	—	GND	103	I	CLK1M	155	—	GND	207	I	CLK2R
52	—	GND	104	—	Vcc	156	—	GND	208	—	Vcc

INPUTS

AUX10 - AUX19	:	AUXILIARY DATA 1
AUX20 - AUX29	:	AUXILIARY DATA 2
BI00 - BI09	:	MAIN B CH SIGNAL
CDI	:	COLOR DETECTION AREA PULSE
CI00 - CI09	:	RETURN R-Y/B-Y MULTIPLEX
CLK1M	:	MAIN INPUT CLOCK (22.5/18/13.5 MHz)
CLK1R	:	RETURN INPUT CLOCK (13.5 MHz)
CLK2M	:	MAIN OUTPUT CLOCK (22.5/18/13.5 MHz)
CLK2R	:	RETURN OUTPUT CLOCK (22.5/18/13.5 MHz)
CLKI1	:	36/45 MHz CLOCK (DEMULTIPLEX INPUT)
CLKI2	:	27 MHz CLOCK (DEMULTIPLEX INPUT)
CMOD	:	PLL PHASE COMPARATOR MODE
FCH	:	SYNC SIGNAL FROM COPROCESSOR FOR FIBER
FRI	:	RETURN F SIGNAL
GI00 - GI09	:	MAIN G CH SIGNAL
HMI	:	MAIN HD SIGNAL
HRI	:	RETURN H SIGNAL
PLLMOD	:	1: H RESET SYNC, 0: H CONTROL SYNC
PRST	:	POWER ON RESET
RI00 - RI09	:	MAIN R CH SIGNAL
SCL	:	SERIAL I/O CLOCK
SDAI	:	SERIAL INPUT DATA
SLA0, SLA1	:	SERIAL I/O SUBORDINATE ADDRESS SET
TCK	:	CLOCK FOR SELF-DIAGNOSIS
TRST	:	RESET FOR SELF-DIAGNOSIS
VMI	:	MAIN VD SIGNAL
YI00 - YI09	:	RETURN Y SIGNAL

OUTPUTS

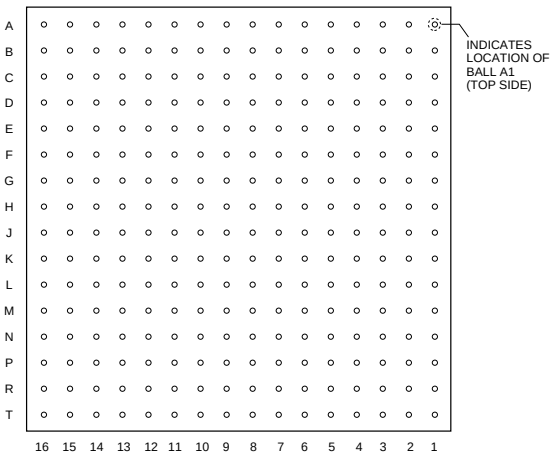
BO00 - BO09	:	MAIN B/R-Y, B-Y SIGNAL
CDO	:	COLOR DETECTION AREA PULSE
CLKO1	:	18/22.5 MHz CLOCK (DEMULTIPLEX OUTPUT)
CLKO2	:	13.5 MHz CLOCK (DEMULTIPLEX OUTPUT)
CO00 - CO09	:	RETURN R-Y/B-Y MULTIPLEX
COM1, COM2	:	PLL PHASE COMPARATOR
FMO	:	MAIN F SIGNAL
GO00 - GO09	:	MAIN G/Y SIGNAL
HAU	:	ADVANCED H SIGNAL OUT FOR AUDIO
HMO	:	MAIN H/HD SIGNAL (SWITCHING)
HRO	:	RETURN HD SIGNAL
PSYNC	:	SYNC FOR PROMPTER
RO00 - RO09	:	MAIN R CH SIGNAL
SDAO	:	SERIAL OUTPUT DATA
VMO	:	MAIN V/VD SIGNAL (SWITCHING)
VRO	:	RETURN VD SIGNAL
YO00 - YO09	:	RETURN Y SIGNAL

OTHERS

NC	:	NO CONNECTION
TDI	:	TEST DATA INPUT FOR SELF-DIAGNOSIS
TDO	:	TEST DATA OUTPUT FOR SELF-DIAGNOSIS
TEST	:	TEST MODE
TMS	:	TEST MODE FOR SELF-DIAGNOSIS

EPF10K50SFC256-3 (ALTERA)

EMBEDDED PROGRAMMABLE LOGIC DEVICE
—BOTTOM VIEW—



INPUTS

$\overline{CE}$	: CHIP ENABLE
CLK	: DEDICATED CLOCK
CLKUSR	: OPTIONAL USER-SUPPLIED CLOCK
$\overline{CONFIG}$	: CONFIGURATION CONTROL
CS, $\overline{CS}$	: CHIP SELECT
DCLK, GCLK1	: CLOCK
$\overline{DEV\ CLR}$	: CLEAR ON DEVICE
DEV OE	: OUTPUT ENABLE ON DEVICE
IN	: DEDICATED INPUT
LOCK	: CLOCK LOCK
MSEL0, MSEL1	: 2-BIT CONFIGURATION
$\overline{RS}$	: READ STROBE
TCK	: TEST CLOCK
TDI	: TEST DATA
TMS	: TEST MODE SELECT
$\overline{WS}$	: WRITE STROBE

OUTPUTS

$\overline{CEO}$	: CHIP ENABLE
CONF DONE	: STATUS
INIT DONE	: STATUS PIN
RDY/$\overline{BSY}$	: READY
$\overline{STATUS}$	: STATUS
TDO	: TEST DATA
TRST	: TEST RESET

INPUTS/OUTPUTS

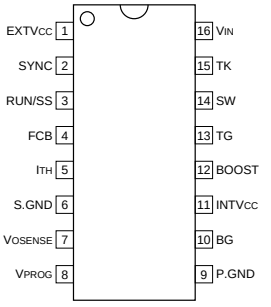
DATA0 - DATA7	: DATA
I/O	: I/O

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
A1	I/O	DATA0	E1	I/O	I/O	J1	I/O	I/O	N1	I/O	I/O
A2	I/O	DATA2/I/O	E2	I/O	I/O	J2	I/O	I/O	N2	I/O	I/O
A3	I/O	I/O	E3	I/O	I/O	J3	I/O	I/O	N3	I/O	I/O
A4	I/O	DATA5/I/O	E4	I/O	I/O	J4	I/O	I/O	N4	I	$\overline{CONFIG}$
A5	I/O	I/O	E5	—	GND	J5	I/O	I/O	N5	I/O	I/O
A6	I/O	I/O	E6	—	Vcc	J6	—	Vcc	N6	I/O	I/O
A7	I/O	I/O	E7	I/O	I/O	J7	—	Vcc	N7	I/O	I/O
A8	I/O	I/O	E8	I	IN	J8	—	GND	N8	I/O	I/O
A9	I	CLK	E9	I/O	I/O	J9	—	GND	N9	I/O	I/O
A10	I/O	I/O	E10	I/O	I/O	J10	—	Vcc	N10	I/O	I/O
A11	I/O	I/O	E11	—	Vcc	J11	—	Vcc	N11	I/O	I/O
A12	I/O	I/O	E12	—	GND	J12	I/O	I/O	N12	—	Vcc
A13	I/O	I/O	E13	I/O	I/O	J13	I/O	I/O	N13	I/O	I/O
A14	I/O	I/O	E14	I/O	I/O	J14	I/O	I/O	N14	I/O	I/O
A15	I/O	$\overline{CS}$/I/O	E15	I/O	I/O	J15	I/O	I/O	N15	I/O	I/O
A16	I/O	$\overline{CS}$/I/O	E16	I/O	I/O	J16	I/O	I/O	N16	I/O	I/O
B1	I	$\overline{CE}$	F1	I/O	I/O	K1	I/O	I/O	P1	I	MSEL0
B2	I	DCLK	F2	I/O	I/O	K2	I/O	I/O	P2	I/O	I/O
B3	I/O	DATA1/I/O	F3	I/O	I/O	K3	I/O	I/O	P3	I/O	I/O
B4	I/O	DATA4/I/O	F4	I/O	I/O	K4	I/O	I/O	P4	I/O	I/O
B5	I/O	DATA7/I/O	F5	—	Vcc	K5	I/O	I/O	P5	I/O	I/O
B6	I/O	I/O	F6	—	GND	K6	—	Vcc	P6	I/O	I/O
B7	I/O	I/O	F7	—	Vcc	K7	—	GND	P7	I/O	I/O
B8	I/O	I/O	F8	—	Vcc	K8	—	Vcc	P8	I/O	I/O
B9	I	IN	F9	—	Vcc	K9	—	Vcc	P9	I/O	I/O
B10	I/O	I/O	F10	—	Vcc	K10	—	GND	P10	I/O	I/O
B11	I/O	I/O	F11	—	GND	K11	—	Vcc	P11	I/O	I/O
B12	I/O	I/O	F12	—	Vcc	K12	I/O	I/O	P12	I/O	LOCK/I/O
B13	I/O	I/O	F13	I/O	I/O	K13	I/O	I/O	P13	I/O	I/O
B14	I/O	$\overline{WS}$/I/O	F14	I/O	I/O	K14	I/O	I/O	P14	I/O	I/O
B15	I	TCK	F15	I/O	I/O	K15	I/O	I/O	P15	I	TMS
B16	O	$\overline{CEO}$	F16	I/O	I/O	K16	I/O	I/O	P16	I/O	I/O
C1	I/O	I/O	G1	I/O	I/O	L1	I/O	I/O	R1	I	MSEL1
C2	I	TDI	G2	I/O	I/O	L2	I/O	I/O	R2	—	Vcc
C3	I/O	DATA3/I/O	G3	I/O	I/O	L3	I/O	I/O	R3	I/O	I/O
C4	I/O	I/O	G4	I/O	I/O	L4	I/O	I/O	R4	I/O	I/O
C5	I/O	I/O	G5	I/O	I/O	L5	—	Vcc	R5	I/O	I/O
C6	I/O	I/O	G6	—	Vcc	L6	—	GND	R6	I/O	I/O
C7	I/O	I/O	G7	—	GND	L7	—	Vcc	R7	I/O	I/O
C8	I/O	I/O	G8	—	Vcc	L8	I	GCLK1/CLK	R8	I	IN
C9	I/O	DEV OE/I/O	G9	—	GND	L9	—	Vcc	R9	I/O	I/O
C10	I/O	I/O	G10	—	GND	L10	—	Vcc	R10	I/O	I/O
C11	I/O	I/O	G11	—	Vcc	L11	—	GND	R11	I/O	I/O
C12	I/O	I/O	G12	I/O	I/O	L12	—	Vcc	R12	I/O	I/O
C13	I/O	I/O	G13	I/O	I/O	L13	I/O	I/O	R13	I/O	I/O
C14	I/O	$\overline{RS}$/I/O	G14	I/O	RDY/$\overline{BSY}$/I/O	L14	I/O	I/O	R14	I/O	I/O
C15	O	CONF DONE	G15	I/O	I/O	L15	I/O	I/O	R15	I/O	I/O
C16	O	TDO	G16	I/O	INIT DONE/I/O	L16	I/O	I/O	R16	O	TRST
D1	I/O	I/O	H1	I/O	I/O	M1	I/O	I/O	T1	I/O	I/O
D2	I/O	I/O	H2	I/O	I/O	M2	I/O	I/O	T2	I/O	I/O
D3	I/O	I/O	H3	I/O	I/O	M3	I/O	I/O	T3	I/O	I/O
D4	I/O	DATA6/I/O	H4	I/O	I/O	M4	I/O	I/O	T4	I/O	I/O
D5	I/O	I/O	H5	I/O	I/O	M5	—	GND	T5	I/O	I/O
D6	I/O	I/O	H6	—	Vcc	M6	—	Vcc	T6	I/O	I/O
D7	I/O	I/O	H7	—	Vcc	M7	I/O	I/O	T7	I/O	I/O
D8	I/O	$\overline{DEV\ CLR}$/I/O	H8	—	GND	M8	I/O	I/O	T8	—	GND
D9	I/O	I/O	H9	—	GND	M9	I	IN	T9	I/O	I/O
D10	I/O	I/O	H10	—	Vcc	M10	I/O	I/O	T10	I/O	I/O
D11	I/O	I/O	H11	—	Vcc	M11	—	Vcc	T11	I/O	I/O
D12	—	Vcc	H12	I/O	I/O	M12	—	GND	T12	I/O	I/O
D13	I/O	I/O	H13	I/O	I/O	M13	I/O	I/O	T13	I/O	I/O
D14	I/O	I/O	H14	I/O	I/O	M14	I/O	I/O	T14	I/O	I/O
D15	I/O	CLKUSR/I/O	H15	I/O	I/O	M15	I/O	I/O	T15	I/O	I/O
D16	I/O	I/O	H16	I/O	I/O	M16	I/O	I/O	T16	O	$\overline{STATUS}$

LTC1625CGN-E2 (LINEAR TECH)

SWTCHING REGULATOR

—TOP VIEW—

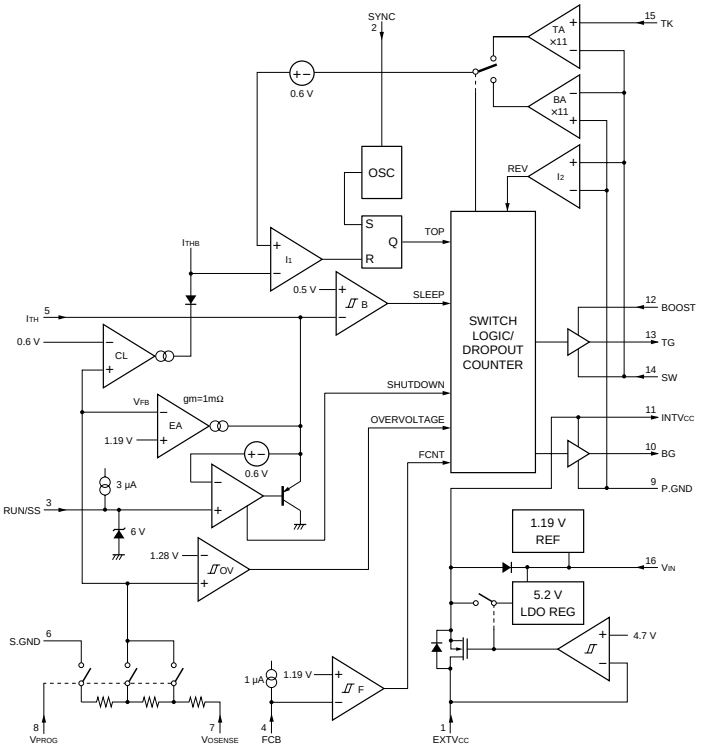


INPUTS

BOOST	:	TOPSIDE FLOATING DRIVER SUPPLY
EXTVCC	:	INTVCC SWITCH
FCB	:	FORCED CONTINUOUS
ITH	:	ERROR AMPLIFIER COMPENSATION POINT
RUN/SS	:	RUN CONTROL/SOFT START
SW	:	SWITCH NODE
SYNC	:	SYNC
TK	:	TOP MOSFET KELVIN SENSE
VIN	:	MAIN POWER SUPPLY
VOSENSE	:	OUTPUT VOLTAGE SENSE
VPROG	:	OUTPUT VOLTAGE PROGRAMMING

OUTPUTS

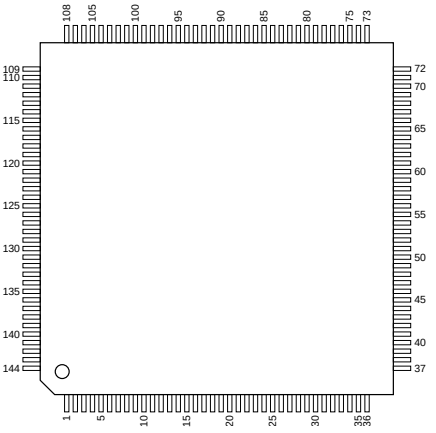
BG	:	BOTTOM GATE DRIVE
INTVCC	:	INTERNAL 5.2 V REGULATOR
TG	:	TOP GATE DRIVE



XCV50-4TQ144C (XILINX)

FIELD PROGRAMMABLE GATE ARRAY

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VCC	37	—	VCC	73	—	VCC	109	—	VCC
2	I	TCK	38	I/O	CCLK	74	I/O	DONE	110	I	M0
3	I/O	I/O	39	I/O	BUSY/DOUT/I/O	75	—	GND	111	—	GND
4	I/O	I/O	40	I/O	D0/DIN/I/O	76	I/O	I/O	112	I	M1
5	I/O	VREF/I/O	41	I/O	I/O	77	I/O	I/O	113	I/O	I/O
6	I/O	I/O	42	I/O	VREF/I/O	78	I/O	I/O	114	I/O	I/O
7	I/O	I/O	43	I/O	I/O	79	I/O	VREF/I/O	115	I/O	I/O
8	I/O	I/O	44	I/O	I/O	80	I/O	I/O	116	I/O	VREF/I/O
9	—	GND	45	I/O	D1/I/O	81	I/O	I/O	117	I/O	I/O
10	—	VCC	46	—	GND	82	I/O	I/O	118	I/O	I/O
11	I/O	I/O	47	I/O	D2/I/O	83	—	GND	119	I/O	I/O
12	I/O	I/O	48	I/O	I/O	84	—	VCC	120	—	GND
13	I/O	VREF/I/O	49	I/O	I/O	85	I/O	I/O	121	I/O	I/O
14	I/O	I/O	50	I/O	VREF/I/O	86	I/O	I/O	122	I/O	I/O
15	—	VCC	51	I/O	D3/I/O	87	I/O	VREF/I/O	123	I/O	VREF/I/O
16	I	GCK3/I	52	I/O	I/O	88	I/O	I/O	124	I/O	I/O
17	—	VCC	53	I/O	I/O	89	I/O	I/O	125	I/O	I/O
18	—	GND	54	—	GND	90	I	GCK0/I	126	—	VCC
19	I	GCK2/I	55	—	VCC	91	—	GND	127	I/O	I/O
20	I/O	I/O	56	I/O	I/O	92	—	VCC	128	—	VCC
21	I/O	I/O	57	—	VCC	93	I	GCK1/I	129	—	GND
22	I/O	VREF/I/O	58	I/O	I/O	94	—	VCC	130	I/O	I/O
23	I/O	I/O	59	I/O	D4/I/O	95	I/O	I/O	131	I/O	I/O
24	I/O	I/O	60	I/O	VREF/I/O	96	I/O	VREF/I/O	132	I/O	I/O
25	—	VCC	61	I/O	I/O	97	I/O	I/O	133	I/O	VREF/I/O
26	—	GND	62	I/O	I/O	98	I/O	I/O	134	I/O	I/O
27	I/O	I/O	63	I/O	D5/I/O	99	—	VCC	135	I/O	I/O
28	I/O	I/O	64	—	GND	100	—	GND	136	—	GND
29	I/O	I/O	65	I/O	D6/I/O	101	I/O	I/O	137	I/O	I/O
30	I/O	VREF/I/O	66	I/O	I/O	102	I/O	I/O	138	I/O	I/O
31	I/O	I/O	67	I/O	I/O	103	I/O	I/O	139	I/O	I/O
32	I/O	WRITE/I/O	68	I/O	VREF/I/O	104	I/O	VREF/I/O	140	I/O	VREF/I/O
33	I/O	CS/I/O	69	I/O	I/O	105	I/O	I/O	141	I/O	I/O
34	I	TDI	70	I/O	D7/I/O	106	I/O	I/O	142	I/O	I/O
35	—	GND	71	I/O	INIT/I/O	107	I/O	I/O	143	I	TMS
36	O	TDO	72	I	PROGRAM	108	I	M2	144	—	GND

INPUTS

CS	:	CHIP SELECT
DIN	:	SINGLE DATA
GCK0 - GCK3	:	GLOBAL CLOCK
I	:	INPUT
M0 - M2	:	MODE
PROGRAM	:	PROGRAM
VREF	:	REFERENCE VOLTAGE
WRITE	:	WRITE ENABLE SIGNAL

OUTPUTS

BUSY/DOUT	:	BUSY/CONFIGURATION DATA

INPUTS/OUTPUTS

CCLK	:	CONFIGURATION CLOCK
D0 - D7	:	CONFIGURATION DATA
DONE	:	CONFIGURATION LOADING COMPLETE
I/O	:	INPUT AND/OR OUTPUT
INIT	:	CONFIGURATION MEMORY CLEAR

OTHERS

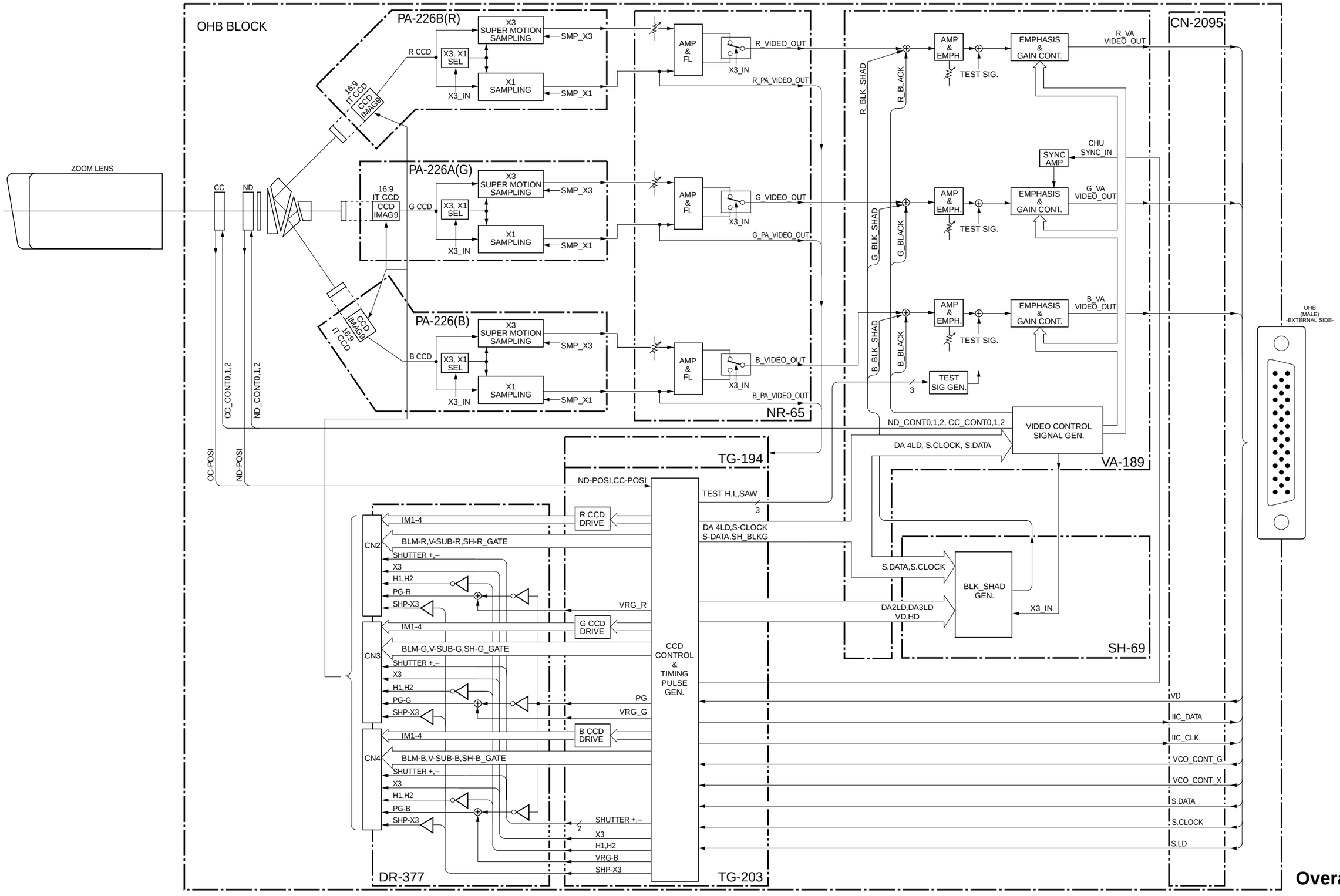
TCK	:	TEST CLOCK
TDI	:	TEST DATA INPUT
TDO	:	TEST DATA OUTPUT
TMS	:	TEST MODE SELECT

Section 6
Block Diagrams

Block Diagram Index

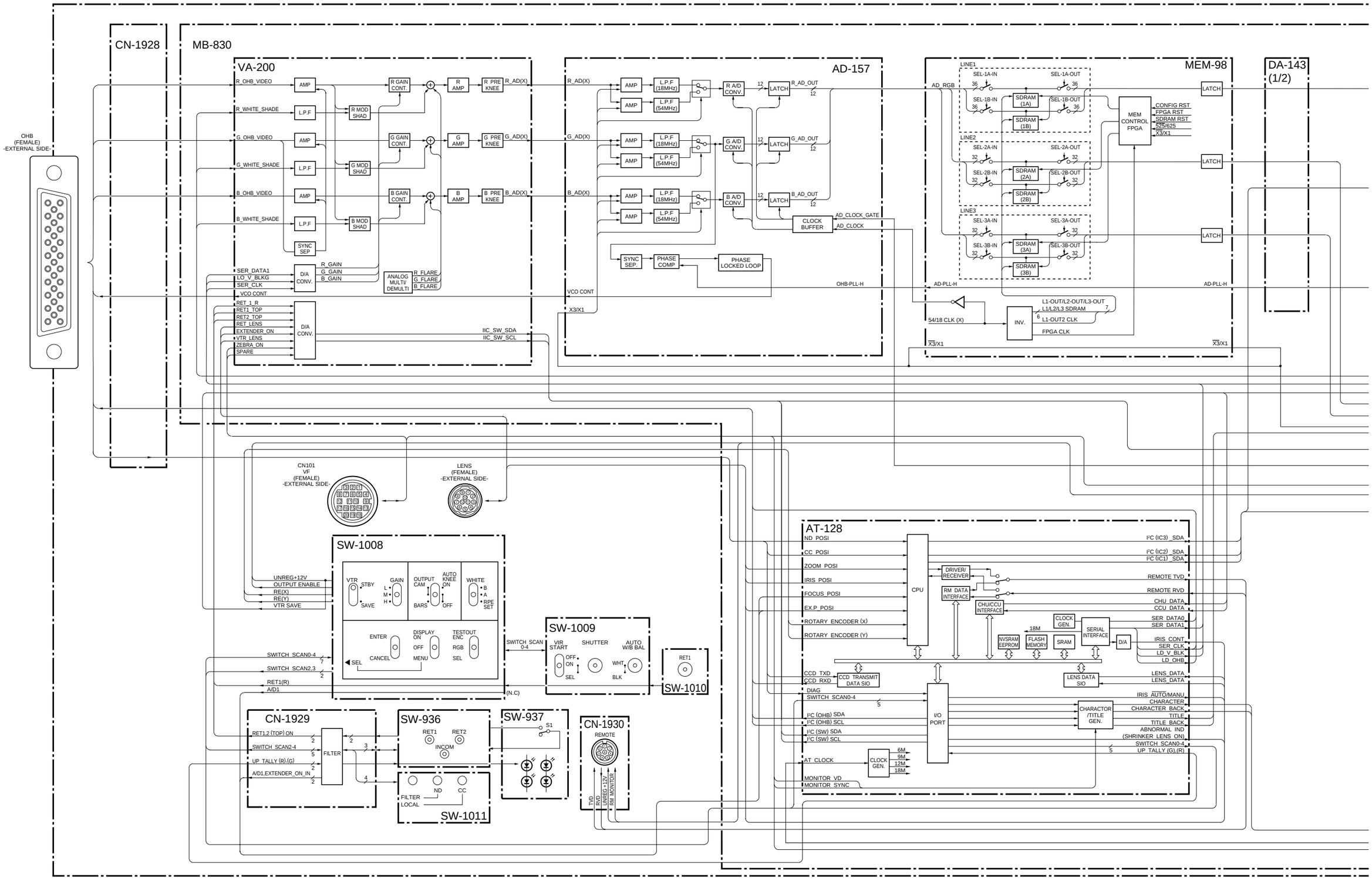
		Page
A.	AD-157	6-11
	AT-128	6-20
D.	DA-143	6-13
	DR-377	6-6
E.	EN-141	6-18
M.	MEM-98	6-12
O.	Overall	6-3
P.	PA-226	6-7
	PR-248	6-15
	PR-249	6-17
S.	SH-69	6-8
T.	TG-194	6-9
	TG-203	6-6
V.	VA-189	6-8
	VA-200	6-10

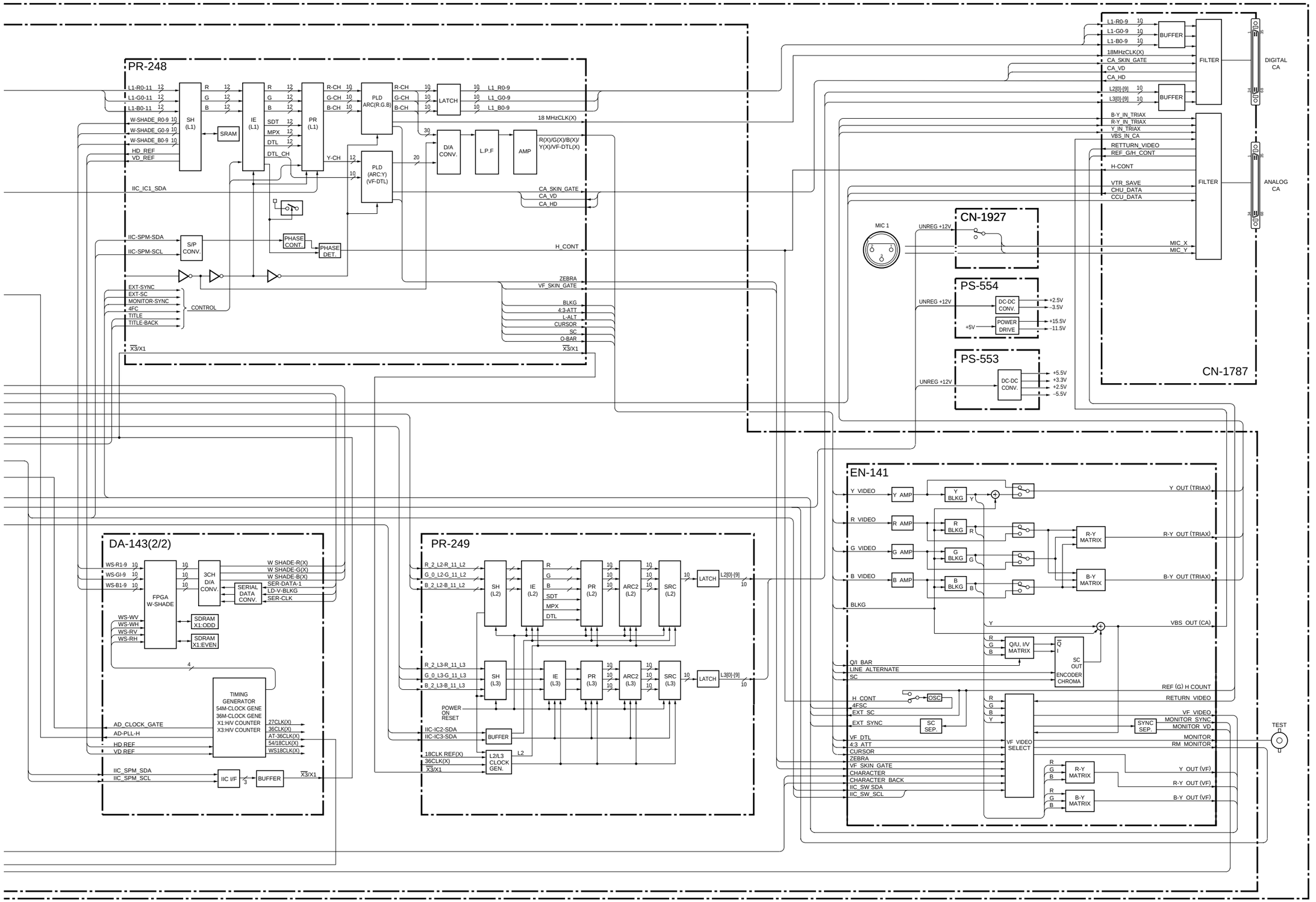
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



Overall (1/2)

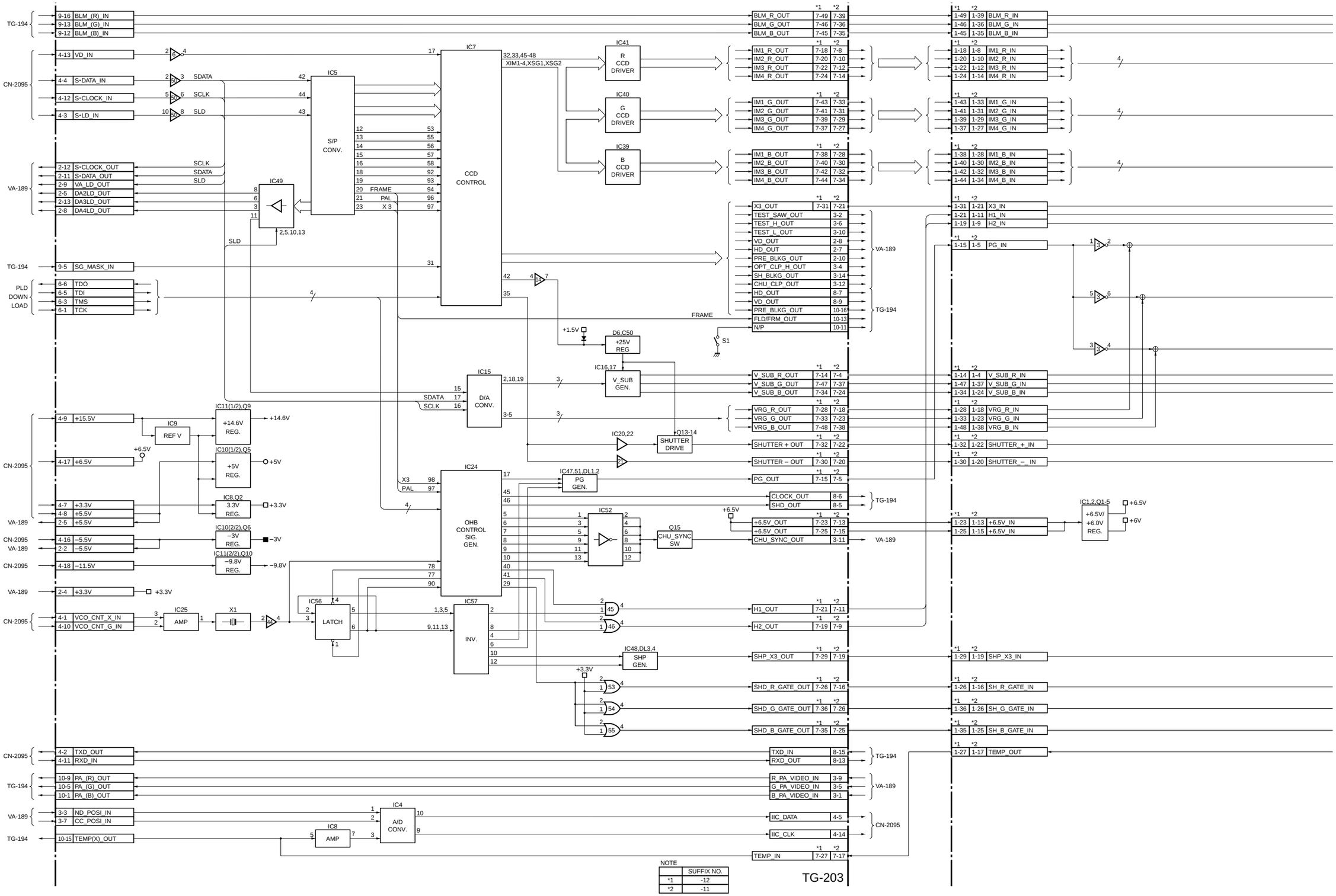
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

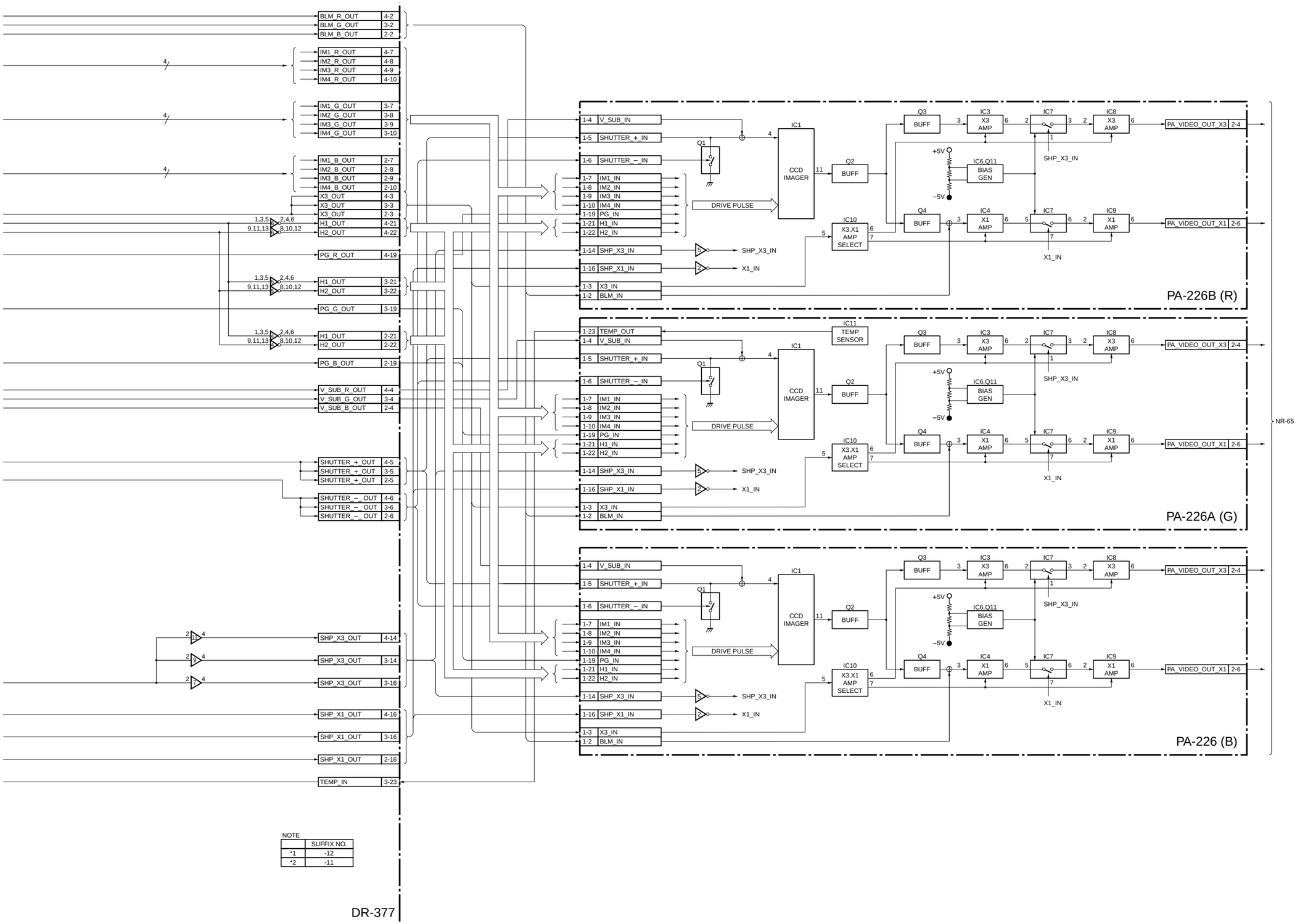



PR-248
L1-R0-11
L1-G0-11
L1-B0-11
W-SHADE_R0-9
W-SHADE_G0-9
W-SHADE_B0-9
HD_REF
VD_REF
SH (L1)
SRAM
IE (L1)
PR (L1)
PLD ARC(R.G.B)
LATCH
L1_R0-9
L1_G0-9
L1_B0-9
18 MHzCLK(X)
D/A CONV.
L.P.F
AMP
R(X)/G(X)/B(X)/ Y(X)/VF-DTL(X)
PLD (ARC:Y) (VF-DTL)
IIC_IC1_SDA
CA_SKIN_GATE
CA_VD
CA_HD
IIC-SPM-SDA
IIC-SPM-SCL
S/P CONV.
PHASE CONT.
PHASE DET.
H_CONT
ZEBRA
VF_SKIN_GATE
EXT-SYNC
EXT-SC
MONITOR-SYNC
4FC
TITLE
TITLE-BACK
CONTROL
BLKG
4:3-ATT
I-ALT
CURSOR
SC
O-BAR
X3/X1
DA-143(2/2)
WS-R1-9
WS-G1-9
WS-B1-9
FPGA W-SHADE
3CH D/A CONV.
W SHADE-R(X)
W SHADE-G(X)
W SHADE-B(X)
SERIAL DATA CONV.
SER-DATA-1
LD-V-BLKG
SER-CLK
WS-WV
WS-WH
WS-RV
WS-RH
SDRAM X1:ODD
SDRAM X1:EVEN
TIMING GENERATOR
54M-CLOCK GENE
36M-CLOCK GENE
X1:H/V COUNTER
X3:H/V COUNTER
AD_CLOCK_GATE
AD-PLL-H
HD REF
VD REF
27CLK(X)
36CLK(X)
AT-36CLK(X)
54/18CLK(X)
WS18CLK(X)
IIC_SPM_SDA
IIC_SPM_SCL
IIC I/F
BUFFER
PR-249
R_2_L2-R_11_L2
G_0_L2-G_11_L2
B_2_L2-B_11_L2
SH (L2)
IE (L2)
PR (L2)
ARC2 (L2)
SRC (L2)
LATCH
L2[0]-[9]
R_2_L3-R_11_L3
G_0_L3-G_11_L3
B_2_L3-B_11_L3
SH (L3)
IE (L3)
PR (L3)
ARC2 (L3)
SRC (L3)
L3[0]-[9]
POWER ON RESET
IIC-IC2-SDA
IIC-IC3-SDA
18CLK REF(X)
36CLK(X)
X3/X1
BUFFER
L2/L3 CLOCK GEN.
L2
L1-R0-9
L1-G0-9
L1-B0-9
18MHzCLK(X)
CA_SKIN_GATE
CA_VD
CA_HD
L2[0]-[9]
L3[0]-[9]
BUFFER
FILTER
DIGITAL CA
B-Y_IN_TRIAX
R-Y_IN_TRIAX
Y_IN_TRIAX
VBS_IN_CA
RETTURN_VIDEO
REF_G/H_CONT
H-CONT
VTR_SAVE
CHU_DATA
CCU_DATA
ANALOG CA
CN-1927
MIC 1
UNREG +12V
MIC_X
MIC_Y
PS-554
DC-DC CONV.
POWER DRIVE
+2.5V
-3.5V
+15.5V
-11.5V
+5V
PS-553
+5.5V
+3.3V
+2.5V
-5.5V
CN-1787
EN-141
Y VIDEO
R VIDEO
G VIDEO
B VIDEO
BLKG
Y AMP
R AMP
G AMP
B AMP
Y BLKG
R BLKG
G BLKG
B BLKG
Y OUT (TRIAX)
R-Y MATRIX
B-Y MATRIX
R-Y OUT (TRIAX)
B-Y OUT (TRIAX)
VBS OUT (CA)
Q/U, I/V MATRIX
SC OUT ENCODER CHROMA
Q/I BAR
LINE ALTERNATE
SC
H_CONT
4FSC
EXT SC
EXT SYNC
OSC
SC SEP.
REF (G) H COUNT
RETURN VIDEO
VF VIDEO
MONITOR SYNC
MONITOR VD
SYNC SEP.
MONITOR
RM MONITOR
VF_DTL
4:3_ATT
CURSOR
ZEBRA
VF_SKIN_GATE
CHARACTER
CHARACTER_BACK
IIC_SW SDA
IIC_SW_SCL
VF VIDEO SELECT
Y OUT (VF)
R-Y OUT (VF)
B-Y OUT (VF)
TEST

Overall (2/2)

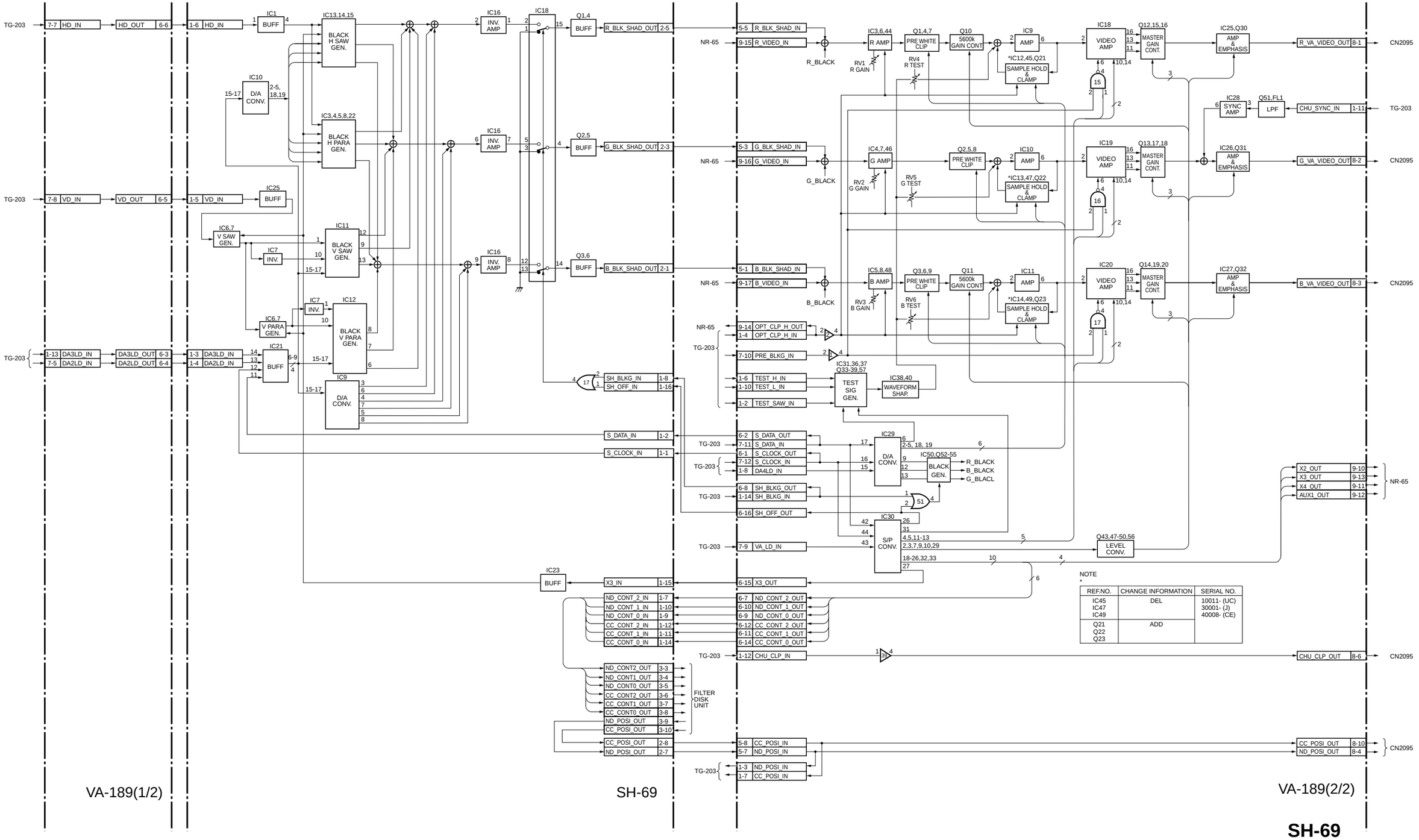
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher





DR-377
PA-226
TG-203

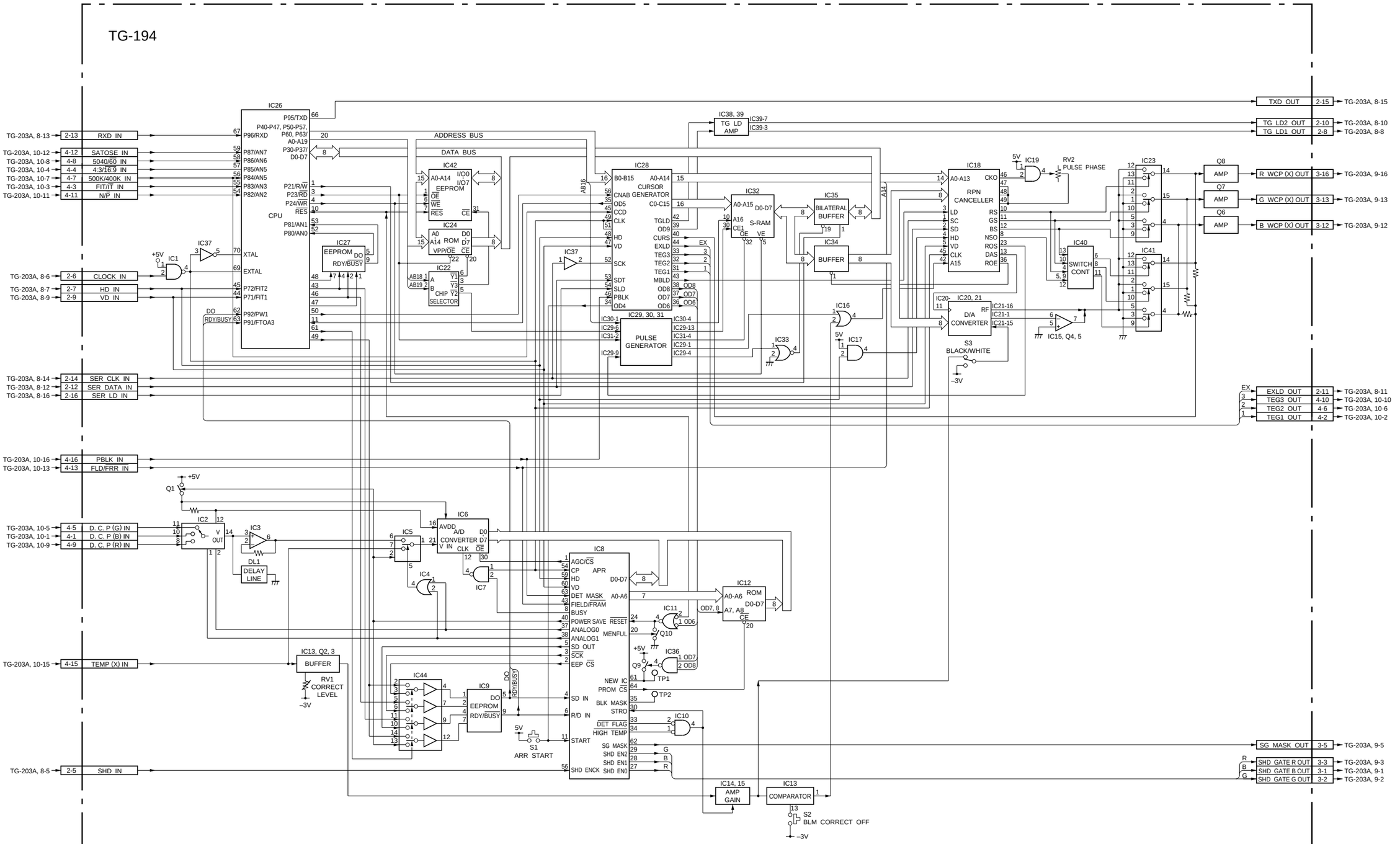
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



VA-189(1/2) SH-69 VA-189(2/2)

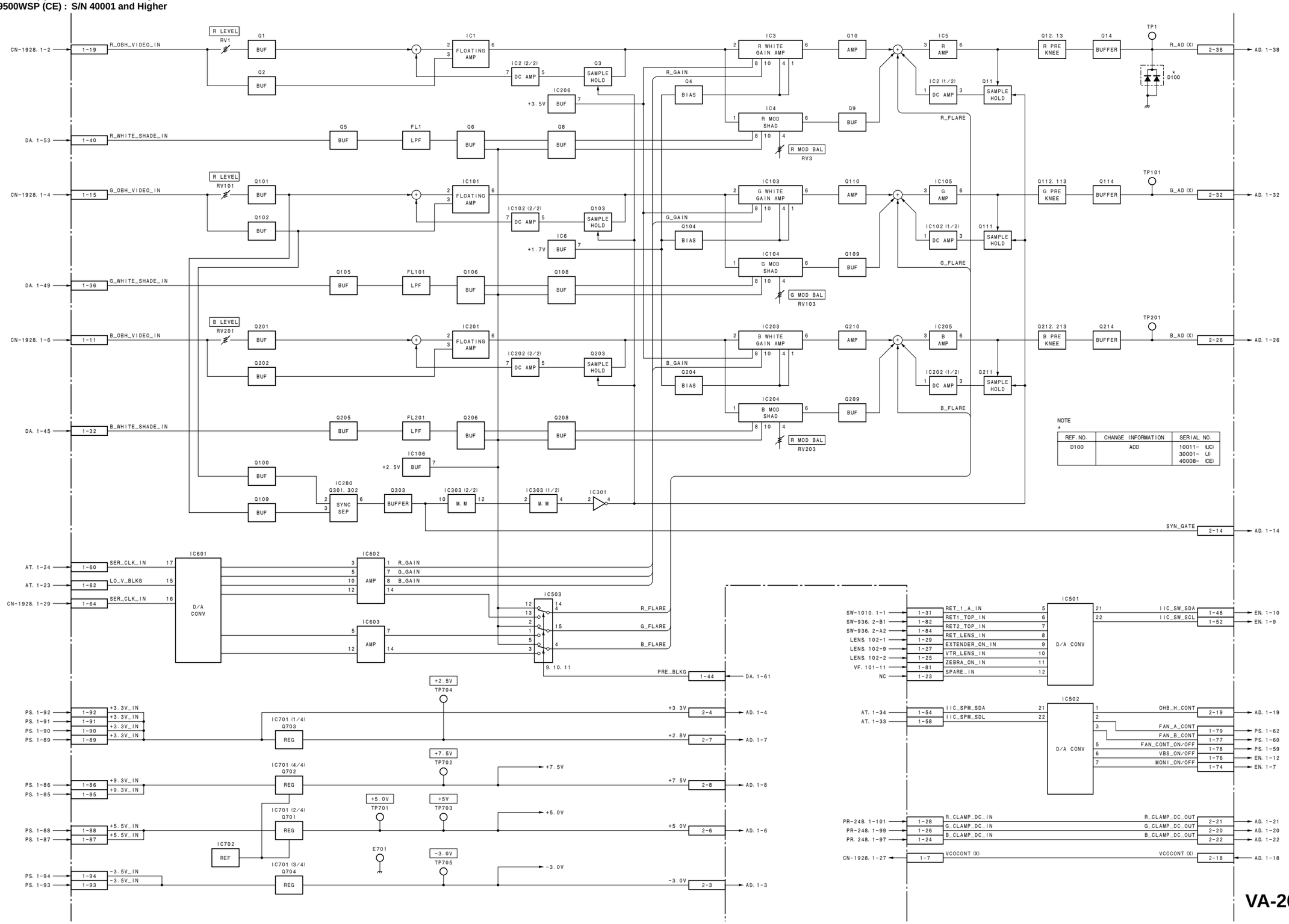
SH-69
VA-189

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

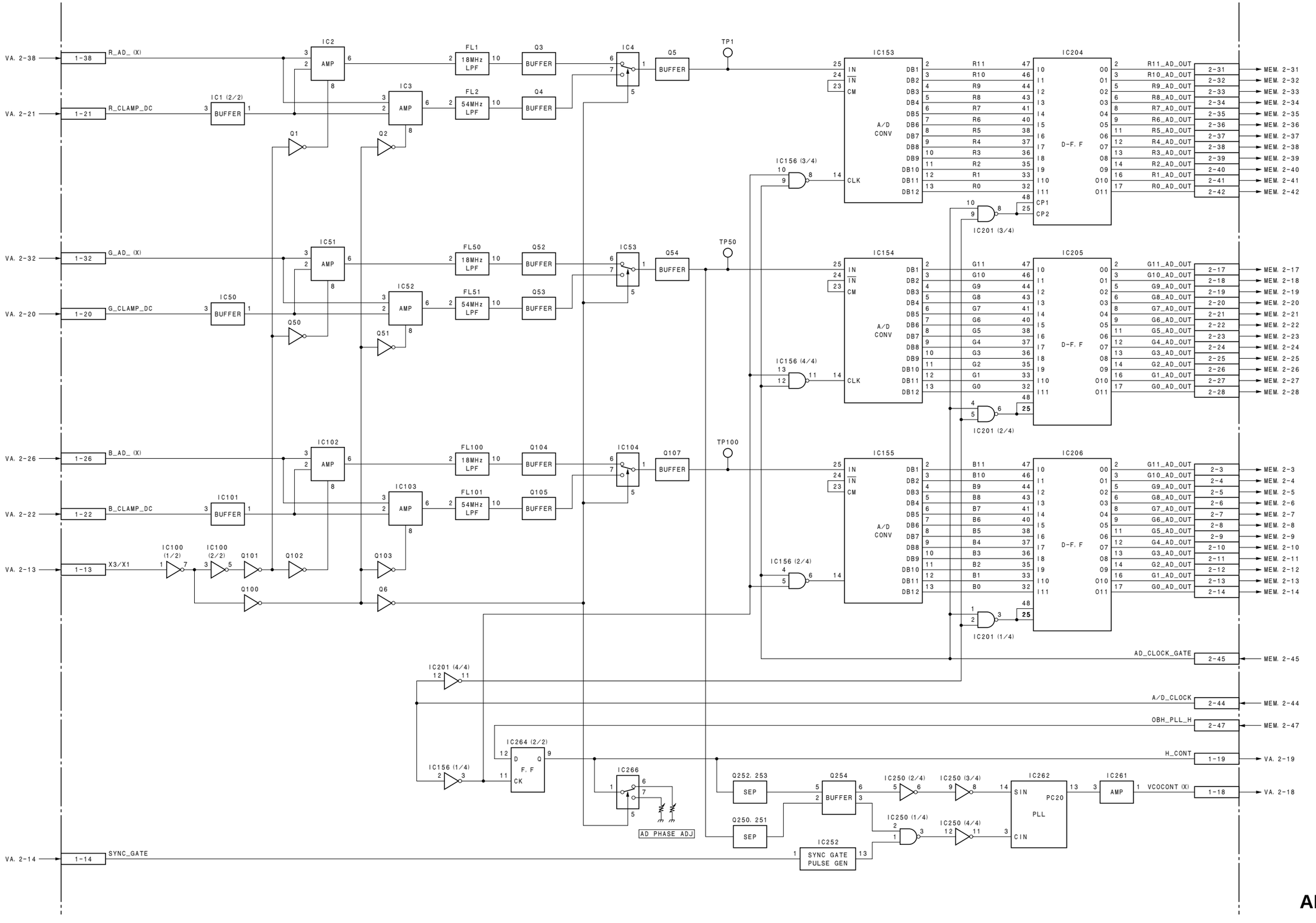


TG-194

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

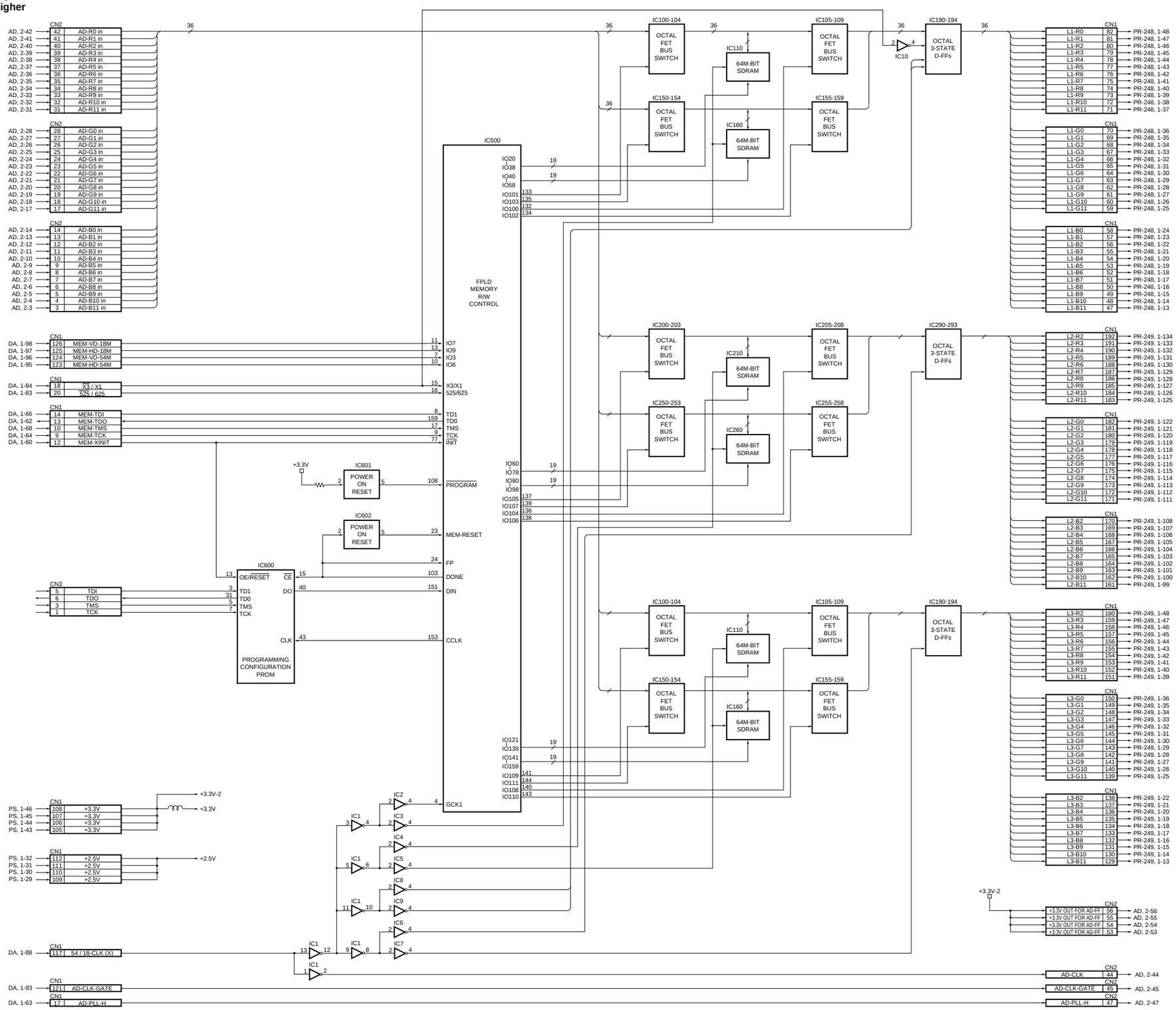


BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

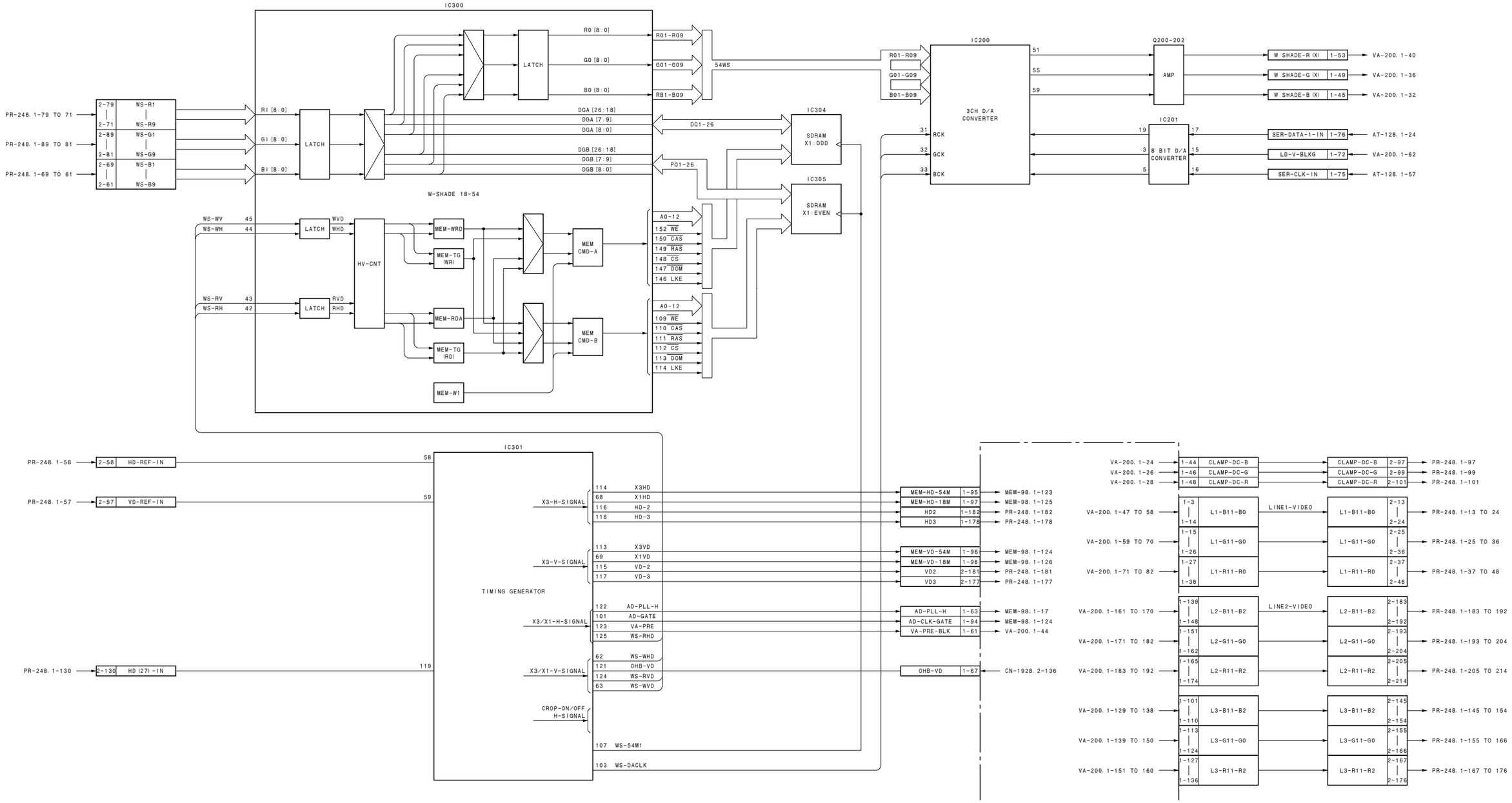


AD-157

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



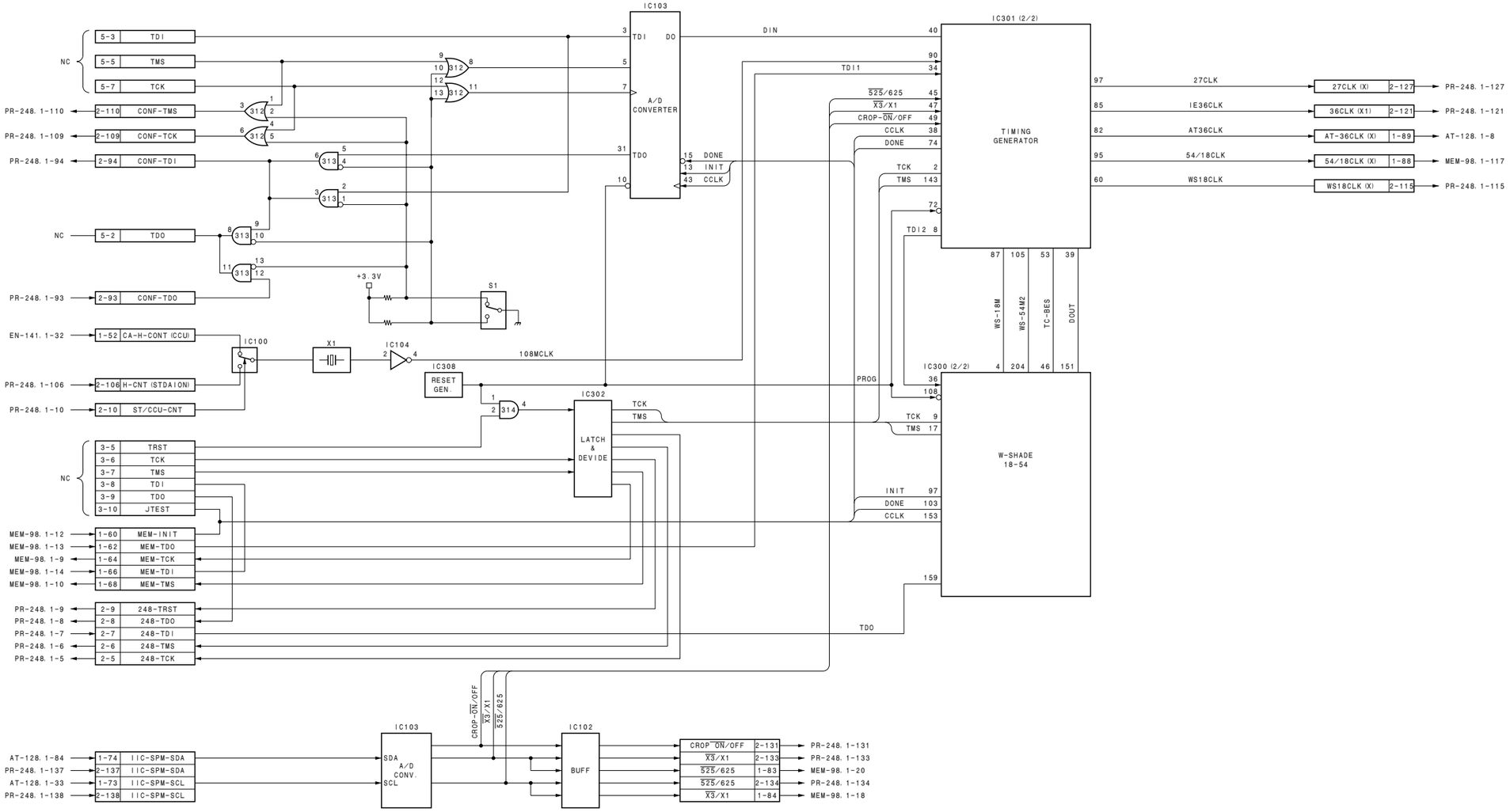
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



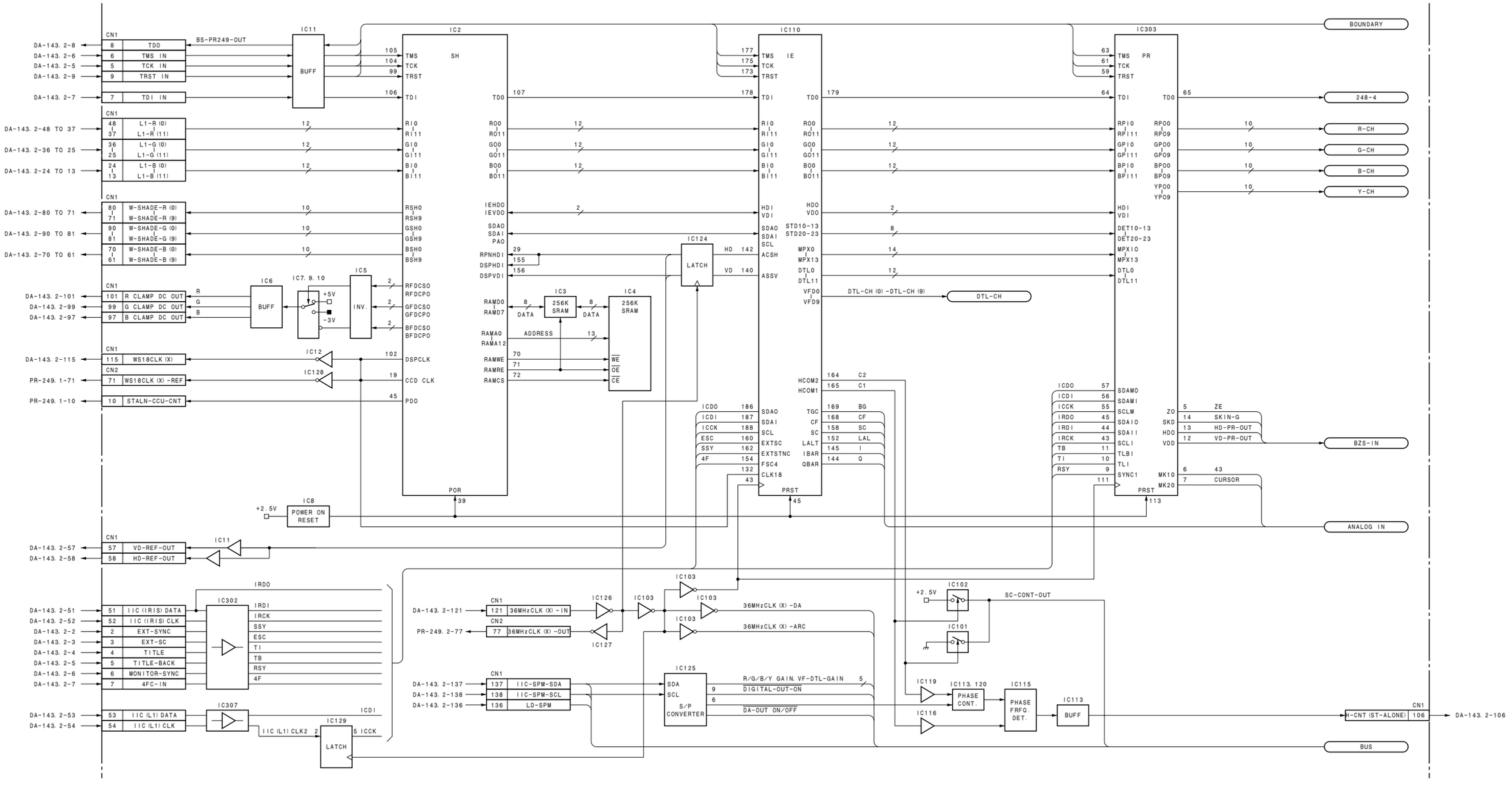
DA-143 (1/2)

 DA-143 (2/2)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

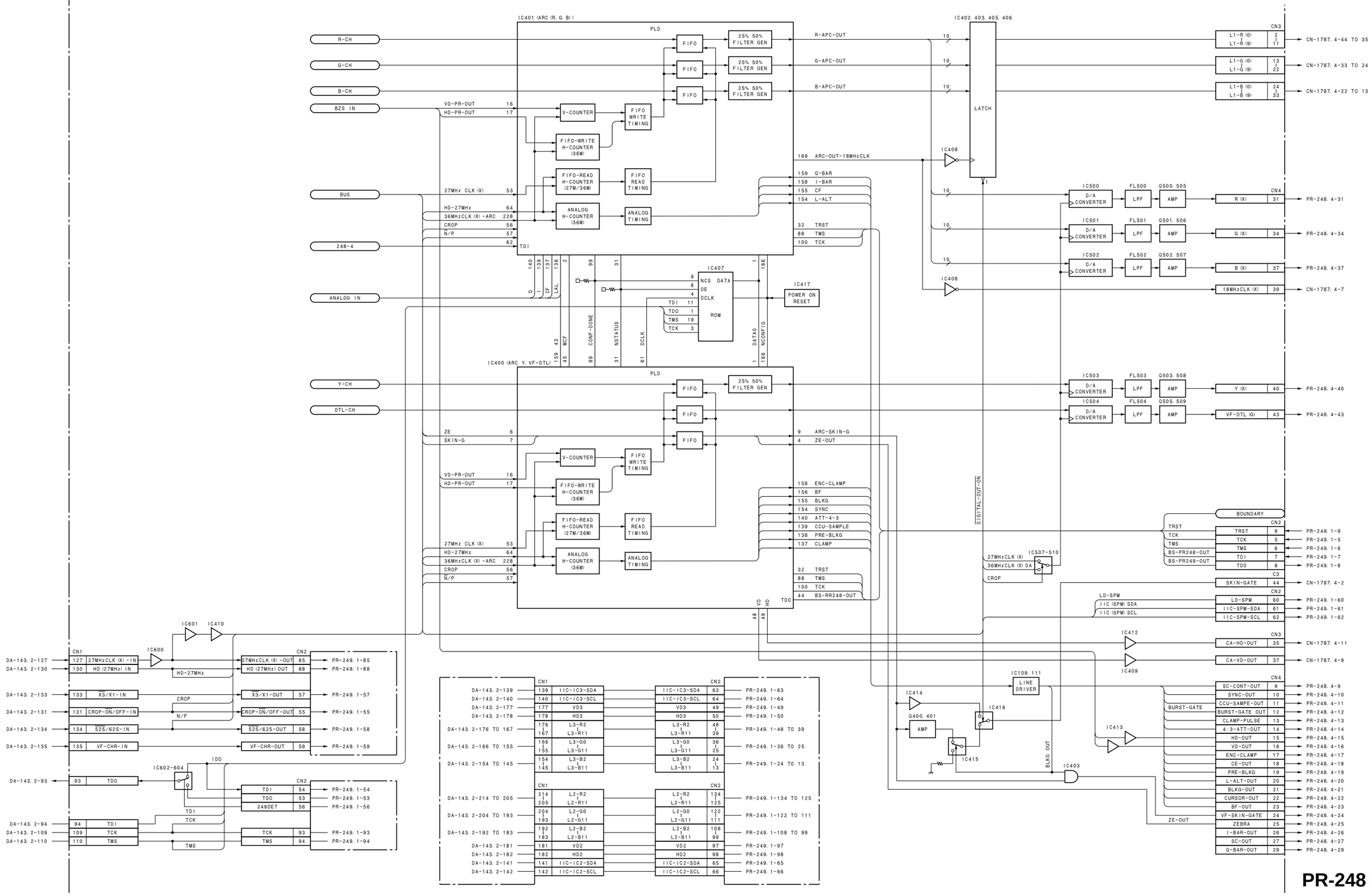


BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



PR-248 (2/2)

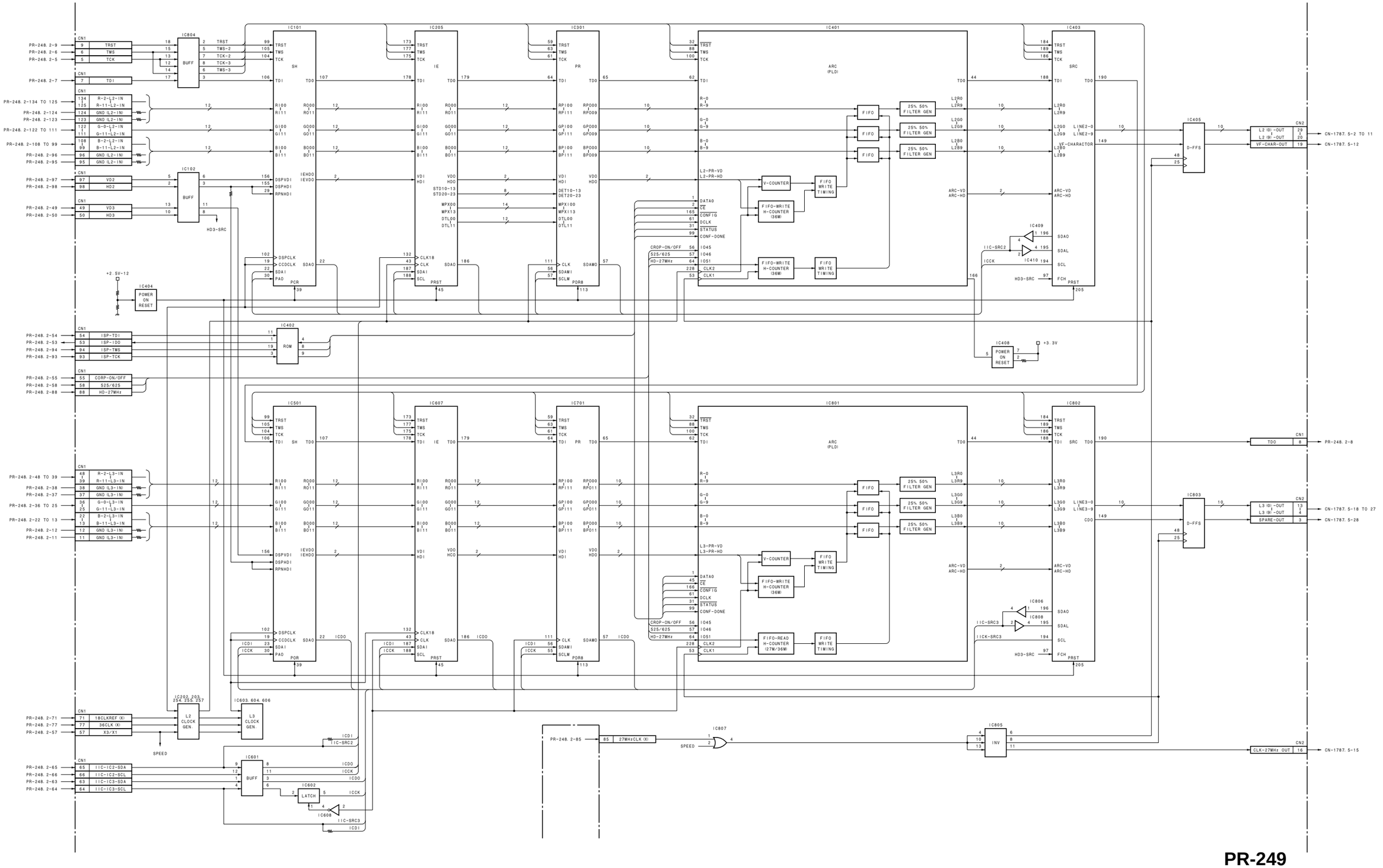
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



PR-248 (2/2)

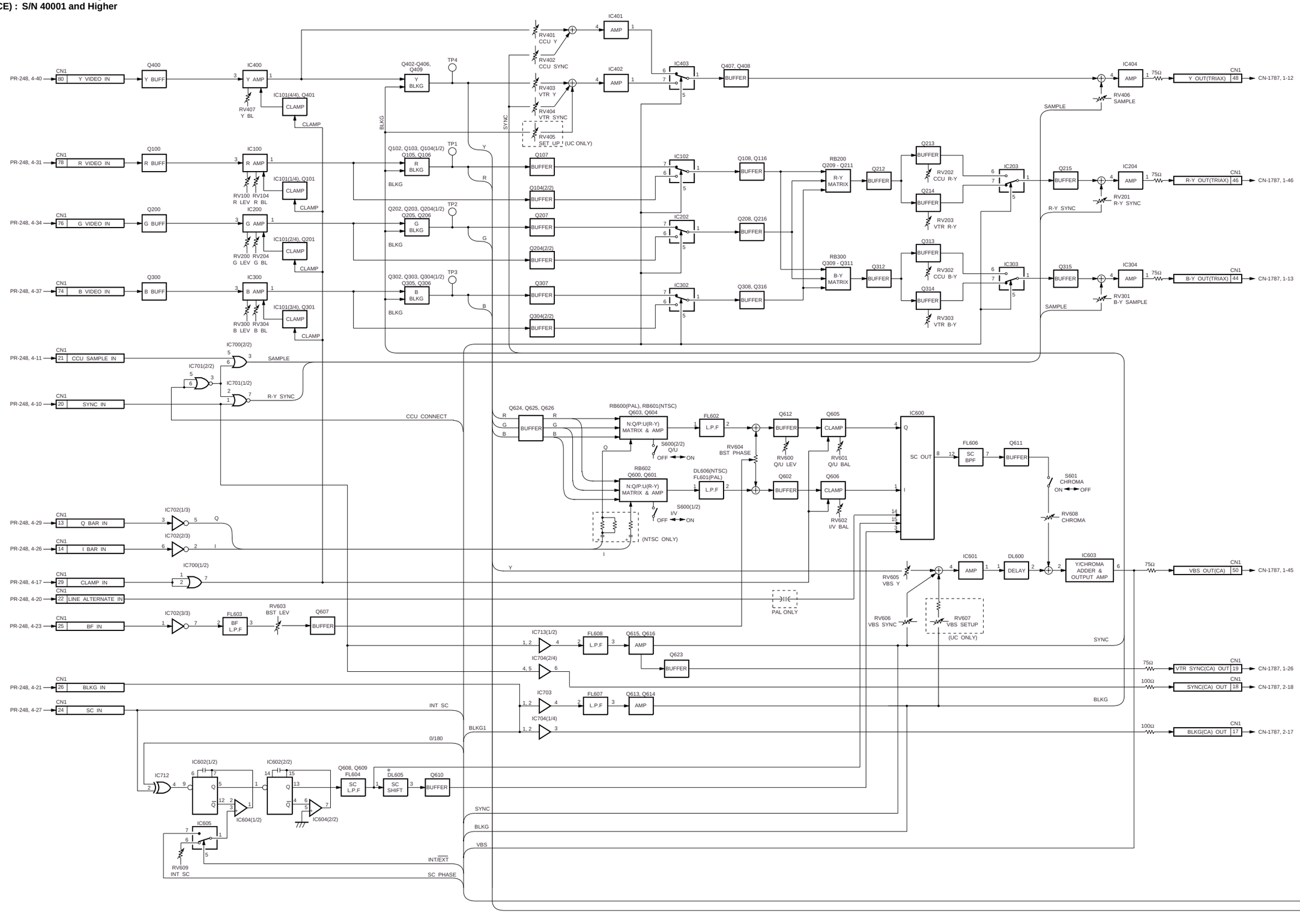
6-16

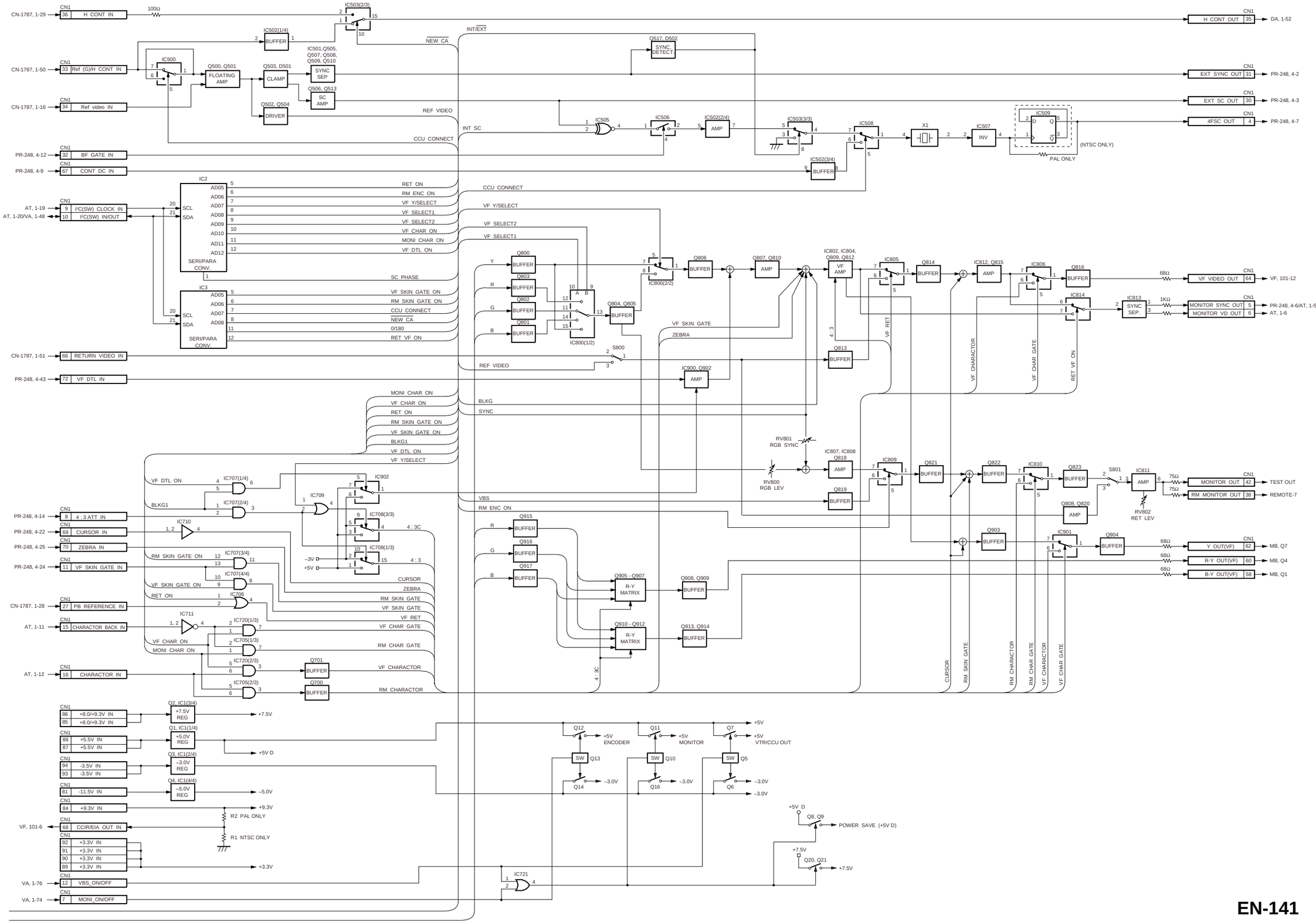
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



PR-249

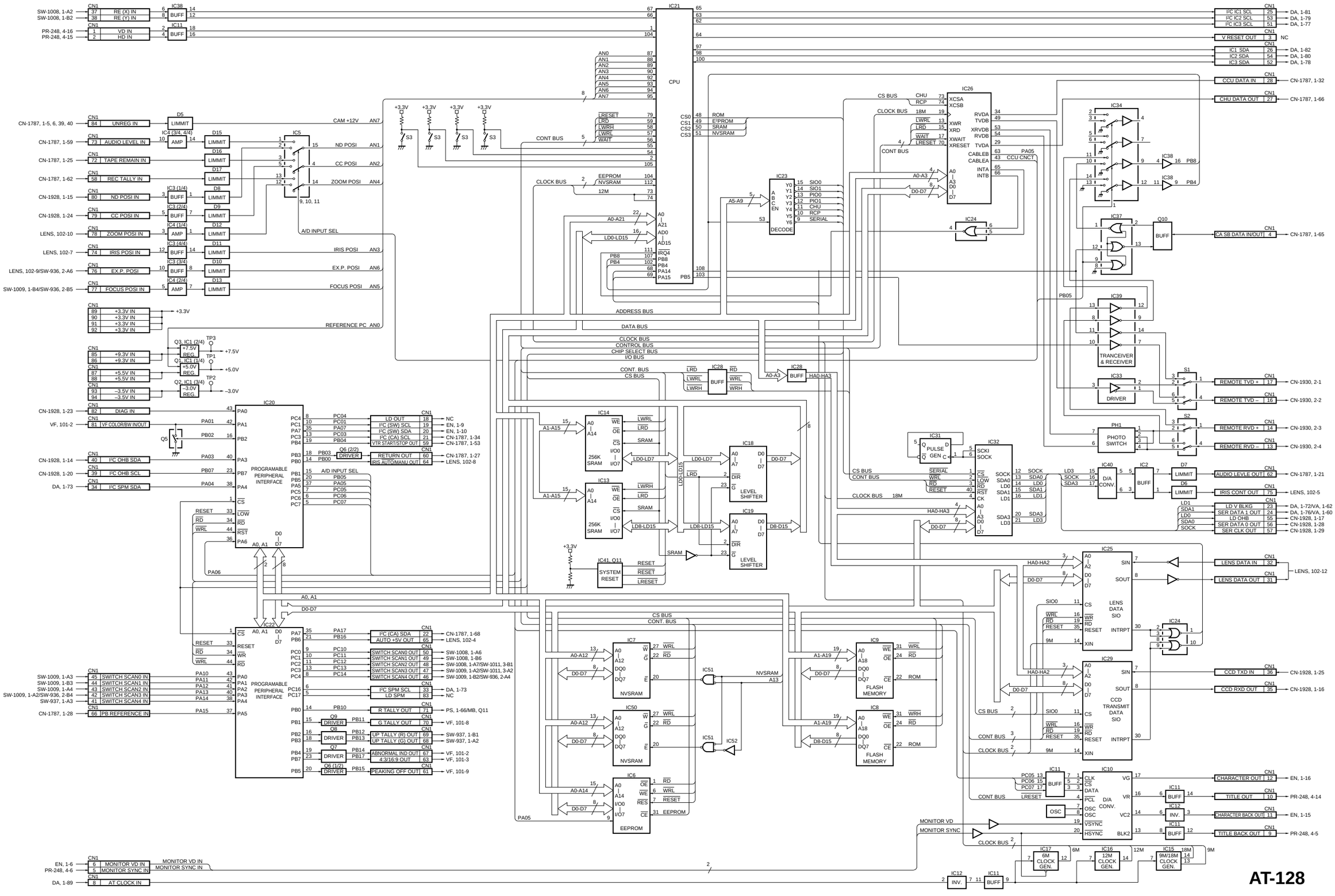
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher




CN1 36 H CONT IN
CN-1787, 1-29
100Ω
IC503(2/3)
IC502(1/4) BUFFER
NEW CA
INT/EXT
CN1 H CONT OUT 35
DA, 1-52
Q517, D502 SYNC DETECT
CN1 33 Ref (G)/H CONT IN
CN-1787, 1-50
IC500
Q500, Q501 FLOATING AMP
Q503, D501 CLAMP
IC501,Q505, Q507, Q508, Q509, Q510 SYNC SEP
Q506, Q513 SC AMP
Q502, Q504 DRIVER
CN1 EXT SYNC OUT 31
PR-248, 4-2
CN1 34 Ref video IN
CN-1787, 1-16
REF VIDEO
CN1 EXT SC OUT 30
PR-248, 4-3
INT SC
CCU CONNECT
IC505
IC506
IC502(2/4) AMP
IC503(3/3)
IC508
X1
IC507 INV
IC509 D Q
CN1 4FSC OUT 4
PR-248, 4-7
(NTSC ONLY)
PAL ONLY
CN1 32 BF GATE IN
PR-248, 4-12
CN1 67 CONT DC IN
PR-248, 4-9
IC502(3/4) BUFFER
CCU CONNECT
IC2
RET ON
RM ENC ON
VF Y/SELECT
VF SELECT1
VF SELECT2
VF CHAR ON
MONI CHAR ON
VF DTL ON
SCL
SDA
SERI/PARA CONV.
CN1 9 I²C(SW) CLOCK IN
CN1 10 I²C(SW) IN/OUT
AT, 1-19
AT, 1-20/VA, 1-48
VF Y/SELECT
VF SELECT2
VF SELECT1
Q800 BUFFER
Q803 BUFFER
Q802 BUFFER
Q801 BUFFER
Y
R
G
B
IC800(1/2)
IC800(2/2)
Q804, Q805 BUFFER
Q806 BUFFER
Q807, Q810 AMP
IC802, IC804, Q809, Q812 VF AMP
IC805
Q814 BUFFER
IC812, Q815 AMP
IC806
Q816 BUFFER
68Ω
CN1 VF VIDEO OUT 64
VF, 101-12
IC814
IC813 SYNC SEP.
1KΩ
CN1 MONITOR SYNC OUT 5
CN1 MONITOR VD OUT 6
PR-248, 4-6/AT, 1-5
AT, 1-6
IC3
SC PHASE
VF SKIN GATE ON
RM SKIN GATE ON
CCU CONNECT
NEW CA
0/180
RET VF ON
SCL
SDA
SERI/PARA CONV.
CN1 66 RETURN VIDEO IN
CN-1787, 1-51
S800
REF VIDEO
VF SKIN GATE
ZEBRA
IC900, Q902 AMP
Q813 BUFFER
4 : 3
VF RET
VF CHARACTOR
VF CHAR GATE
RET VF ON
CN1 72 VF DTL IN
PR-248, 4-43
MONI CHAR ON
VF CHAR ON
RET ON
RM SKIN GATE ON
VF SKIN GATE ON
BLKG1
VF DTL ON
VF Y/SELECT
BLKG
SYNC
RV801 RGB SYNC
RV800 RGB LEV
IC807, IC808 Q818 AMP
Q819 BUFFER
IC809
Q821 BUFFER
Q822 BUFFER
IC810
Q823 BUFFER
S801
IC811 AMP
RV802 RET LEV
75Ω
CN1 MONITOR OUT 42
TEST OUT
CN1 RM MONITOR OUT 38
REMOTE-7
Q808, Q820 AMP
VF DTL ON
BLKG1
IC707(1/4)
IC707(2/4)
IC709
IC902
IC708(3/3)
IC708(1/3)
–3V
+5V
4 : 3C
4 : 3
IC710
IC707(3/4)
IC707(4/4)
IC706
IC711
IC720(1/3)
IC705(1/3)
IC720(2/3)
IC705(2/3)
Q701 BUFFER
Q700 BUFFER
CURSOR
ZEBRA
RM SKIN GATE
VF SKIN GATE
VF RET
VF CHAR GATE
RM CHAR GATE
VF CHARACTOR
RM CHARACTOR
PR-248, 4-14
CN1 8 4 : 3 ATT IN
PR-248, 4-22
CN1 69 CURSOR IN
PR-248, 4-25
CN1 70 ZEBRA IN
PR-248, 4-24
CN1 11 VF SKIN GATE IN
CN-1787, 1-28
CN1 27 PB REFERENCE IN
AT, 1-11
CN1 15 CHRACTOR BACK IN
AT, 1-12
CN1 16 CHARACTOR IN
VBS
RM ENC ON
Q915 BUFFER
Q916 BUFFER
Q917 BUFFER
Q905 - Q907 R-Y MATRIX
Q910 - Q912 R-Y MATRIX
Q908, Q909 BUFFER
Q913, Q914 BUFFER
Q903 BUFFER
IC901
Q904 BUFFER
68Ω
CN1 Y OUT(VF) 62
MB, Q7
CN1 R-Y OUT(VF) 60
MB, Q4
CN1 B-Y OUT(VF) 58
MB, Q1
CURSOR
RM SKIN GATE
RM CHARACTOR
RM CHAR GATE
VF CHARACTOR
VF CHAR GATE
Q2, IC1(3/4) +7.5V REG
Q1, IC1(1/4) +5.0V REG
Q3, IC1(2/4) –3.0V REG
Q4, IC1(4/4) –5.0V REG
CN1 86 +8.0/+9.3V IN
CN1 85 +8.0/+9.3V IN
+7.5V
CN1 88 +5.5V IN
CN1 87 +5.5V IN
+5V D
CN1 94 -3.5V IN
CN1 93 -3.5V IN
–3.0V
CN1 81 -11.5V IN
–5.0V
CN1 84 +9.3V IN
+9.3V
R2 PAL ONLY
R1 NTSC ONLY
VF, 101-6
CN1 68 CCIR/EIA OUT IN
CN1 92 +3.3V IN
CN1 91 +3.3V IN
CN1 90 +3.3V IN
CN1 89 +3.3V IN
+3.3V
VA, 1-76
CN1 12 VBS_ON/OFF
VA, 1-74
CN1 7 MONI_ON/OFF
Q12 +5V ENCODER
Q11 +5V MONITOR
Q7 +5V VTR/CCU OUT
SW Q13
SW Q10
SW Q5
Q14 –3.0V
Q16 –3.0V
Q6 –3.0V
IC721
+5V D
Q8, Q9 POWER SAVE (+5V D)
+7.5V
Q20, Q21 +7.5V

EN-141

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



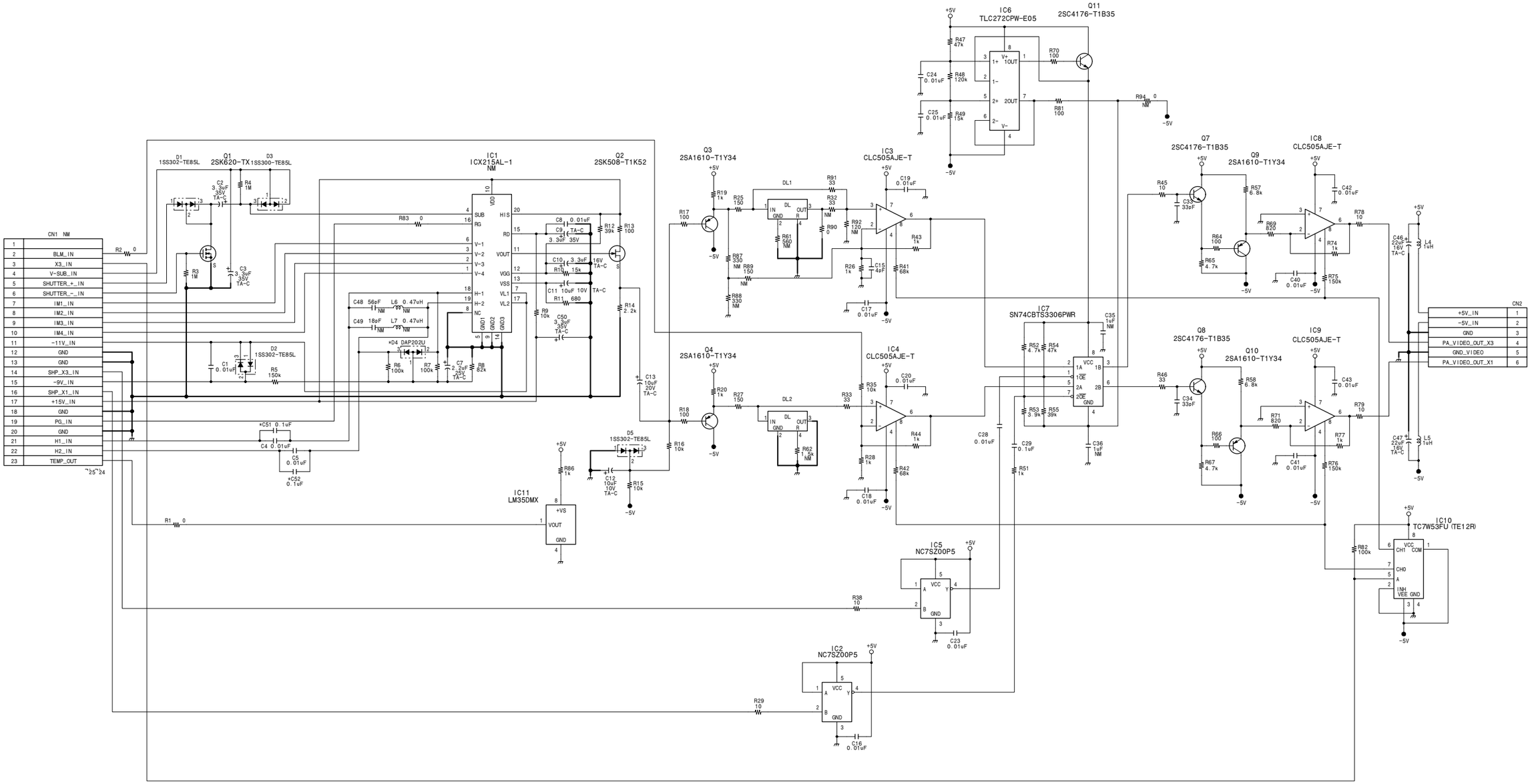
AT-128

Section 7
Schematic Diagrams

Schematic Diagram Index

		Page
A.	AD-157	7-24
	AT-128	7-64
C.	CN-1787	7-78
	CN-1927	7-80
	CN-1928	7-80
	CN-1929	7-80
	CN-1930	7-81
	CN-2045	7-81
	CN-2095	7-84
D.	DA-143	7-31
	DR-377	7-9
E.	EN-141	7-58
M.	MB-830	7-74
	MEM-98	7-26
N.	NR-65	7-3
P.	PA-226	7-2
	PR-248	7-36
	PR-249	7-47
	PS-553	7-70
	PS-554	7-73
S.	SH-69	7-6
	SW-936	7-82
	SW-937	7-83
	SW-1008	7-81
	SW-1009	7-81
	SW-1010	7-82
	SW-1011	7-82
T.	TG-194	7-10
	TG-203	7-16
V.	VA-189	7-4
	VA-200	7-20
Frame Wiring		7-82

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



NOTE
*

REF. NO.	CHANGE INFORMATION	SERIAL NO.
D4	1SS300-TE85L → DAP202UT106	10011- (UC) 30001- (J) 40008- (CE)
C51. C52	ADD	

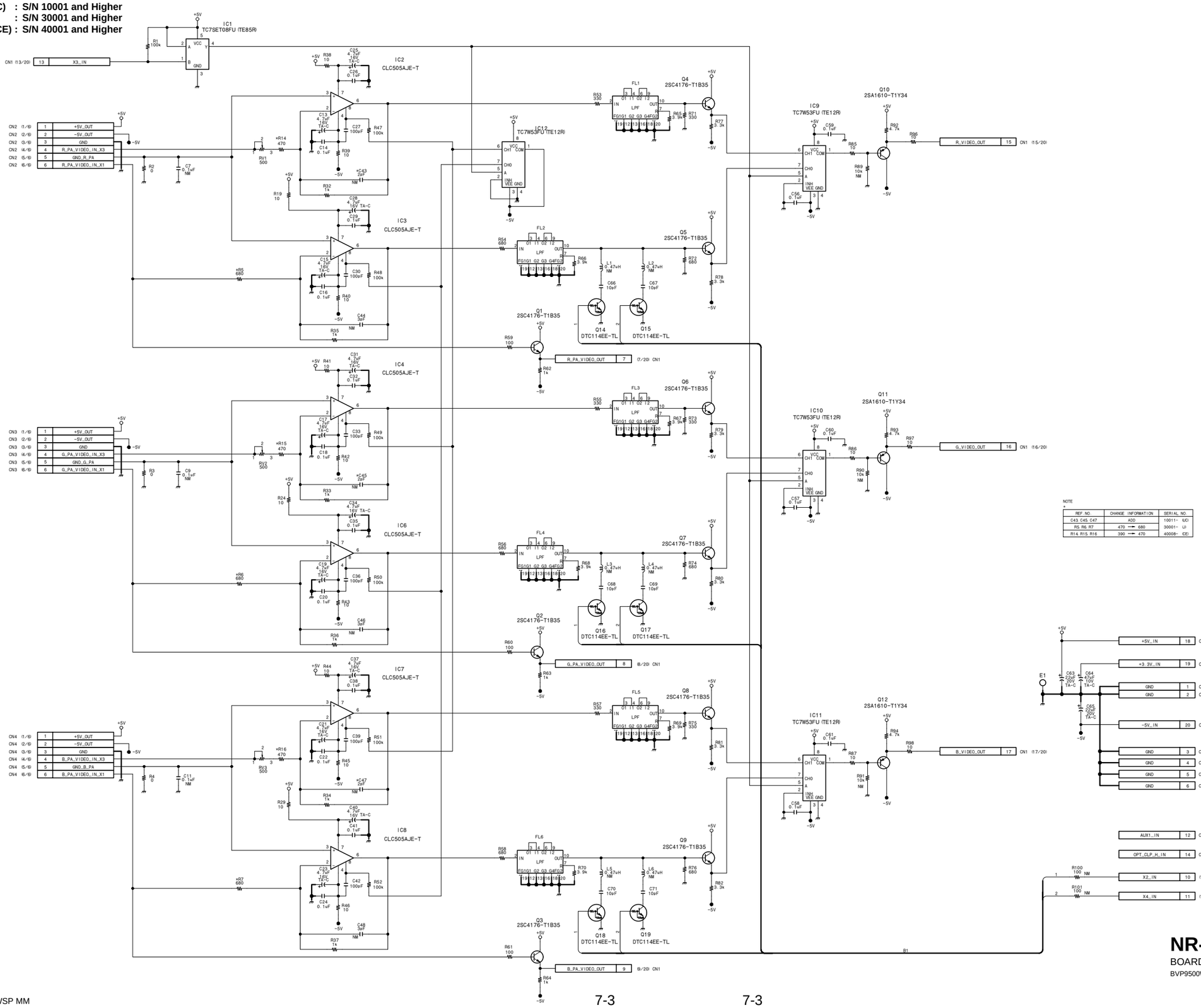
	PA-226 A-8327-180-A	*PA-226A* A-8327-177-A	PA-226B A-8327-178-A
A3	-	3-673-991-91	3-694-730-01
IC11	NM	LM35DMX 8-759-185-36	NM
R69	470 1-216-817-91	820 1-216-820-91	820 1-216-820-91
R71	470 1-216-817-91	820 1-216-820-91	820 1-216-820-91
R86	NM	1k 1-216-821-91	NM

PA-226

BOARD NO. 1-677-794-11

BVP9500WS_PA-226_11X_1

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

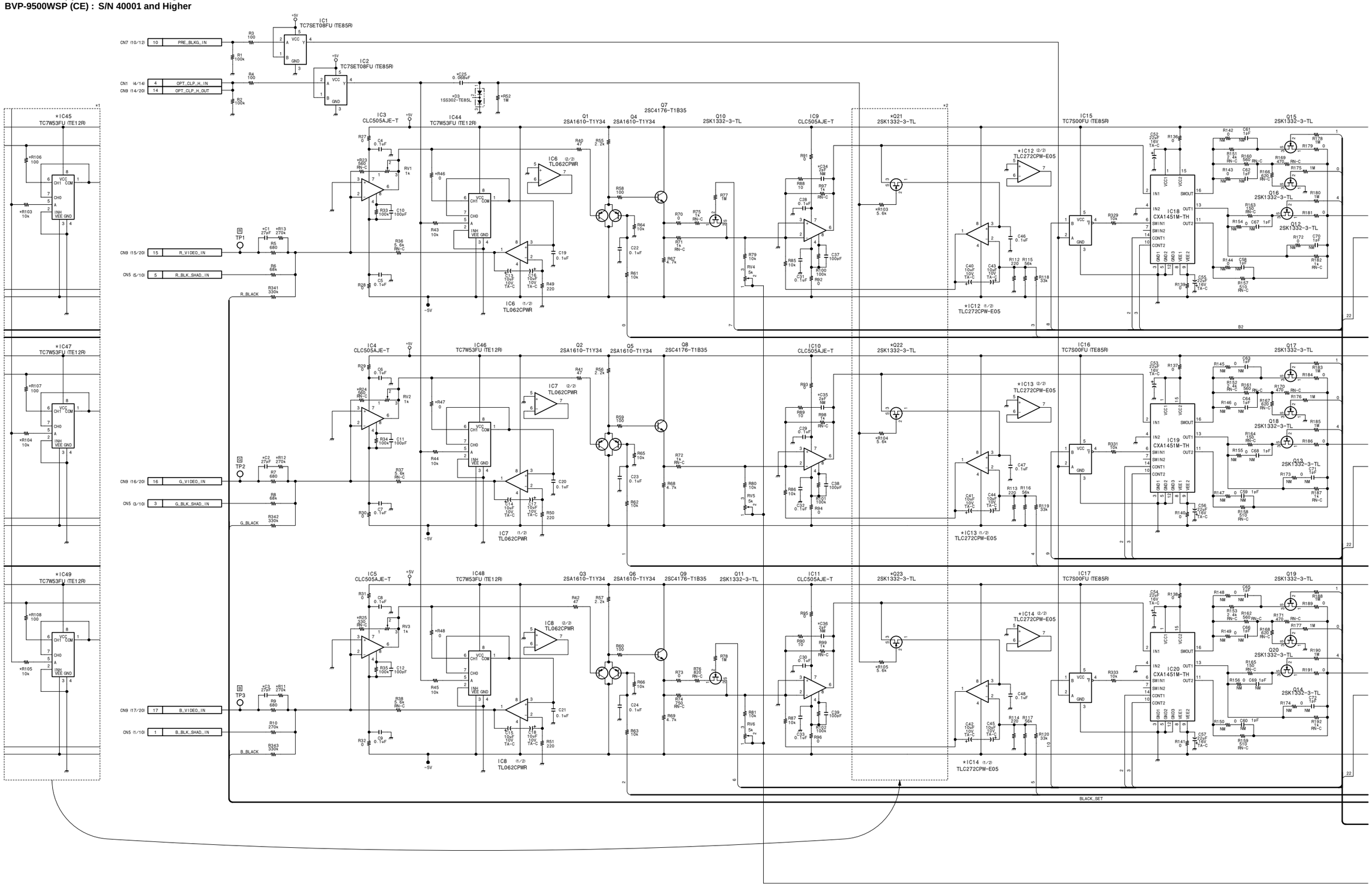


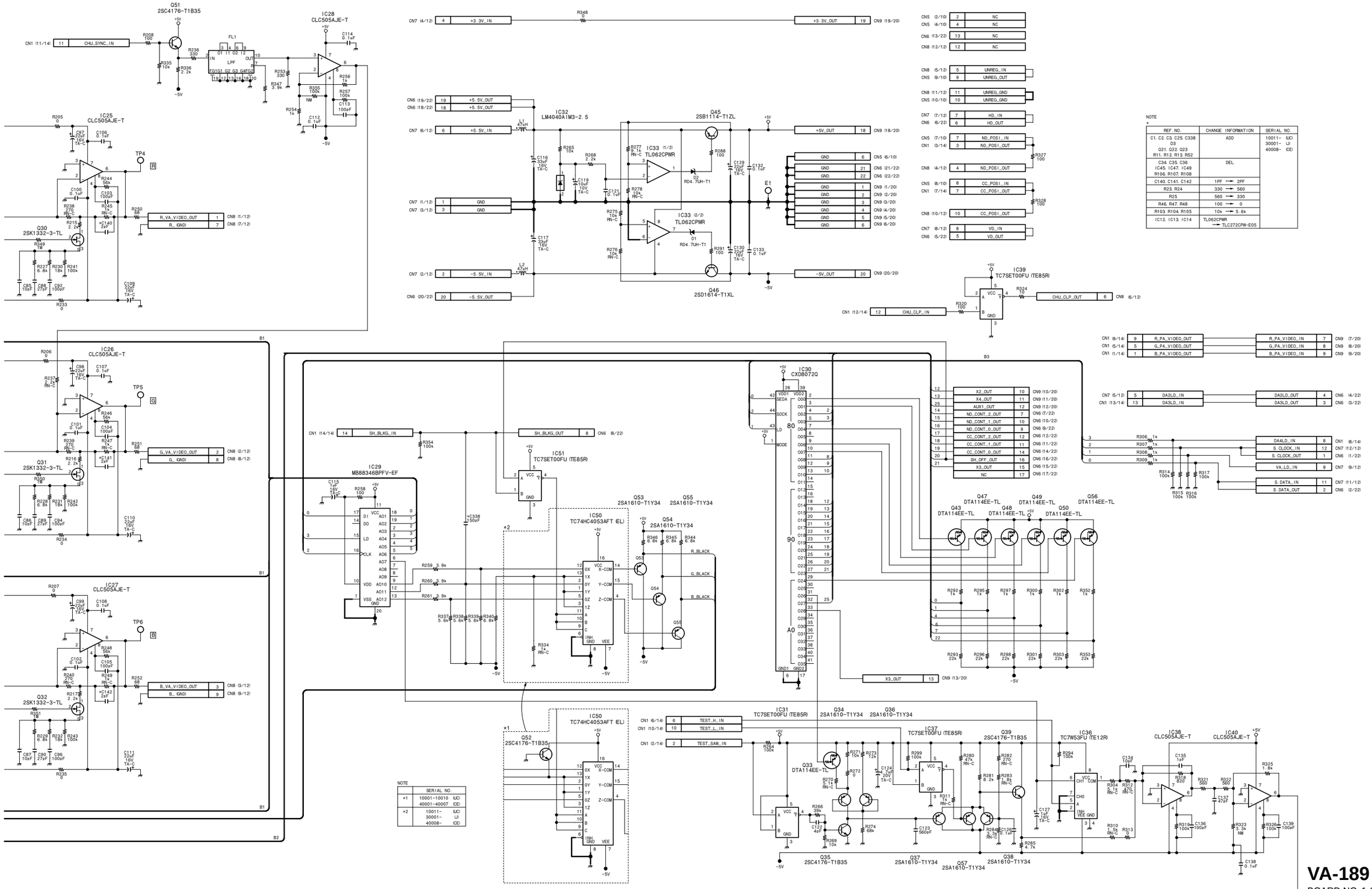
NOTE
*

REF. NO.	CHANGE INFORMATION	SERIAL NO.
C43, C45, C47	ADD	10011- UC)
R5, R6, R7	470 → 680	30001- U)
R14, R15, R16	390 → 470	40008- CE)

NR-65
BOARD NO. 1-677-796-11
BVP9500WS_NR-65_011_1

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher





NOTE
*

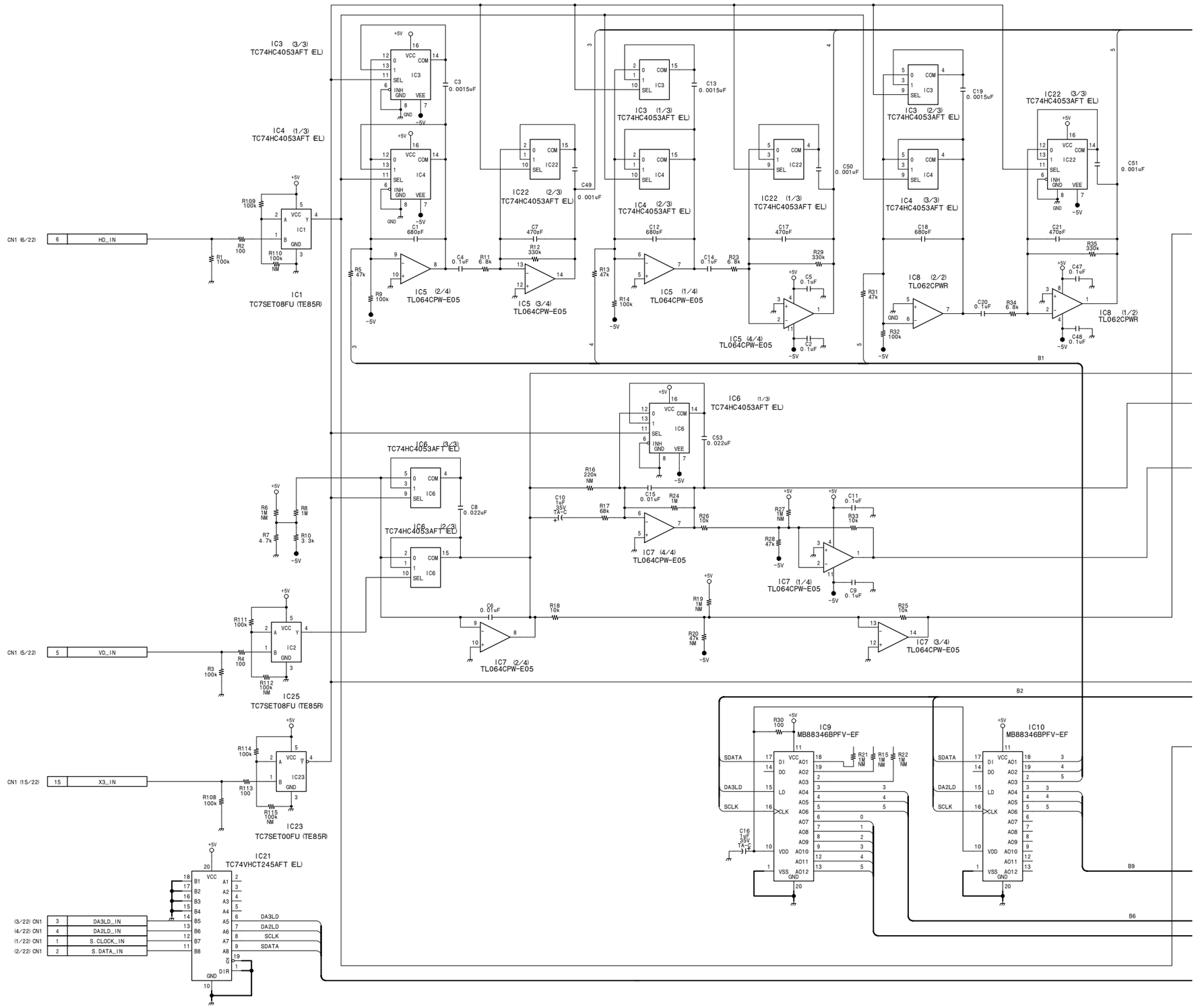
REF.NO.	CHANGE INFORMATION	SERIAL NO.
C1. C2. C3. C25. C338 D3 Q21. Q22. Q23 R11. R12. R13. R52	ADD	10011- (UC) 30001- (J) 40008- (CE)
C34. C35. C36 IC45. IC47. IC49 R106. R107. R108	DEL	
C140. C141. C142	1PF → 2PF	
R23. R24	330 → 560	
R25	560 → 330	
R46. R47. R48	100 → 0	
R103. R104. R105	10k → 5.6k	
IC12. IC13. IC14	TL062CPWR → TLC272CPW-E05	

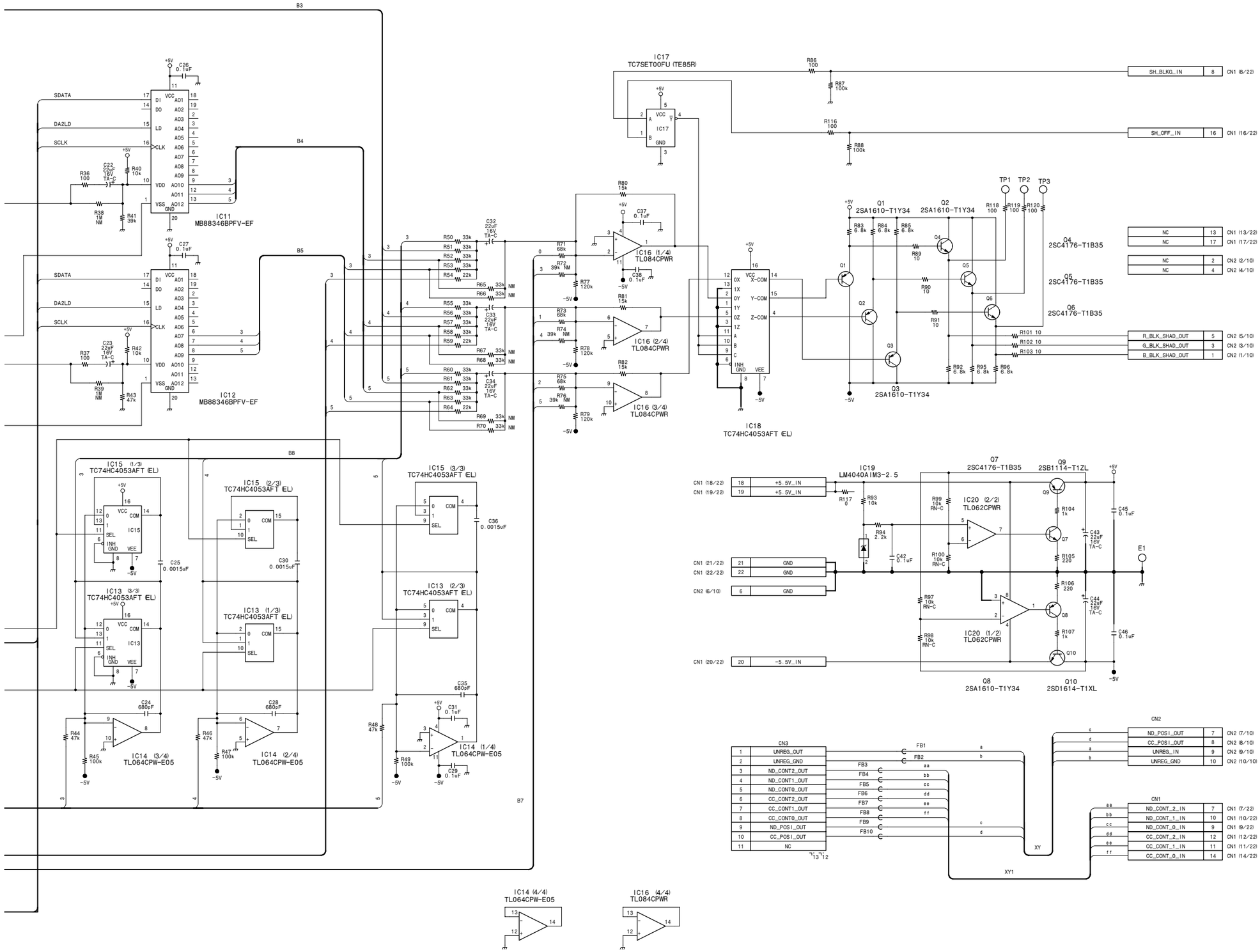
NOTE

	SERIAL NO.
*1	10001-10010 (UC) 40001-40007 (CE)
*2	10011- (UC) 30001- (J) 40008- (CE)

VA-189
BOARD NO. 1-677-799-11
BVP9500WS_VA-189_11B_1

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher





BVP-9500WS/9500WSP MM

7-7 (b)

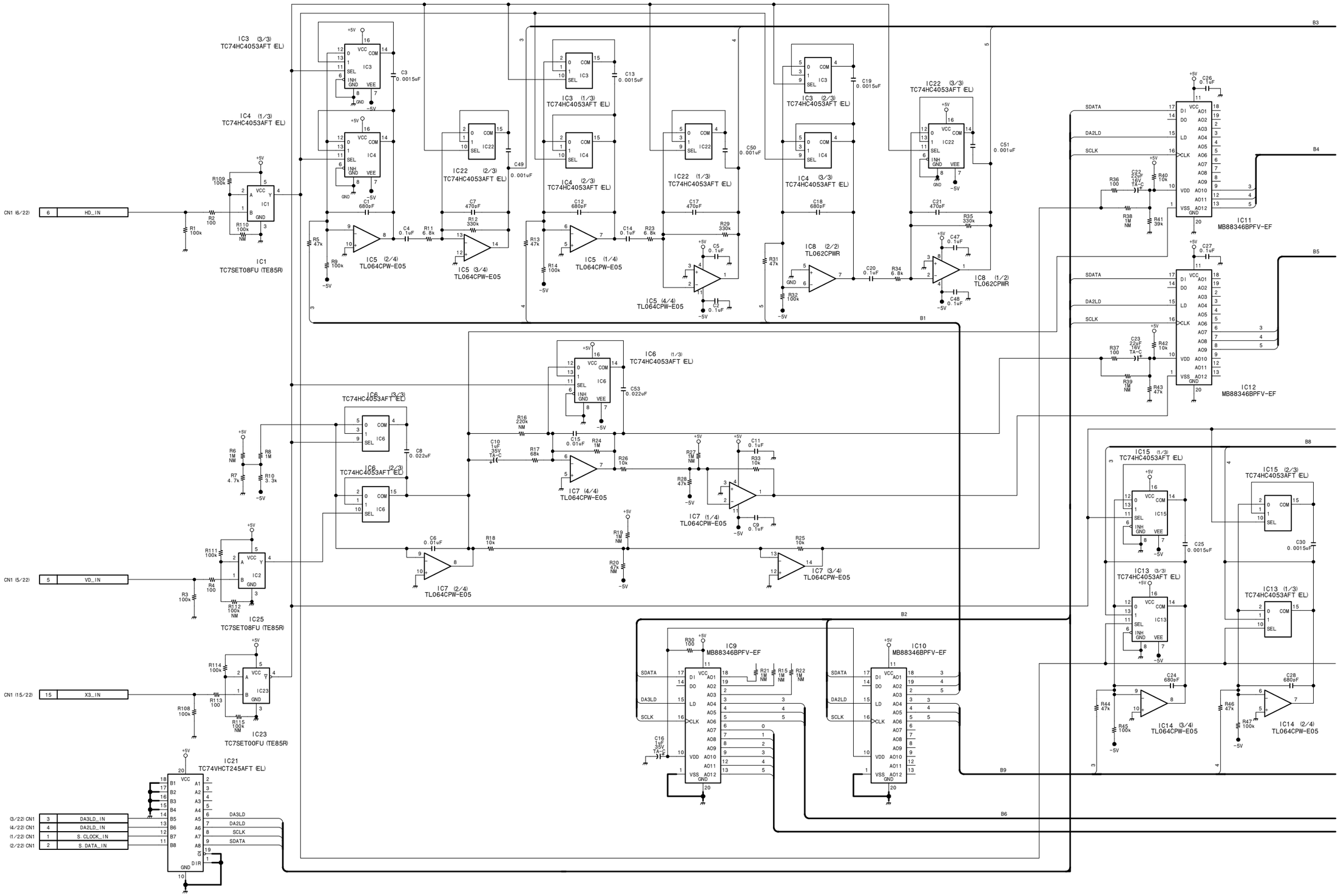
7-7 (b)

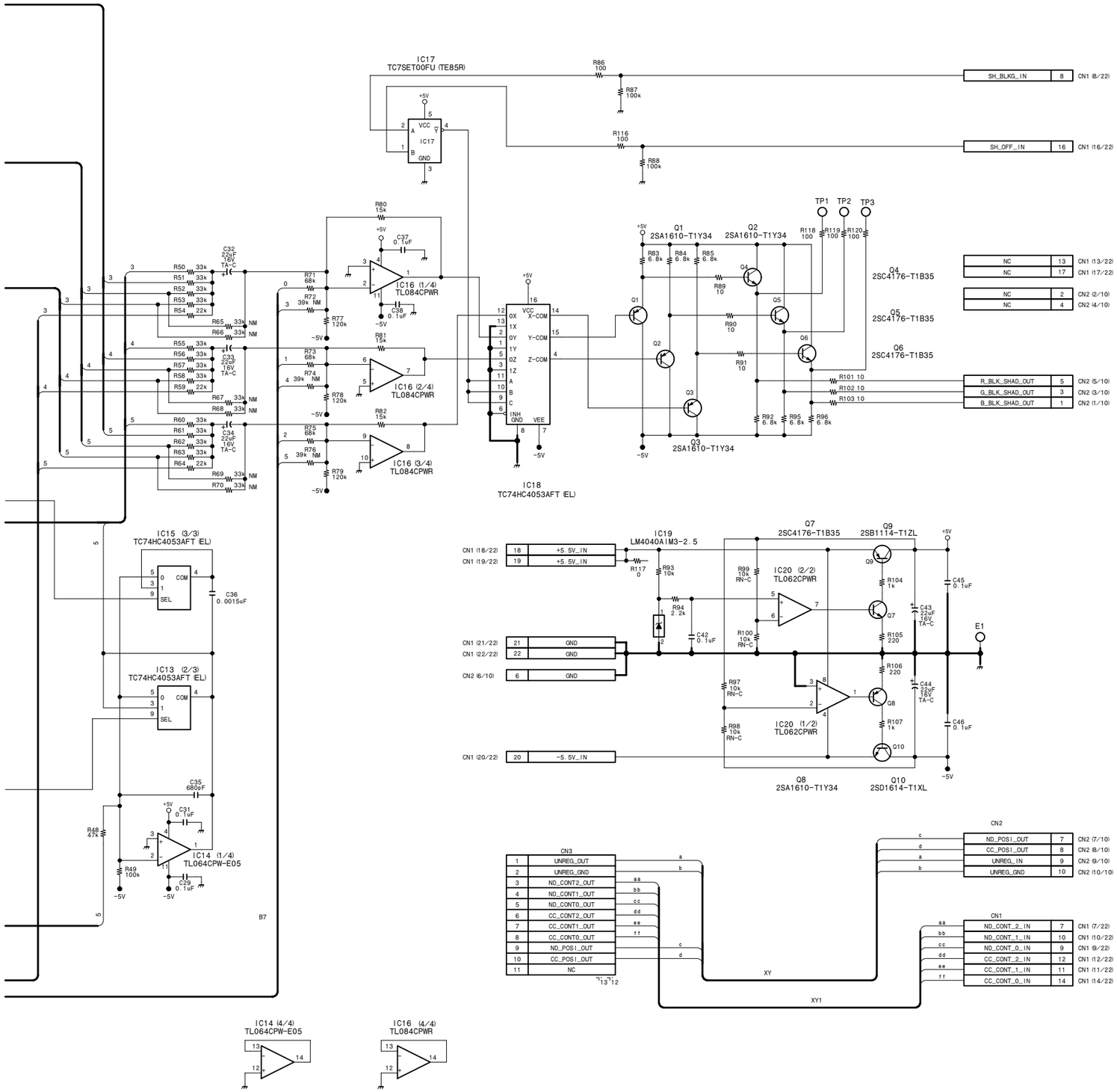
SH-69

BOARD NO. 1-677-797-12

BVP9500WS_SH-69_12A_1

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007





SH-69

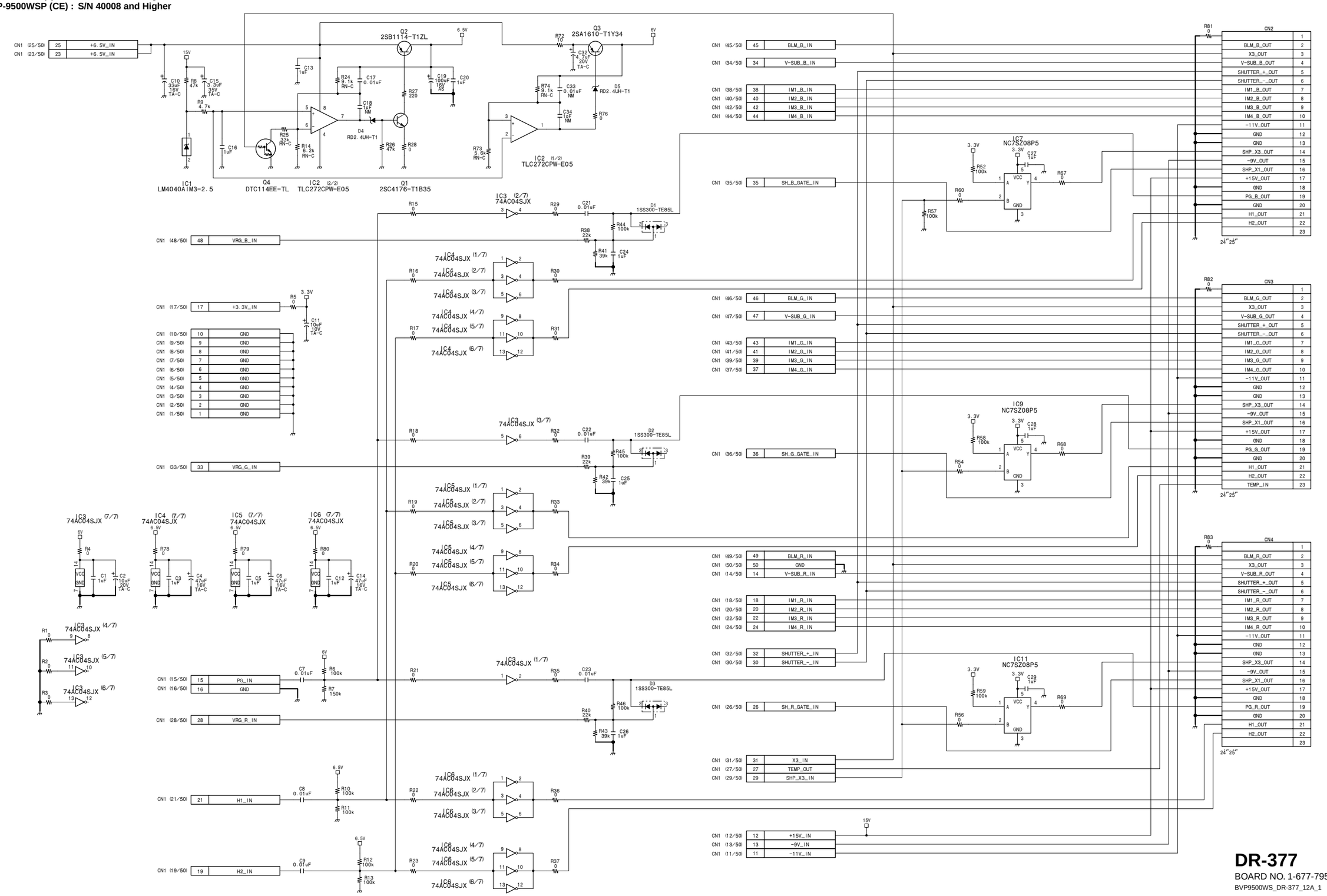
BOARD NO. 1-677-797-11

BVP9500WS_SH-69_011_1

BVP-9500WS/9500WSP MM

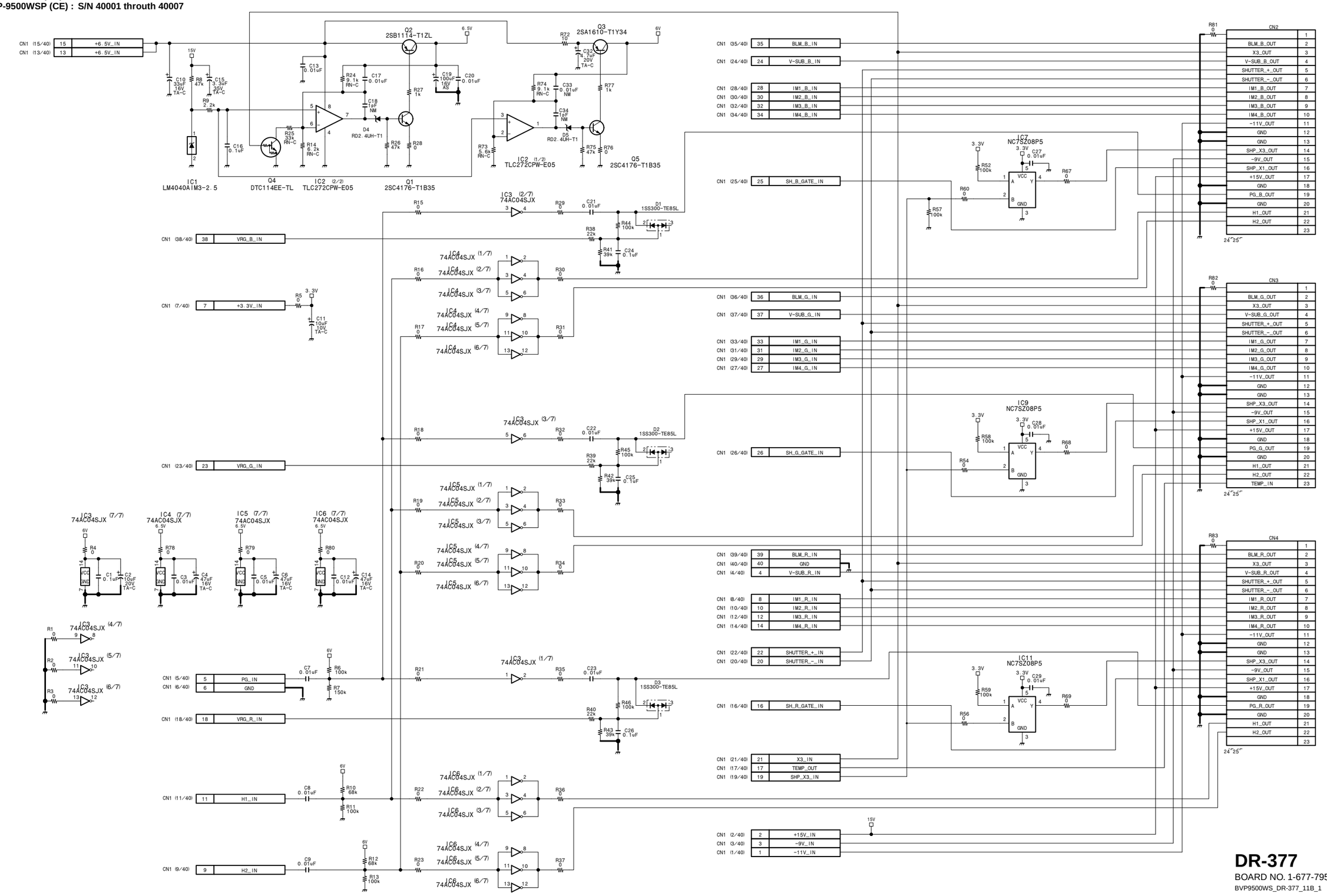
7-7 (a) 7-7 (a)

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



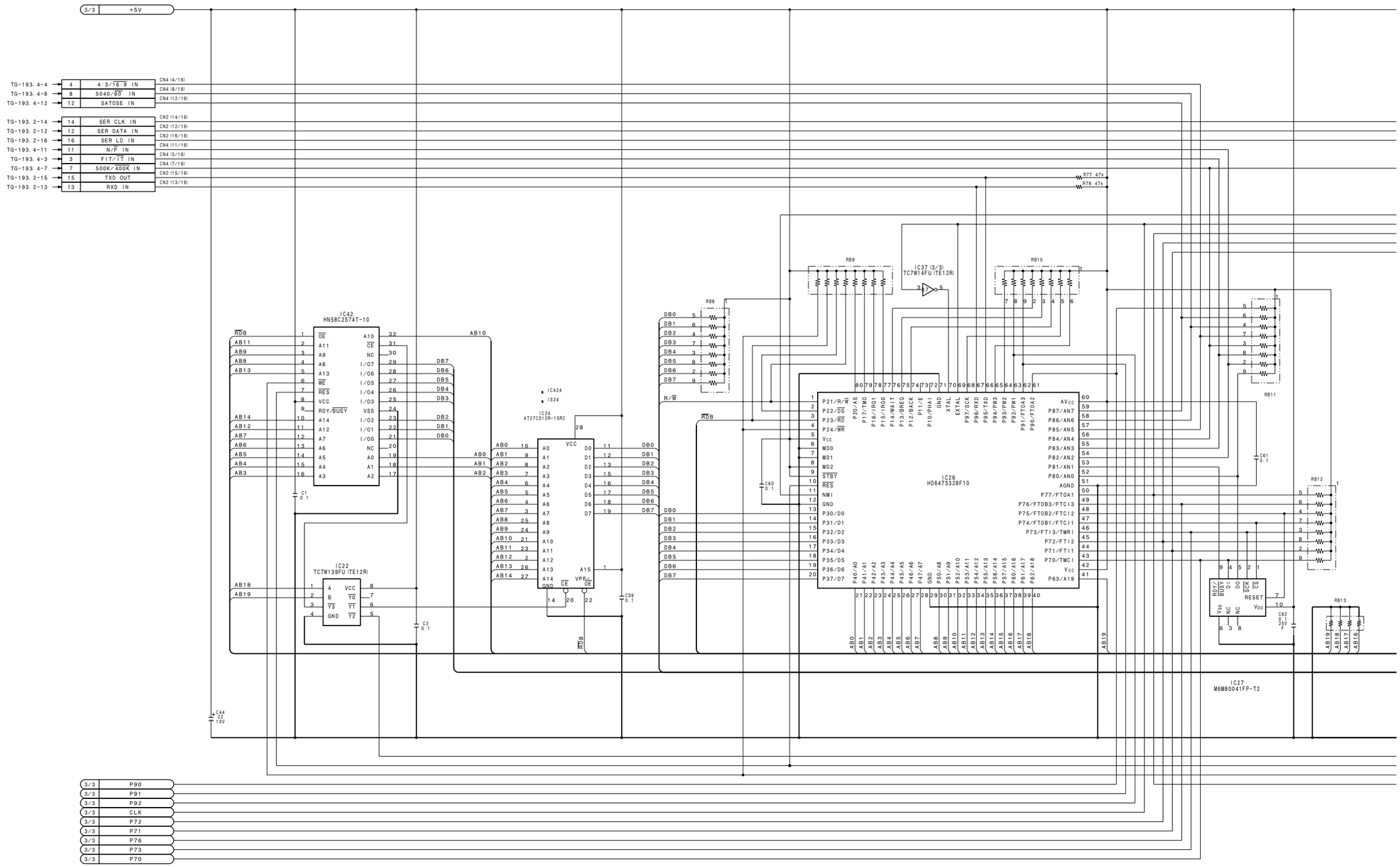
DR-377
BOARD NO. 1-677-795-12
BVP9500WS_DR-377_12A_1

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007

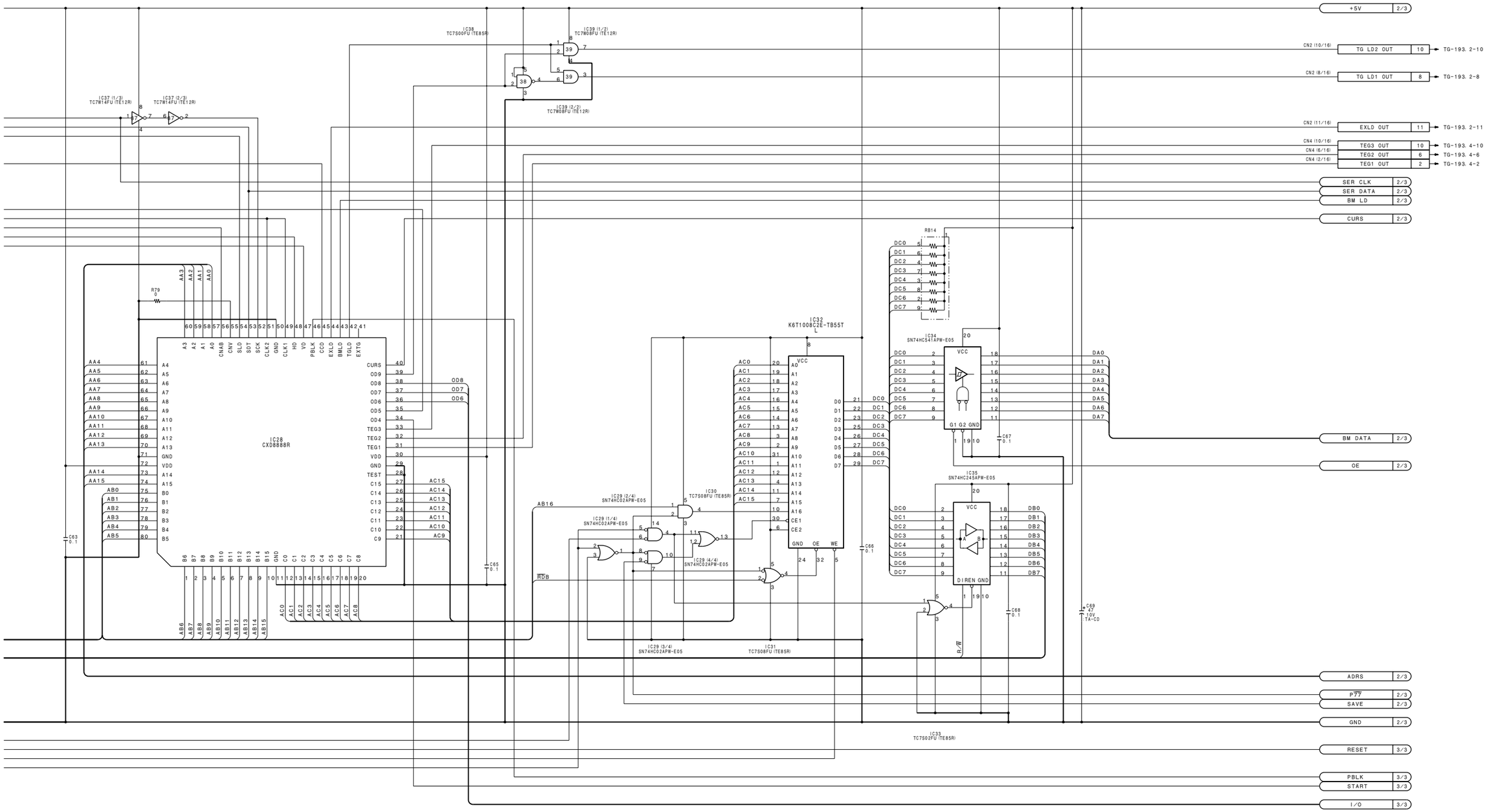


DR-377
BOARD NO. 1-677-795-11
BVP9500WS_DR-377_11B_1

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



TG-194 (1/3)

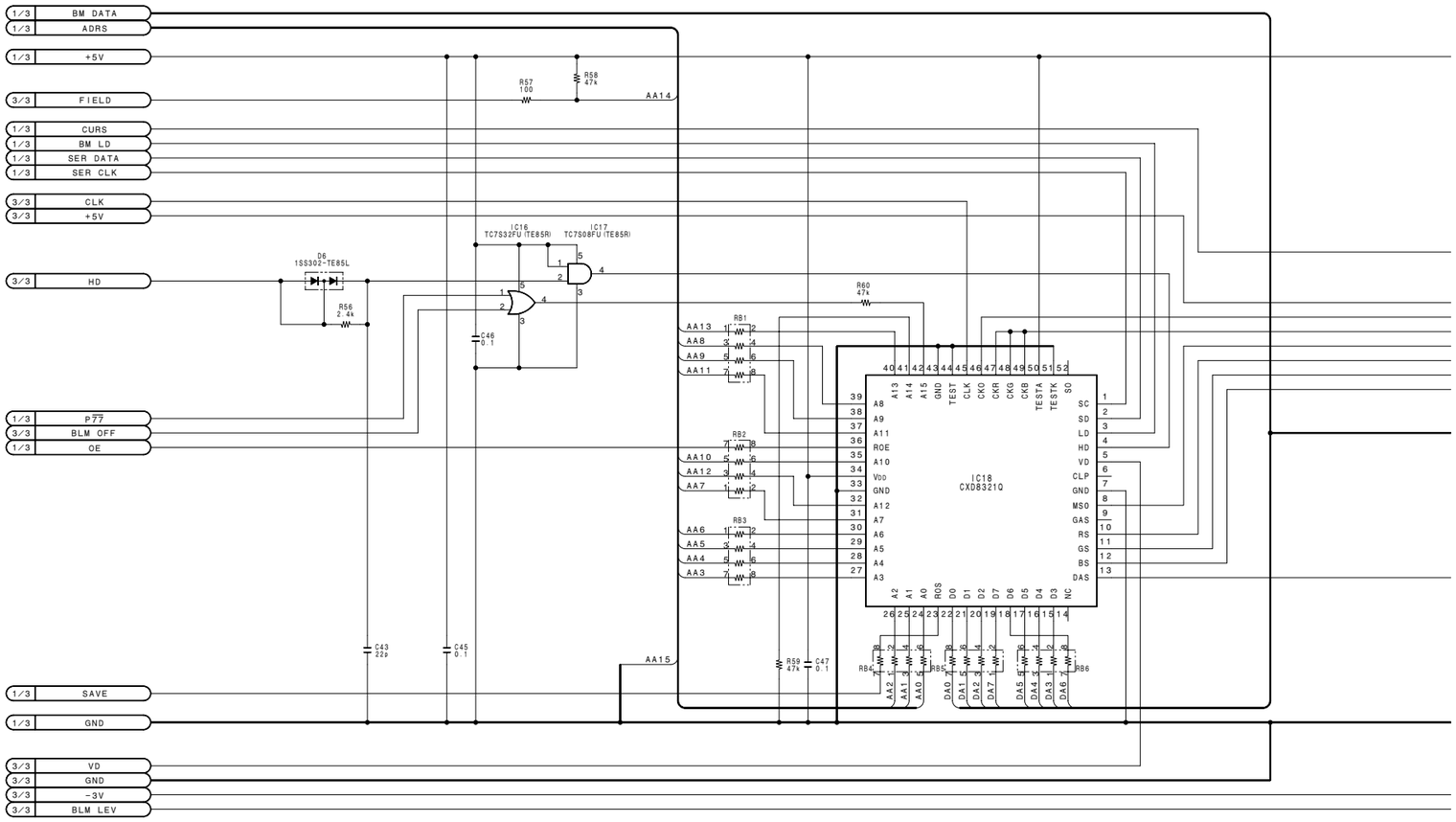


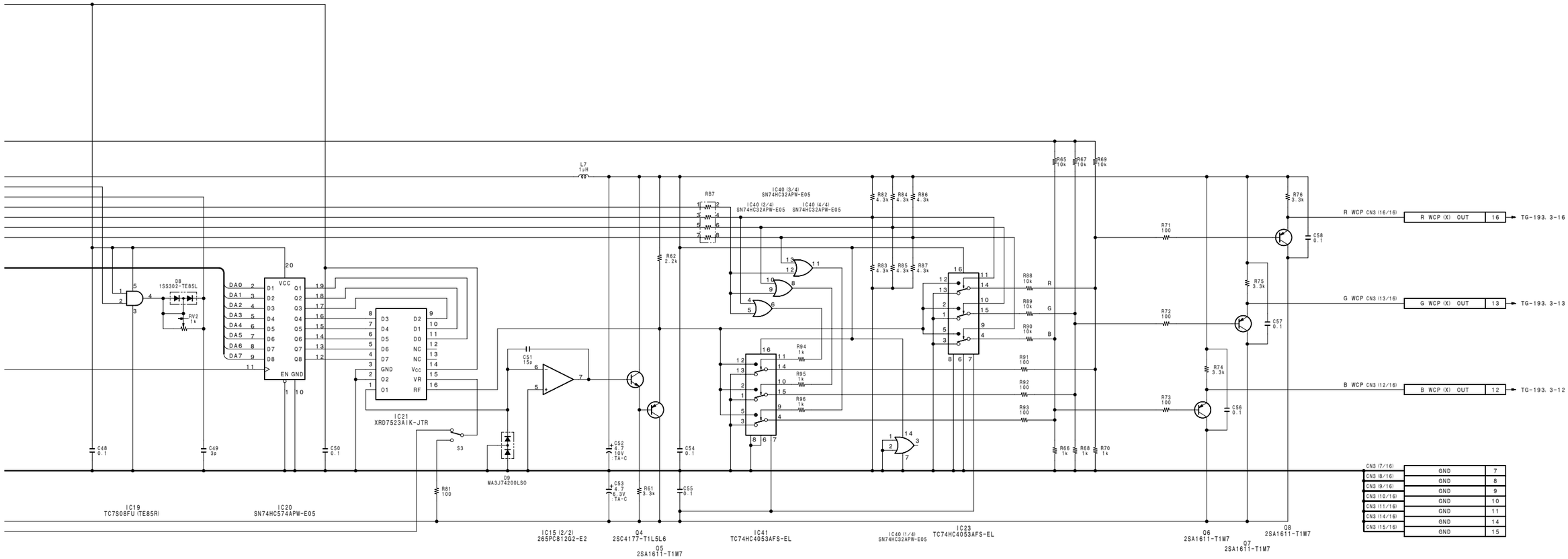
TG-194 (1/3)

BOARD NO. 1-667-999-11

B-¥OHB750A-TG194-12@-M

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



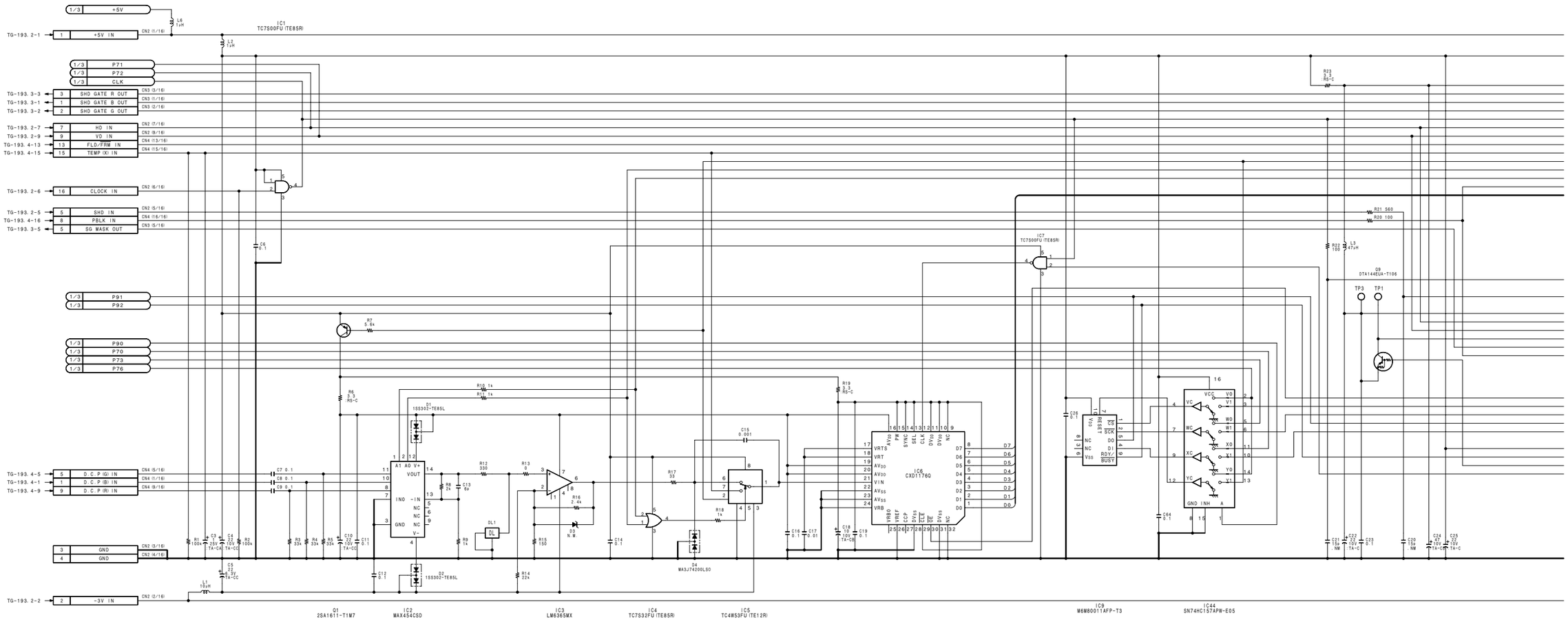


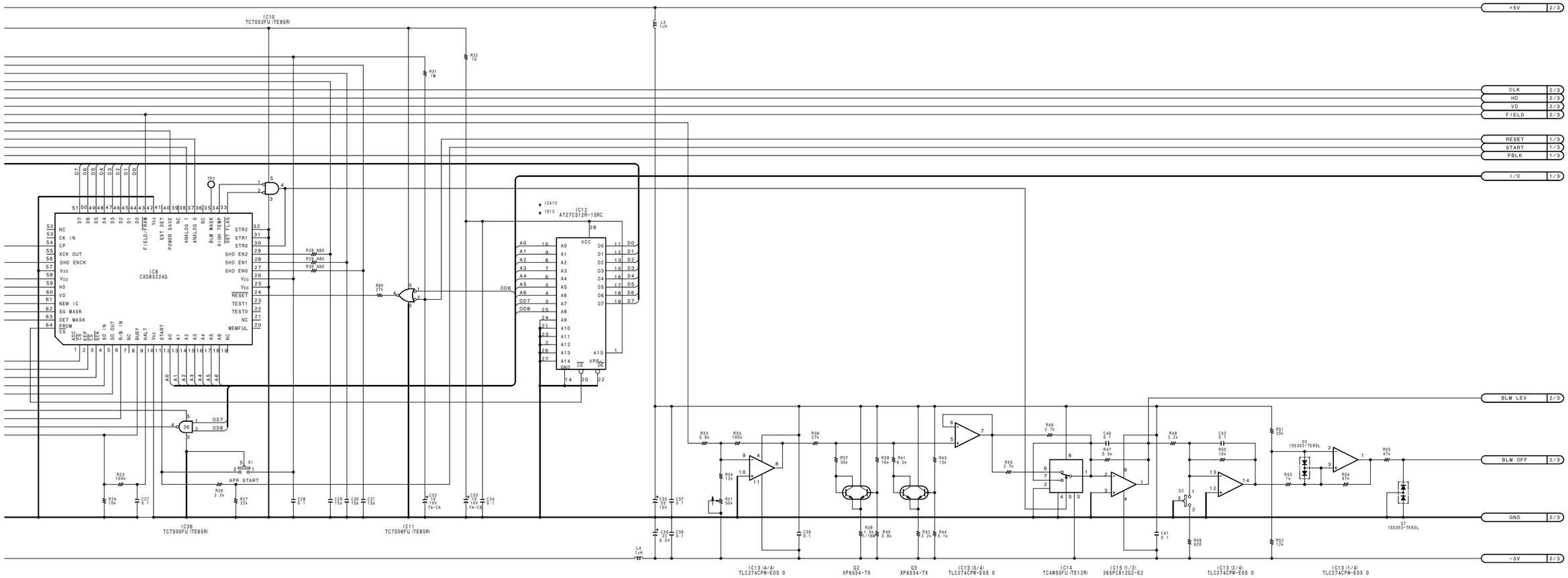
TG-194 (2/3)

BOARD NO. 1-667-999-11

B-¥OHB750A-TG194-12@-M

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



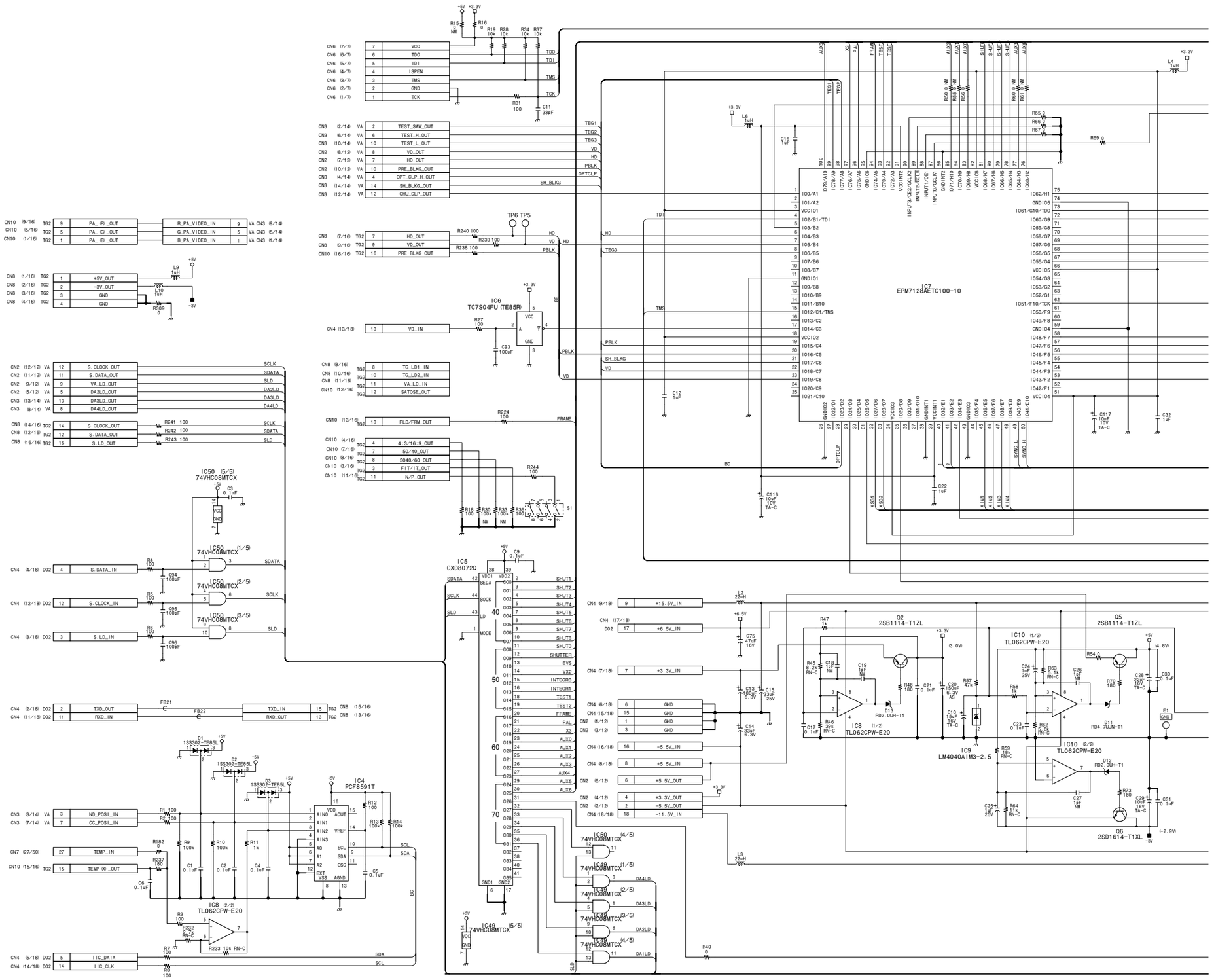


TG-194 (3/3)

BOARD NO. 1-667-999-11

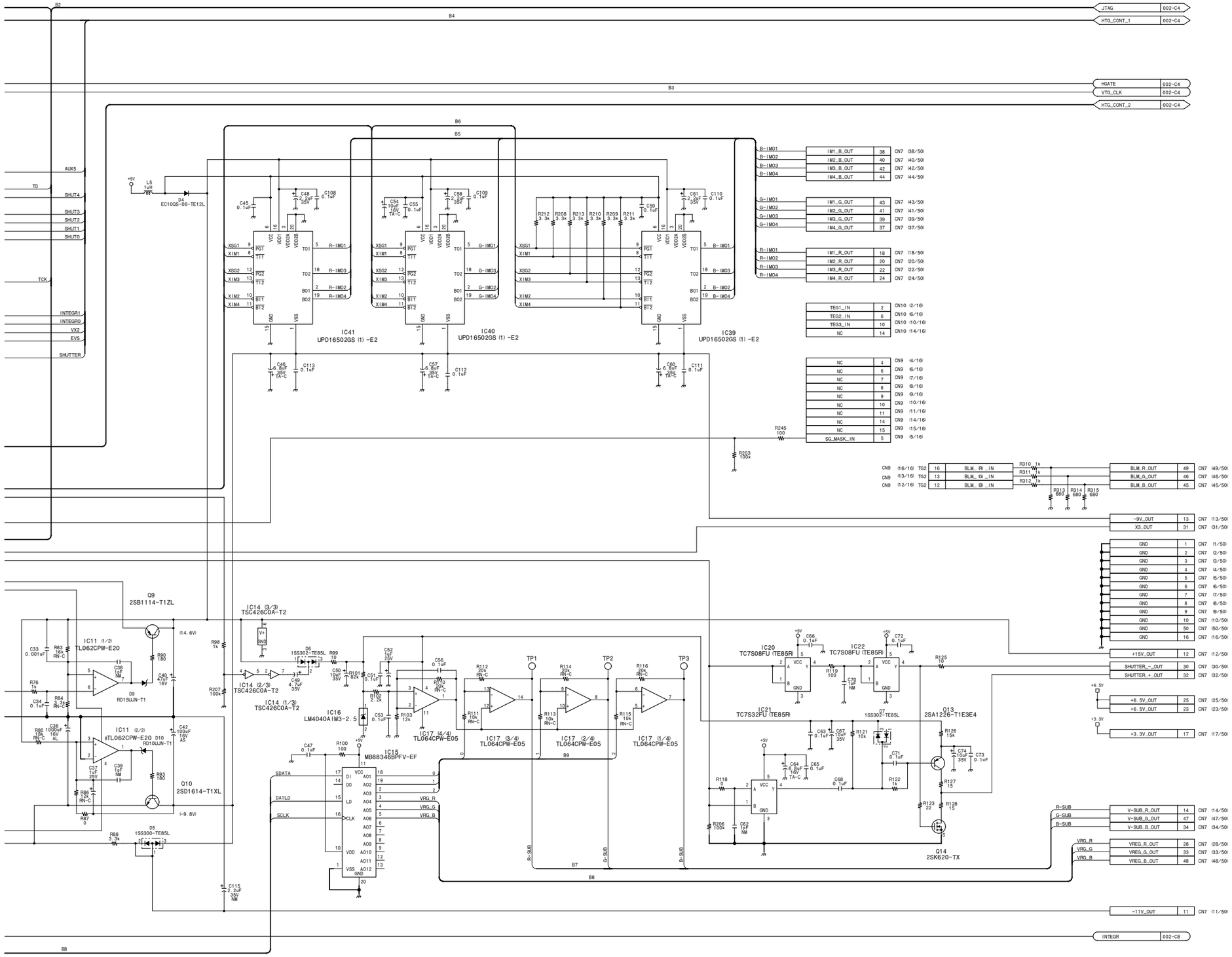
B-¥OHB750A-TG194-12@-M

BVP-9500WS (UC)　: S/N 10011 and Higher
BVP-9500WS (J)　　: S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



7-16 (b)　　7-16 (b)

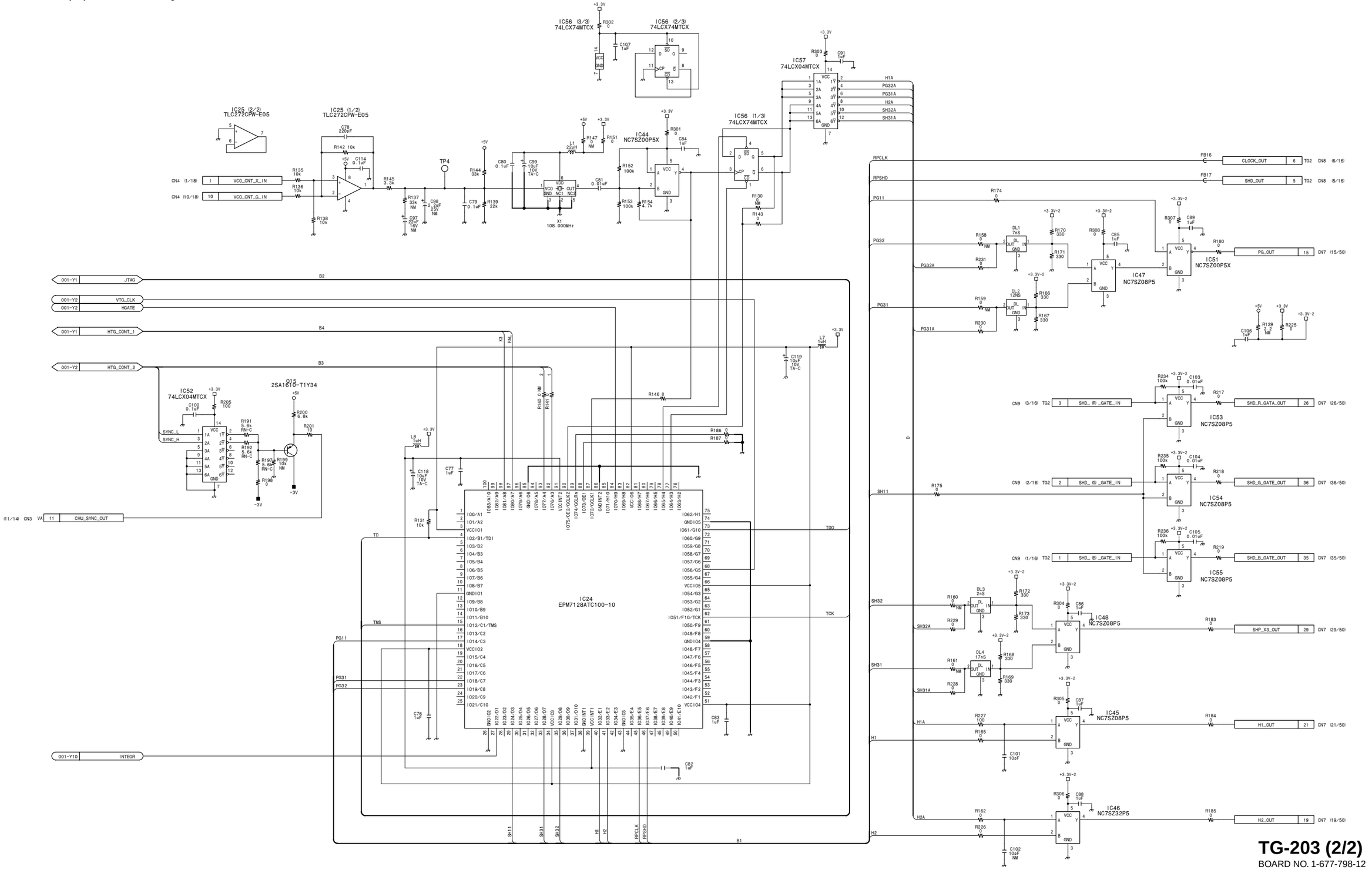
BVP-9500WS/9500WSP MM



TG-203 (1/2)
BOARD NO. 1-677-798-12
BVP9500WS_TG-203_12X_1

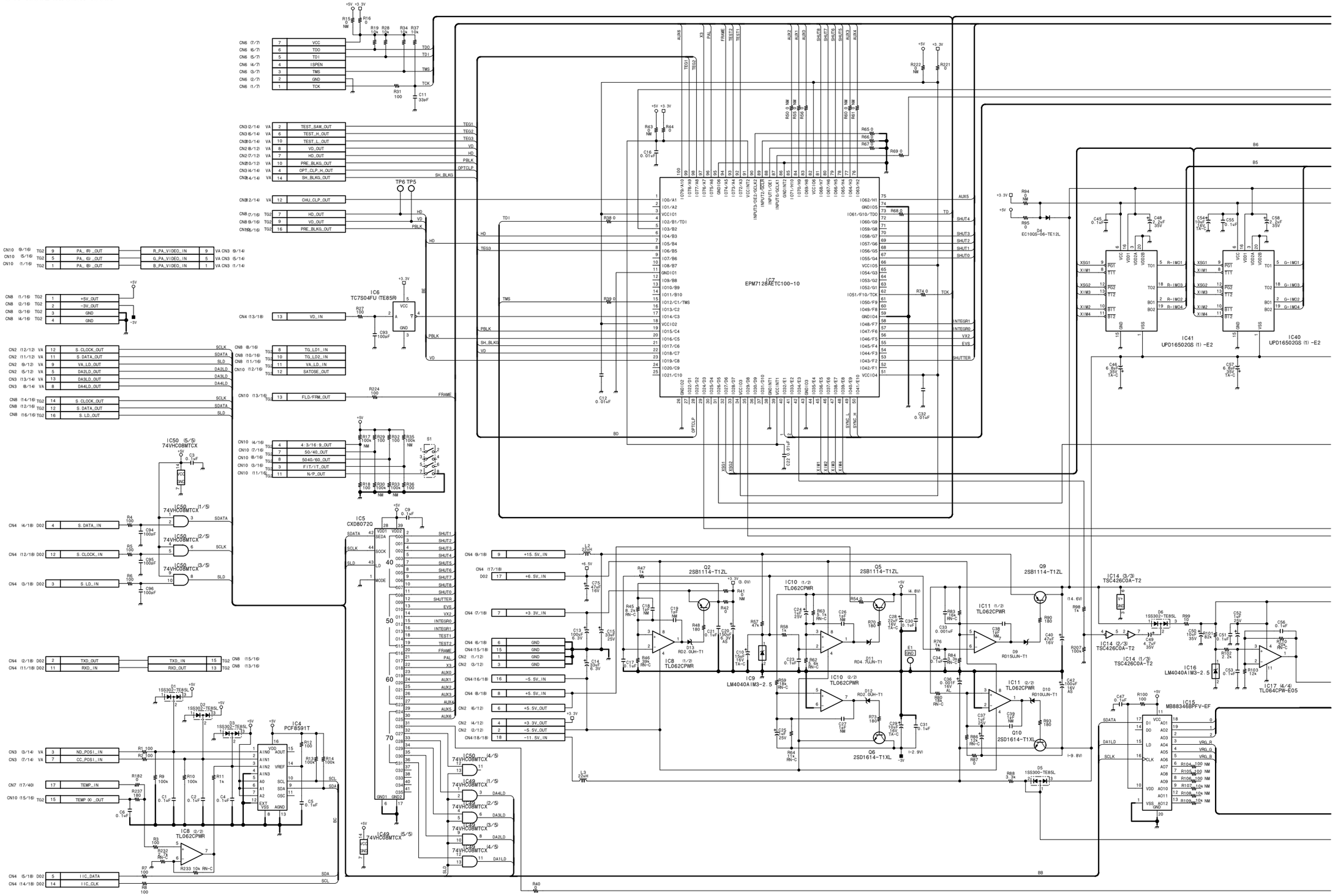
TG-203 (2/2)

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



TG-203 (2/2)
BOARD NO. 1-677-798-12
BVP9500WS_TG-203_12X_2

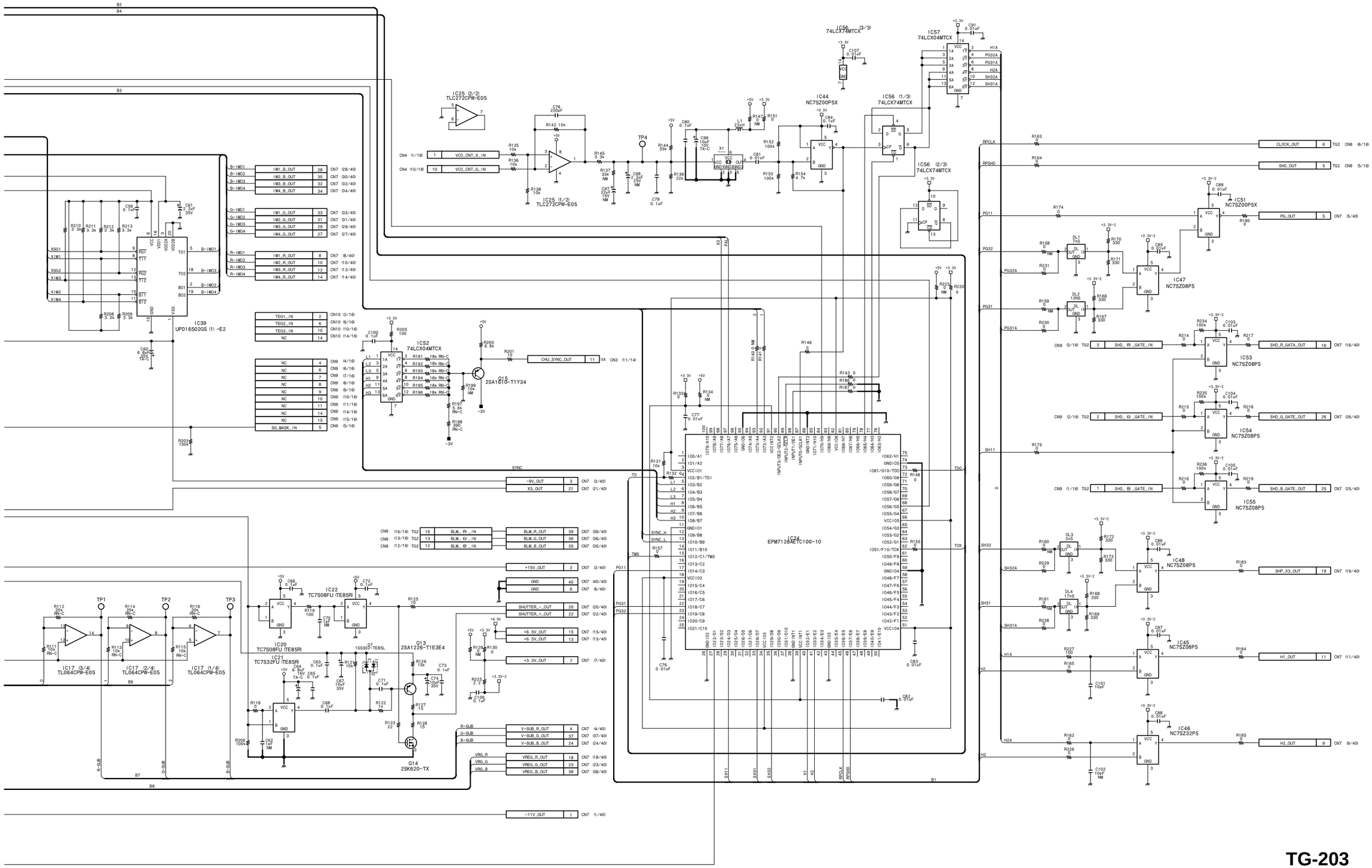
BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007



7-16 (a) 7-16 (a)

BVP-9500WS/9500WSP MM

A B C D E F G H

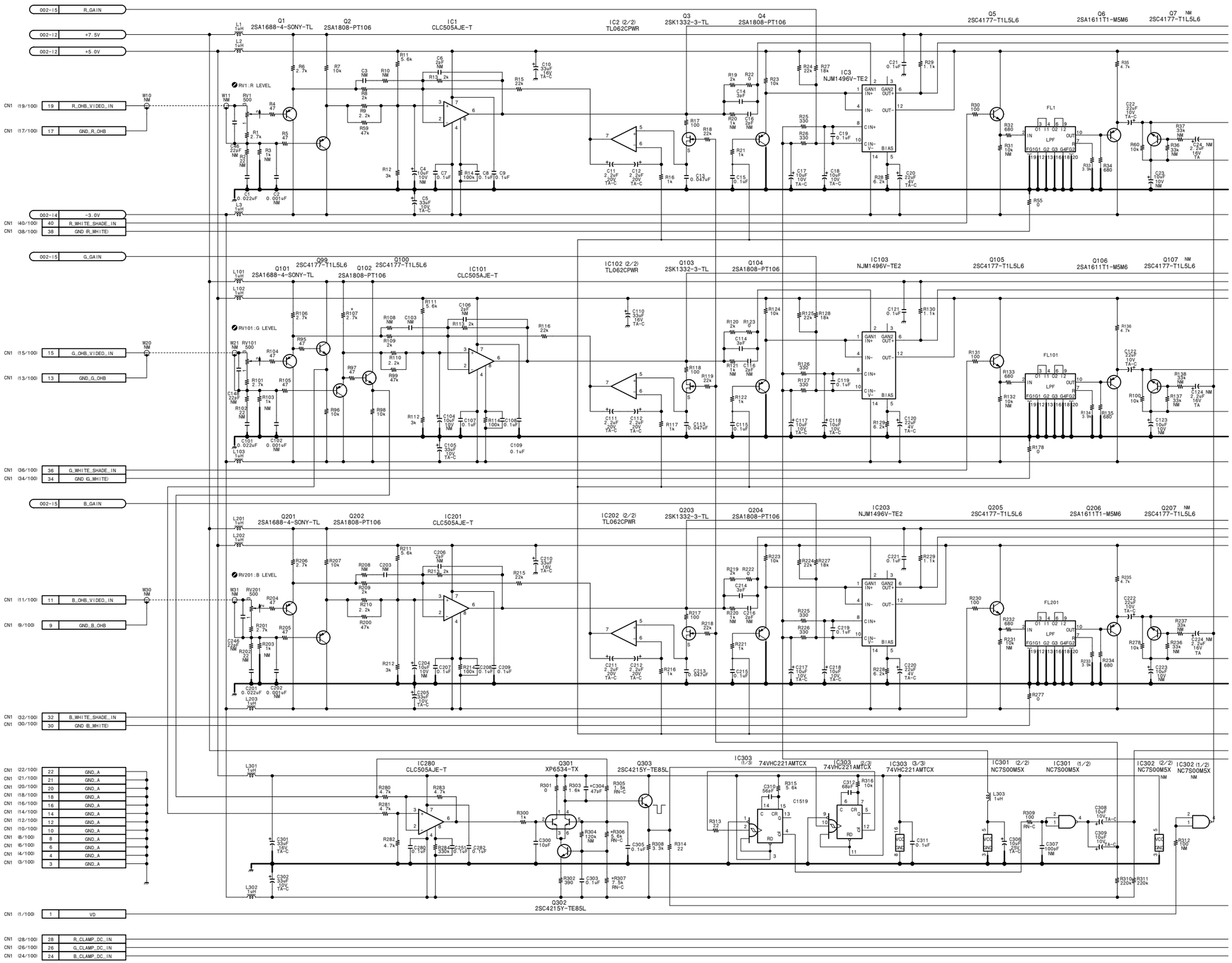


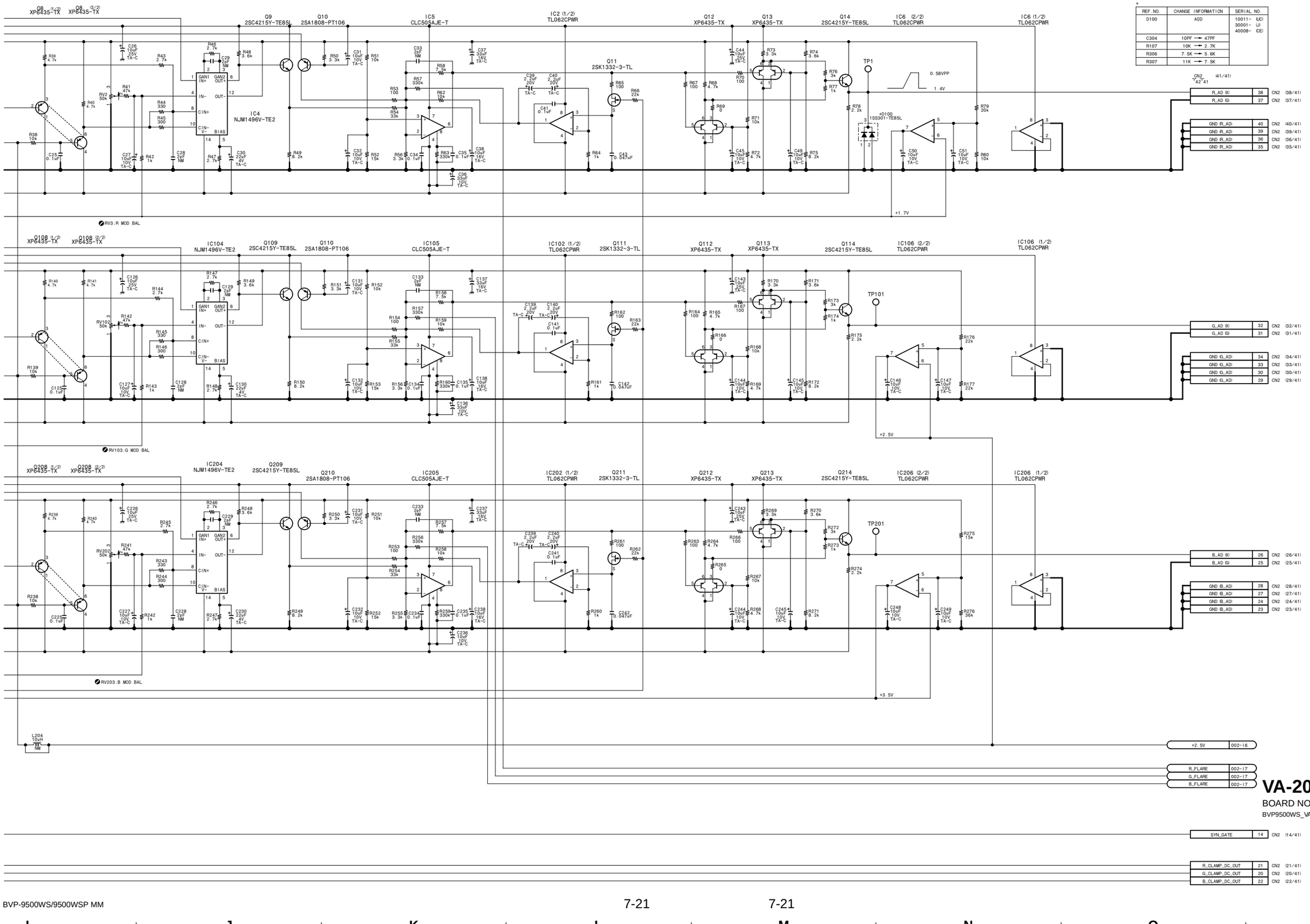
TG-203

BOARD NO. 1-677-798-11

BVP9500WS_TG-203_11B_1

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher





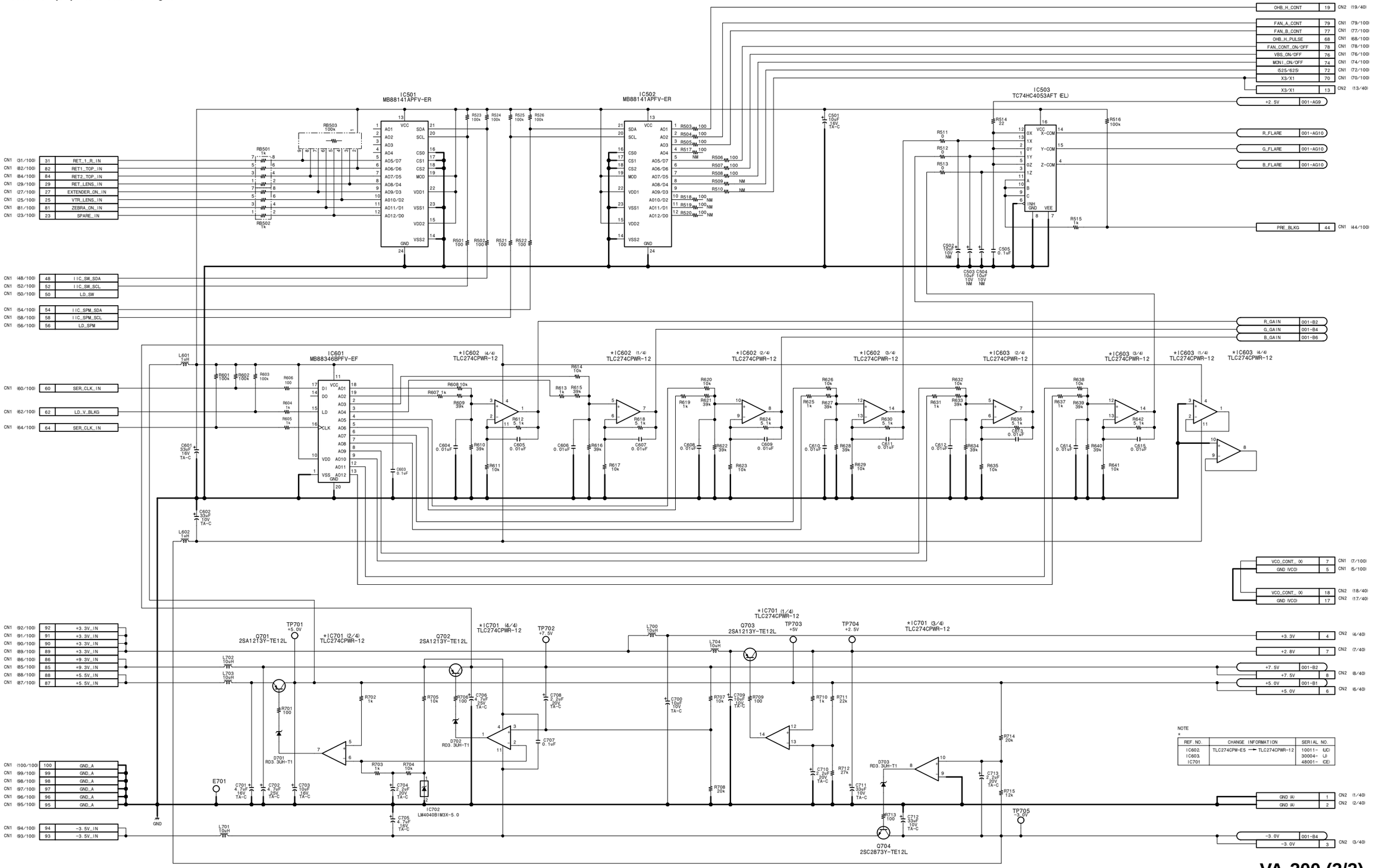
VA-200 (1/2)

BOARD NO. 1-677-809-11

BVP9500WS_VA-200_011_1

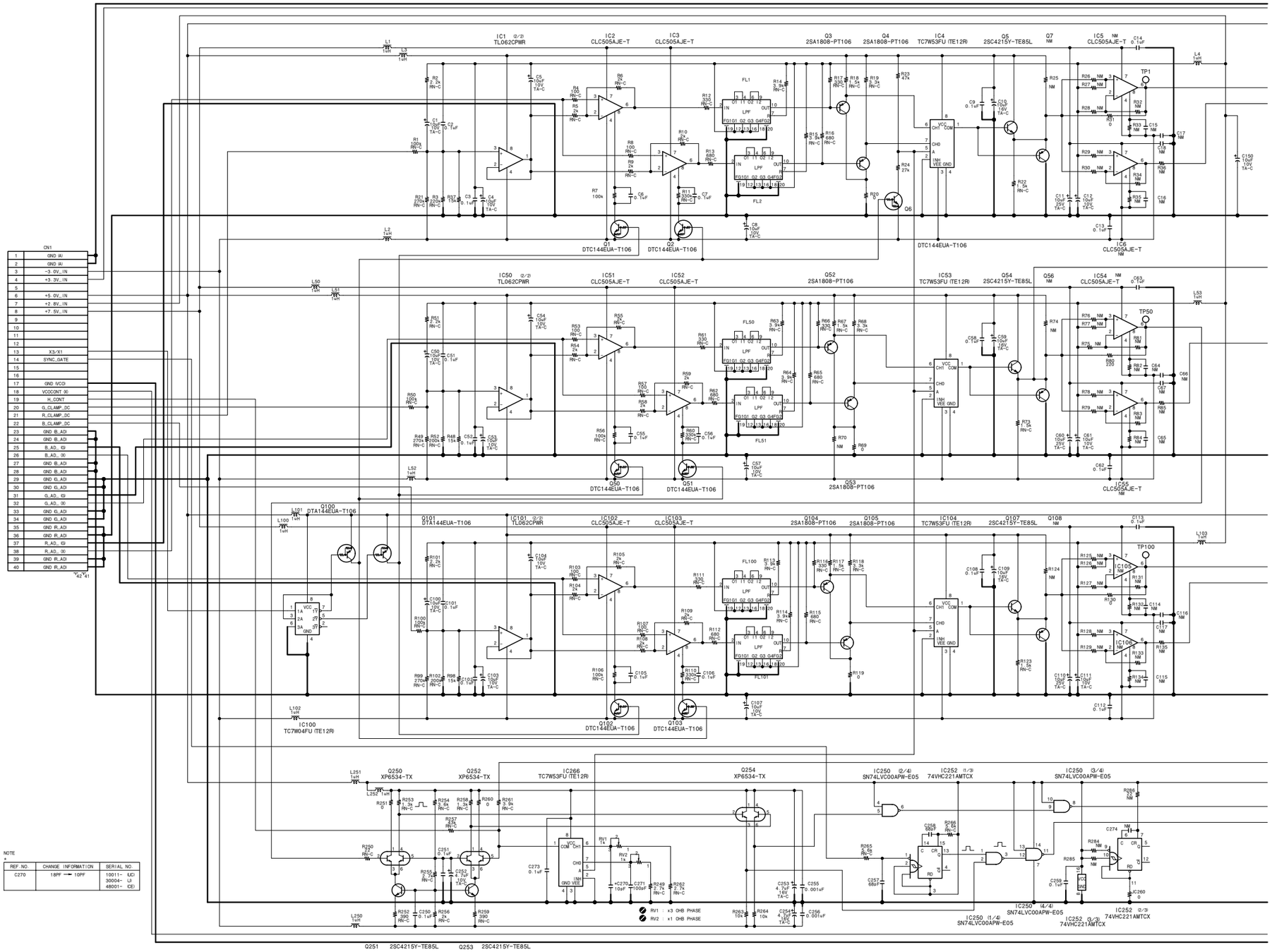
VA-200 (2/2)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



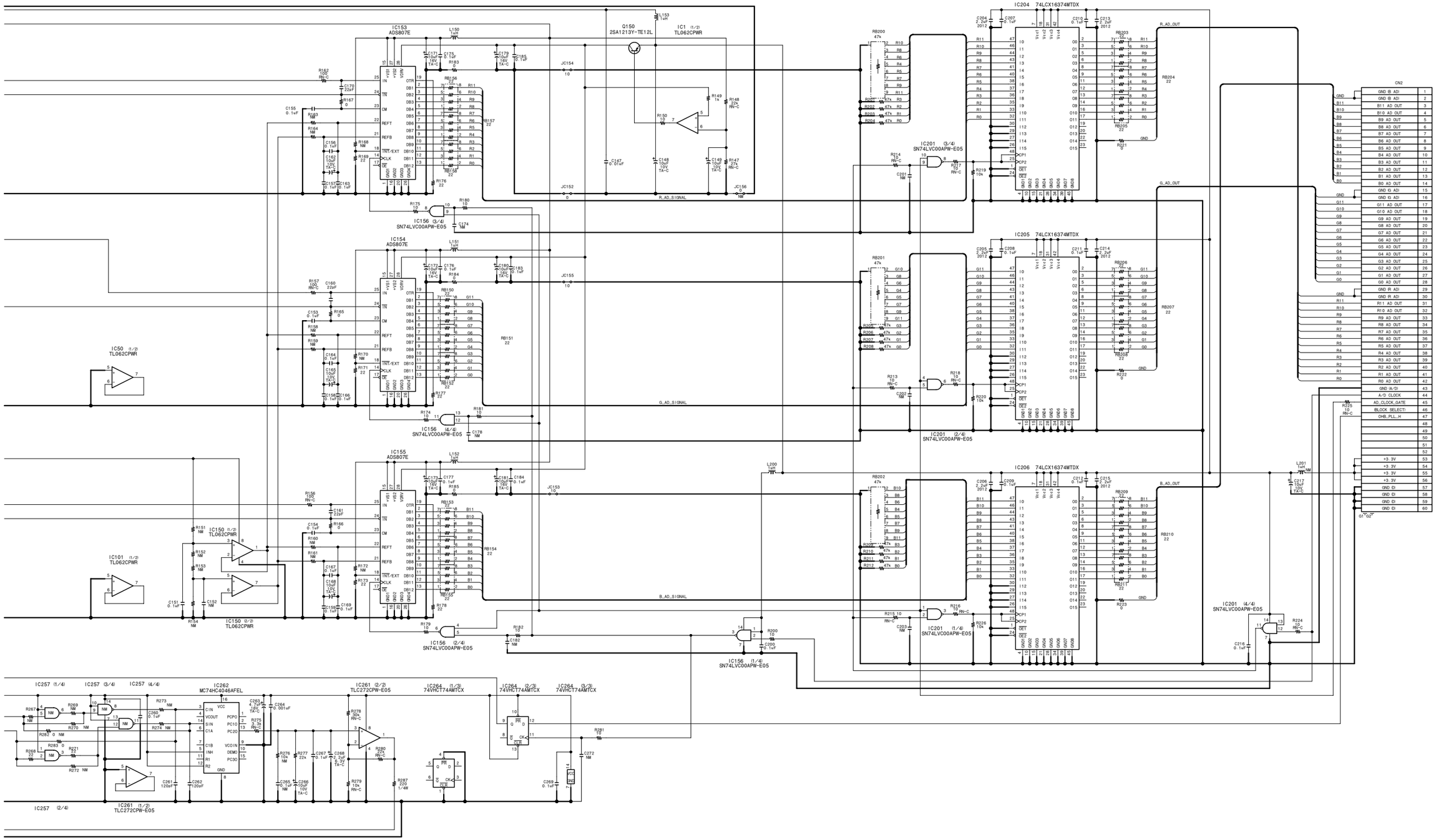
VA-200 (2/2)
BOARD NO. 1-677-809-11
BVP9500WS_VA-200_011_2

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



NOTE

REF.NO.	CHANGE INFORMATION	SERIAL NO.
C270	18PF → 10PF	10011- (UC) 30004- (J) 48001- (CE)



AD-157

BOARD NO. 1-677-800-11

BVP9500WS_AD-157_11A_1

MEM-98 (1/5)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

CN1 (200pin) : MB (DA) - IF

CN1 (200/200)	200	GND
CN1 (199/200)	199	GND
CN1 (198/200)	198	GND
CN1 (197/200)	197	GND
CN1 (196/200)	196	GND
CN1 (195/200)	195	GND
CN1 (194/200)	194	GND
CN1 (193/200)	193	GND

192-127
*L2 output (P3)
*L3 output (P4)

CN1 (126/200)	126	MEM-VD-18M	x1-VD	005-C3
CN1 (125/200)	125	MEM-HD-18M	x1-HD	005-C4
CN1 (124/200)	124	MEM-VD-54M	x3-VD	005-C3
CN1 (123/200)	123	MEM-HD-54M	x3-HD	005-C3
CN1 (122/200)	122	MEM-SPARE		
CN1 (121/200)	121	AD-CLK-GATE		
CN1 (120/200)	120	GND		
CN1 (119/200)	119	54/18-CLK (G)		
CN1 (118/200)	118	GND		
CN1 (117/200)	117	54/18-CLK (X)		
CN1 (116/200)	116	NC		
CN1 (115/200)	115	NC		
CN1 (114/200)	114	NC		
CN1 (113/200)	113	NC		
CN1 (112/200)	112	+2.5V		
CN1 (111/200)	111	+2.5V		
CN1 (110/200)	110	+2.5V		
CN1 (109/200)	109	+2.5V		
CN1 (108/200)	108	+3.3V		
CN1 (107/200)	107	+3.3V		
CN1 (106/200)	106	+3.3V		
CN1 (105/200)	105	+3.3V		
CN1 (104/200)	104	GND		
CN1 (103/200)	103	GND		
CN1 (102/200)	102	GND		
CN1 (101/200)	101	GND		
CN1 (100/200)	100	GND		
CN1 (99/200)	99	GND		
CN1 (98/200)	98	GND		
CN1 (97/200)	97	GND		
CN1 (96/200)	96	GND		
CN1 (95/200)	95	GND		
CN1 (94/200)	94	NC		
CN1 (93/200)	93	NC		
CN1 (92/200)	92	NC		
CN1 (91/200)	91	NC		
CN1 (90/200)	90	+5V		
CN1 (89/200)	89	+5V		
CN1 (88/200)	88	+5V		
CN1 (87/200)	87	+5V		
CN1 (86/200)	86	NC		
CN1 (85/200)	85	NC		
CN1 (84/200)	84	NC		
CN1 (83/200)	83	NC		

82-45
*L1 Output (P2)

CN1 (44/200)	44	
CN1 (43/200)	43	
CN1 (42/200)	42	
CN1 (41/200)	41	
CN1 (40/200)	40	
CN1 (39/200)	39	
CN1 (38/200)	38	
CN1 (37/200)	37	
CN1 (36/200)	36	
CN1 (35/200)	35	
CN1 (34/200)	34	
CN1 (33/200)	33	
CN1 (32/200)	32	
CN1 (31/200)	31	
CN1 (30/200)	30	
CN1 (29/200)	29	
CN1 (28/200)	28	
CN1 (27/200)	27	
CN1 (26/200)	26	
CN1 (25/200)	25	
CN1 (24/200)	24	
CN1 (23/200)	23	
CN1 (22/200)	22	
CN1 (21/200)	21	
CN1 (20/200)	20	$\overline{525}$/625
CN1 (19/200)	19	
CN1 (18/200)	18	$\overline{X3}$/X1
CN1 (17/200)	17	AD-PLL-H

74LCX04MTCX IC1

IC2 NC7SZ04P5 — R15 47 — FPGA-CLK — 005-C3
IC3 NC7SZ04P5 — R16 47 — L1-SDRAM-CLK — 002-B9
IC4 NC7SZ04P5 — R17 47 — L2-SDRAM-CLK — 003-B9
IC5 NC7SZ04P5 — R18 47 — L3-SDRAM-CLK — 004-B9
IC6 NC7SZ04P5 — R19 47 — L3-OUT-CLK — 004-K6
IC7 NC7SZ04P5 — R20 47 — L2-OUT-CLK — 003-K6
IC8 NC7SZ04P5 — R21 47 — L1-OUT2-CLK — 002-K7
IC9 NC7SZ04P5 — R22 47 — L1-OUT1-CLK — 002-K7

RB10 100k — TDI, TDO, XINIT, TMS, TCK — B-Scan — 005-C1

CN1 (16/200)	16	GND
CN1 (15/200)	15	GND
CN1 (14/200)	14	MEM-TDI
CN1 (13/200)	13	MEM-TDO
CN1 (12/200)	12	MEM-XINIT
CN1 (11/200)	11	
CN1 (10/200)	10	MEM-TMS
CN1 (9/200)	9	MEM-TCK
CN1 (8/200)	8	GND
CN1 (7/200)	7	GND
CN1 (6/200)	6	GND
CN1 (5/200)	5	GND
CN1 (4/200)	4	GND
CN1 (3/200)	3	GND
CN1 (2/200)	2	GND
CN1 (1/200)	1	GND

CN2 (60pin) : AD-IF

CN2	60	GND
	59	GND
	58	GND
	57	GND
	56	+3.3V out for AD-FF
	55	+3.3V out for AD-FF
	54	+3.3V out for AD-FF
	53	+3.3V out for AD-FF
	52	
	51	
	50	
	49	
	48	
	47	AD-PLL-H
	46	(BLOCK SEL)
	45	AD-CLK-GATE
	44	AD-54/18 CLK (X)
	43	AD-54/18 CLK (G)
	42	AD-R0 in
	41	AD-R1 in
	40	AD-R2 in
	39	AD-R3 in
	38	AD-R4 in
	37	AD-R5 in
	36	AD-R6 in
	35	AD-R7 in
	34	AD-R8 in
	33	AD-R9 in
	32	AD-R10 in
	31	AD-R11 in
	30	GND (R)
	29	GND (R)
	28	AD-G0 in
	27	AD-G1 in
	26	AD-G2 in
	25	AD-G3 in
	24	AD-G4 in
	23	AD-G5 in
	22	AD-G6 in
	21	AD-G7 in
	20	AD-G8 in
	19	AD-G9 in
	18	AD-G10 in
	17	AD-G11 in
	16	GND (G)
	15	GND (G)
	14	AD-B0 in
	13	AD-B1 in
	12	AD-B2 in
	11	AD-B3 in
	10	AD-B4 in
	9	AD-B5 in
	8	AD-B6 in
	7	AD-B7 in
	6	AD-B8 in
	5	AD-B9 in
	4	AD-B10 in
	3	AD-B11 in
	2	GND (B)
	1	GND (B)

PLL-H, AD-CLK-GATE, AD-CLK — +3.3V-2 — AD-RGB — 002-B1, 003-B1, 004-B1

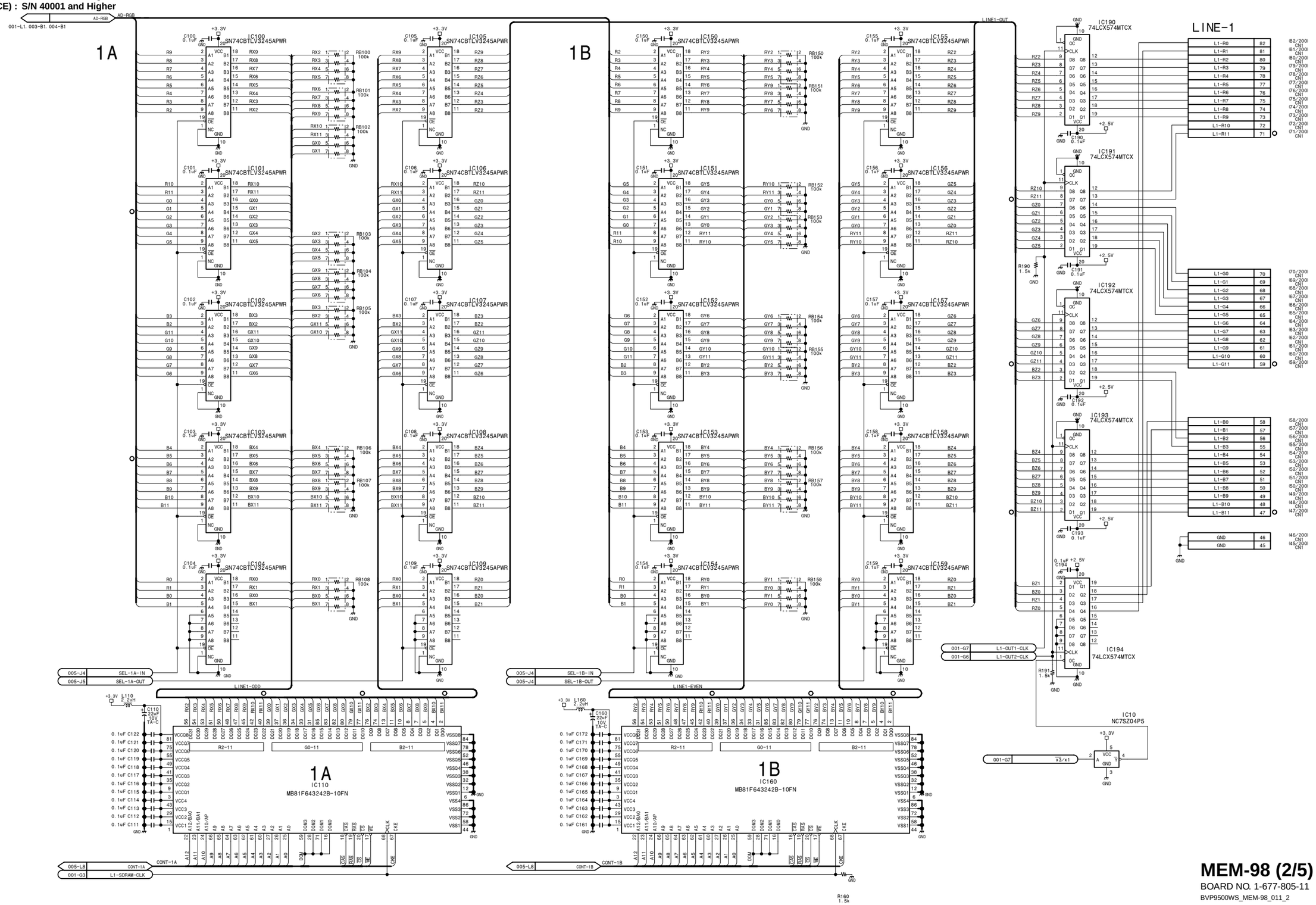
R23 1.5k, JC2 0 — R0 — RB1 100k — JC6 0
JC3 0 — G0 — RB4 100k — RB5 100k — RB6 100k — JC7 0
JC4 0 — B0 — RB7 100k — RB8 100k — RB9 100k — JC8 0
JC5 0

7-26

MEM-98 (1/5)
BOARD NO. 1-677-805-11
BVP9500WS_MEM-98_011_1

 MEM-98 (2/5)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



MEM-98 (2/5)

BOARD NO. 1-677-805-11

BVP9500WS_MEM-98_011_2

MEM-98 (3/5)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

001-L1, 002-B1, 004-B1 AD-RGB

2A

2B

LINE2-OUT

LINE-2 OUT

L2-R2 192 (192/200) CN1
L2-R3 191 (191/200) CN1
L2-R4 190 (190/200) CN1
L2-R5 189 (189/200) CN1
L2-R6 188 (188/200) CN1
L2-R7 187 (187/200) CN1
L2-R8 186 (186/200) CN1
L2-R9 185 (185/200) CN1
L2-R10 184 (184/200) CN1
L2-R11 183 (183/200) CN1

L2-G0 182 (182/200) CN1
L2-G1 181 (181/200) CN1
L2-G2 180 (180/200) CN1
L2-G3 179 (179/200) CN1
L2-G4 178 (178/200) CN1
L2-G5 177 (177/200) CN1
L2-G6 176 (176/200) CN1
L2-G7 175 (175/200) CN1
L2-G8 174 (174/200) CN1
L2-G9 173 (173/200) CN1
L2-G10 172 (172/200) CN1
L2-G11 171 (171/200) CN1

L2-B2 170 (170/200) CN1
L2-B3 169 (169/200) CN1
L2-B4 168 (168/200) CN1
L2-B5 167 (167/200) CN1
L2-B6 166 (166/200) CN1
L2-B7 165 (165/200) CN1
L2-B8 164 (164/200) CN1
L2-B9 163 (163/200) CN1
L2-B10 162 (162/200) CN1
L2-B11 161 (161/200) CN1

005-J4 SEL-2A-IN
005-J4 SEL-2A-OUT
005-J4 SEL-2B-IN
005-J4 SEL-2B-OUT
001-G5 L2-OUT-CLK
005-L5 CONT-2A
005-L5 CONT-2B
001-G4 L2-SDRAM-CLK

LINE2-ODD
LINE2-EVEN

IC210 MB81F643242B-10FN
IC260 MB81F643242B-10FN

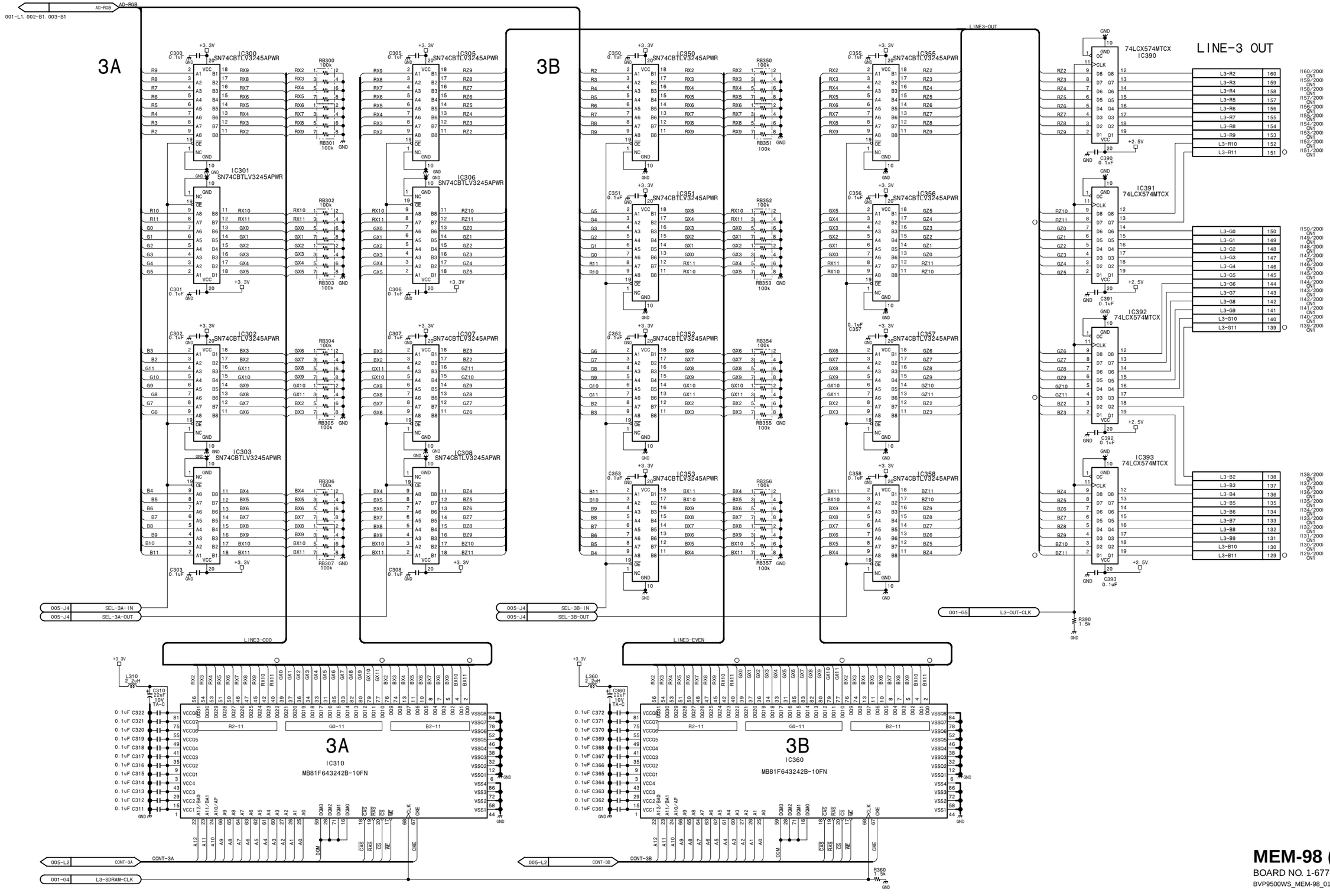
R290 1.5k
R260 1.5k

7-28

MEM-98 (3/5)
BOARD NO. 1-677-805-11
BVP9500WS_MEM-98_011_3

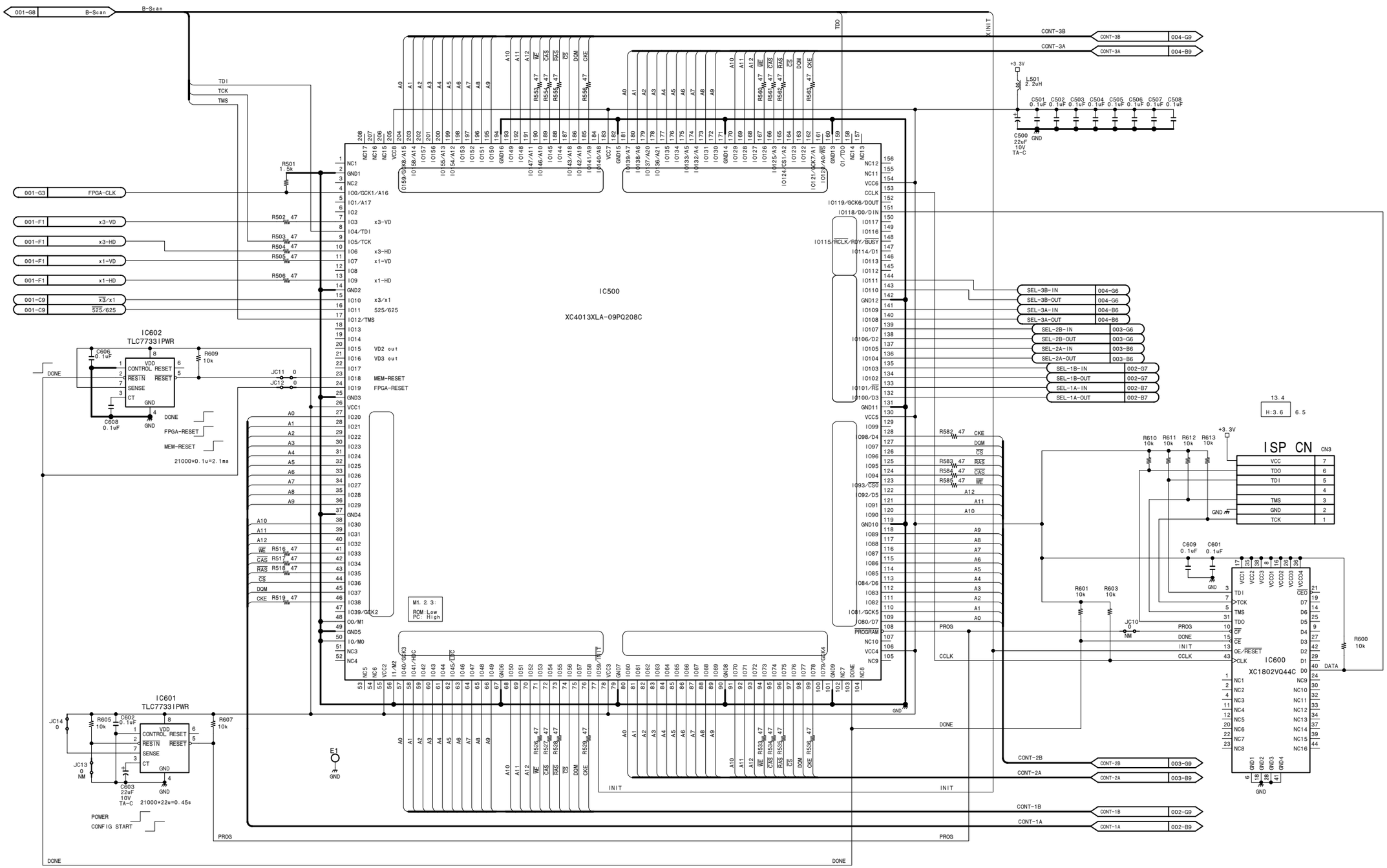
MEM-98 (4/5)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



MEM-98 (4/5)
BOARD NO. 1-677-805-11
BVP9500WS_MEM-98_011_4

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



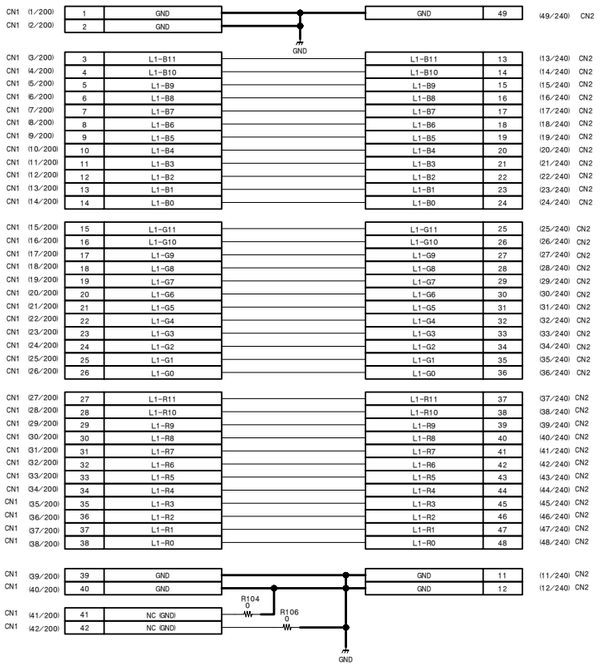
MEM-98 (5/5)

BOARD NO. 1-677-805-11

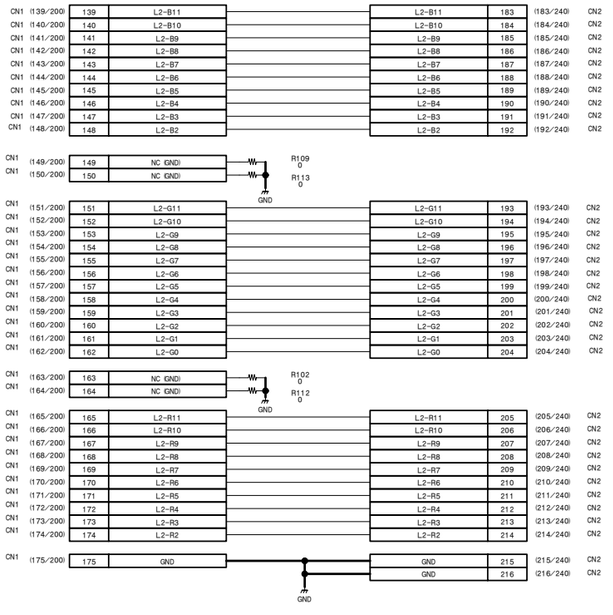
BVP9500WS_MEM-98_011_5

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

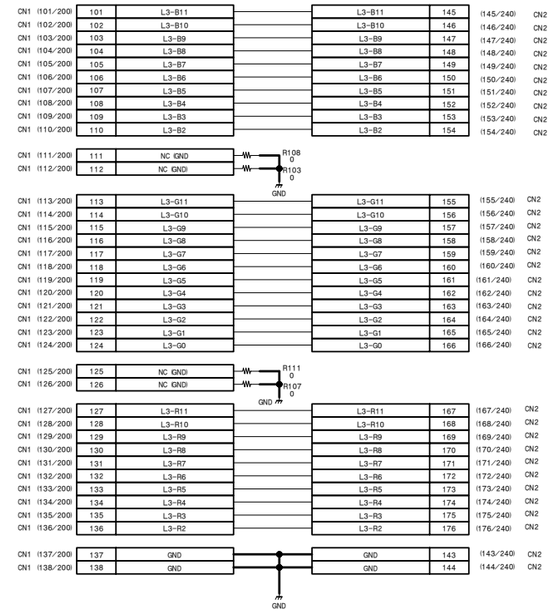
Line1-Video



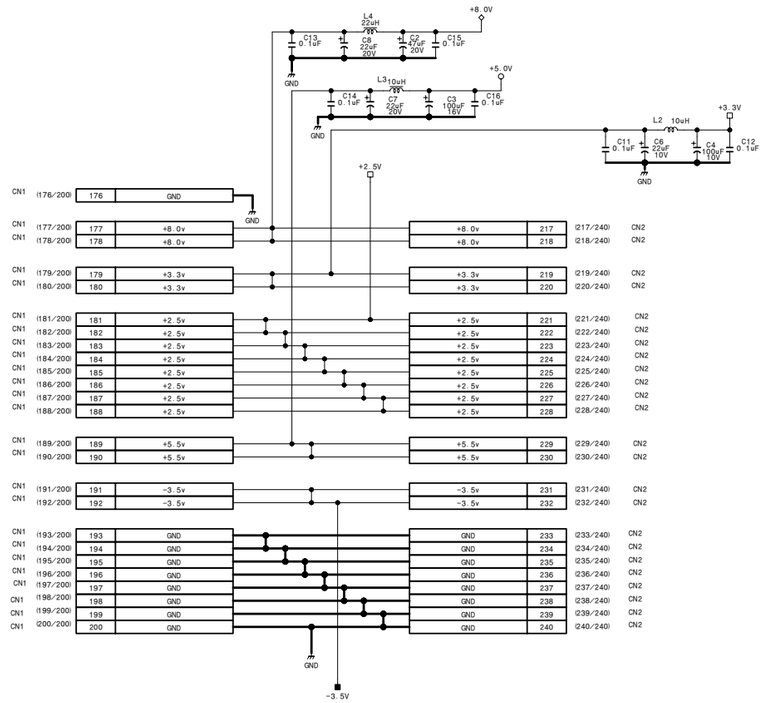
Line2-Video

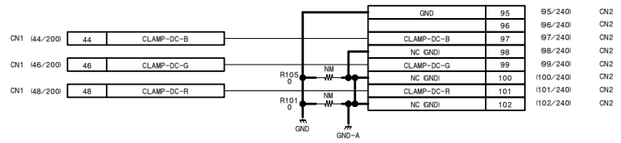


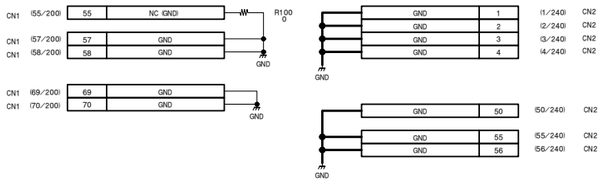
Line3-Video



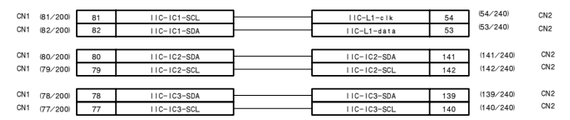
Power (+8.0v, +5.0v, +3.3v, +2.5v (L1), -3.5v)







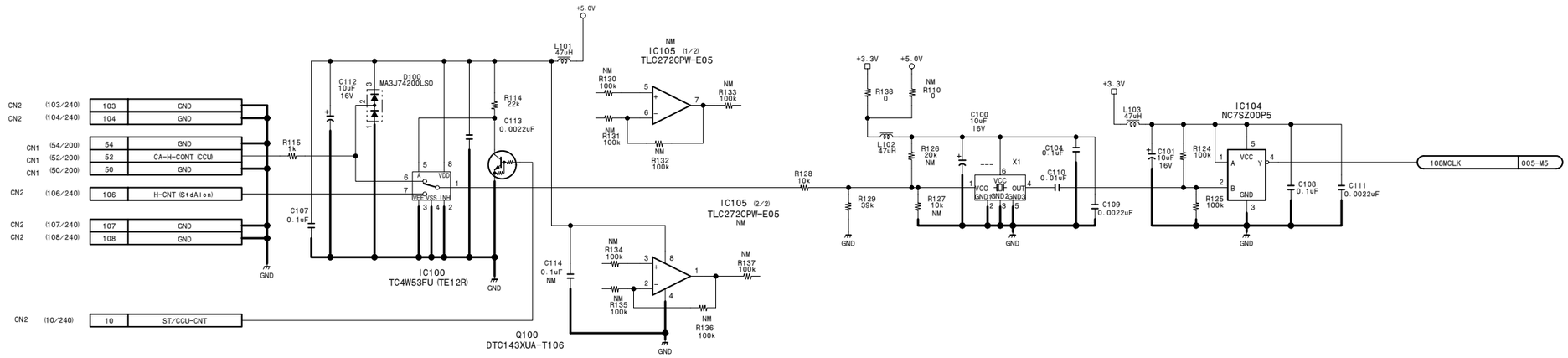
IIC (L1/2/3)

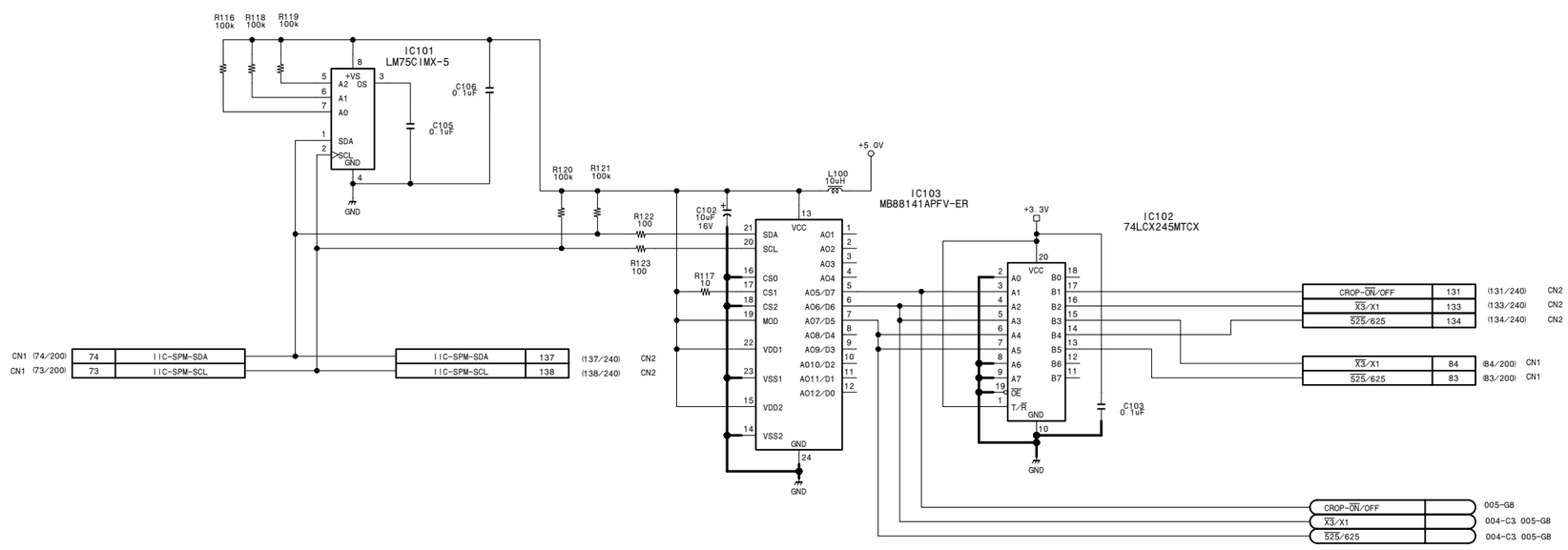


DA-143 (1/5)
BOARD NO. 1-677-802-11
BVP9500WS_DA-143_11A_1

 DA-143 (2/5)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

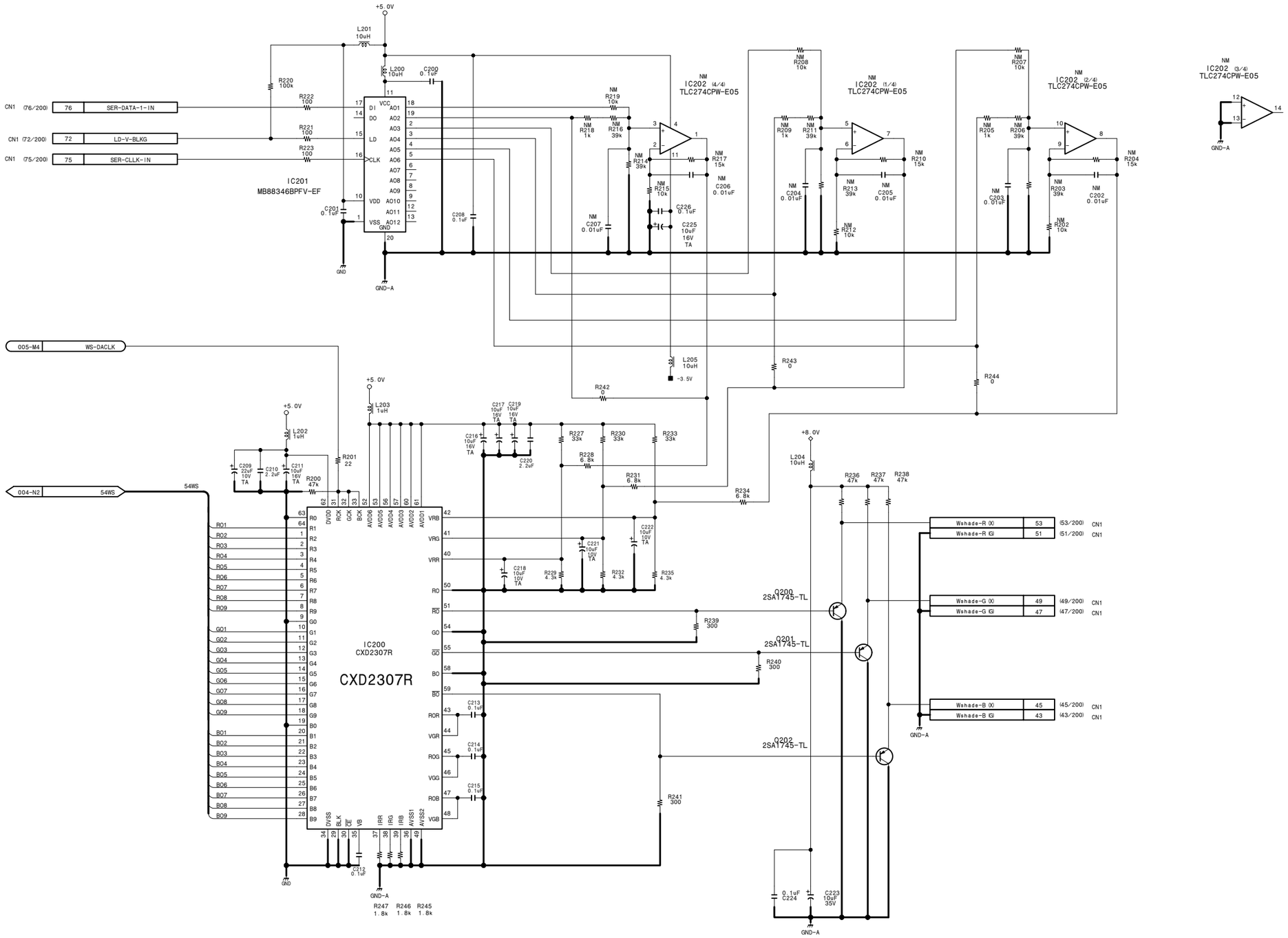




DA-143 (2/5)
BOARD NO. 1-677-802-11
BVP9500WS_DA-143_11A_2

DA-143 (3/5)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

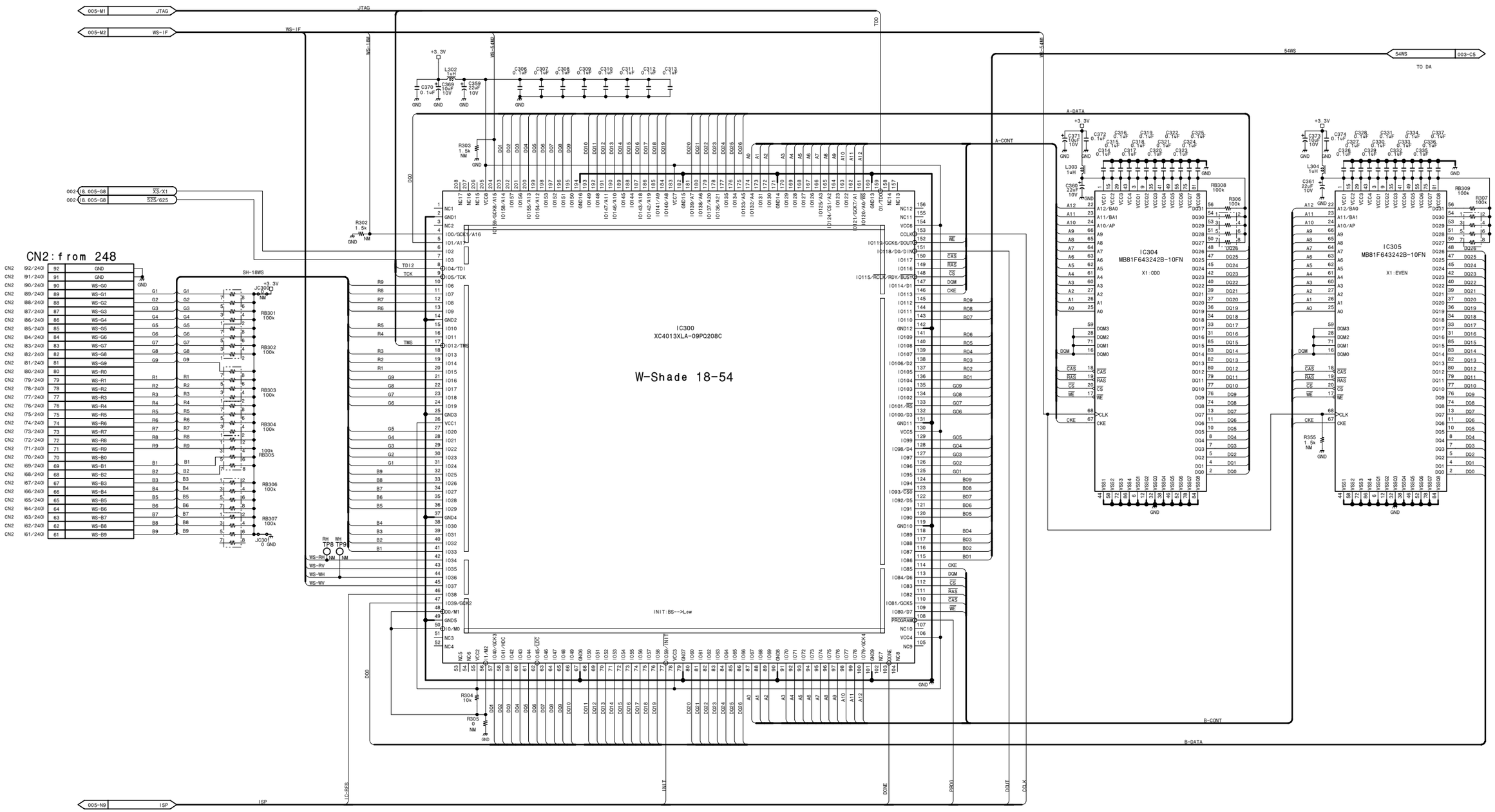


7-33

DA-143 (3/5)
BOARD NO. 1-677-802-11
BVP9500WS_DA-143_11A_3

 DA-143 (4/5)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



DA-143 (4/5)
BOARD NO. 1-677-802-11
BVP9500WS_DA-143_11A_4

DA-143 (5/5)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

NOTE
*

REF. NO.	CHANGE INFORMATION	SERIAL NO.
R312	22 → 330	10011– (UC) 30001– (J) 40008– (CE)

CN3 : B. Scan

1	+5V out
2	+3.3V out
3	GND
4	GND
5	TRST
6	TCK
7	TMS
8	TDI
9	TDO
10	JTEST

CN1 : to MB (MEM)

60	MEM-INIT
62	MEM-TDO
64	MEM-TCK
66	MEM-TDI
68	MEM-TMS

CN2 : to/from 248, 249

248-TRST	9
248-TDO	8
248-TDI	7
248-TMS	6
248-TCK	5

CN1 : to MB

GND	100
GND	99
MEM-VD-18M	98
MEM-HD-18M	97
MEM-VD-54M	96
MEM-HD-54M	95
MEM-SPARE	94
AD-CLK-GATE	93
GND	92
GND	91
AT-36CLK (X)	89
AT-36CLK (G)	87
54/18CLK (X)	88
54/18CLK (G)	90
GND	86
GND	85
OHB-VD	67
(NC)	65
AD-PLL-H	63
VA-PRE-BLK	61
(NC)	59
GND	60
GND	59
HDref-in	58
VDref-in	57

CN2 : to/from 248, 249

HD2	182
VD2	181
GND	180
GND	179
HD3	178
VD3	177
(SAPRE)	132
HD (27) -in	130
GND	129
NC (GND)	128
27CLK (X)	127
NC (GND)	126
27CLK (G)	125
GND	124
GND	123
NC (GND)	122
36CLK (X1)	121
NC (GND)	120
36CLK (G)	119
GND	118
GND	117
NC (GND)	116
WS18CLK (X)	115
NC (GND)	114
WS18CLK (G)	113
	112
GND	111

JTAG 004-C1
WS-1F 004-C2
WS-DACLK 003-C4
108MCLK 002-K2
ISP 004-C9

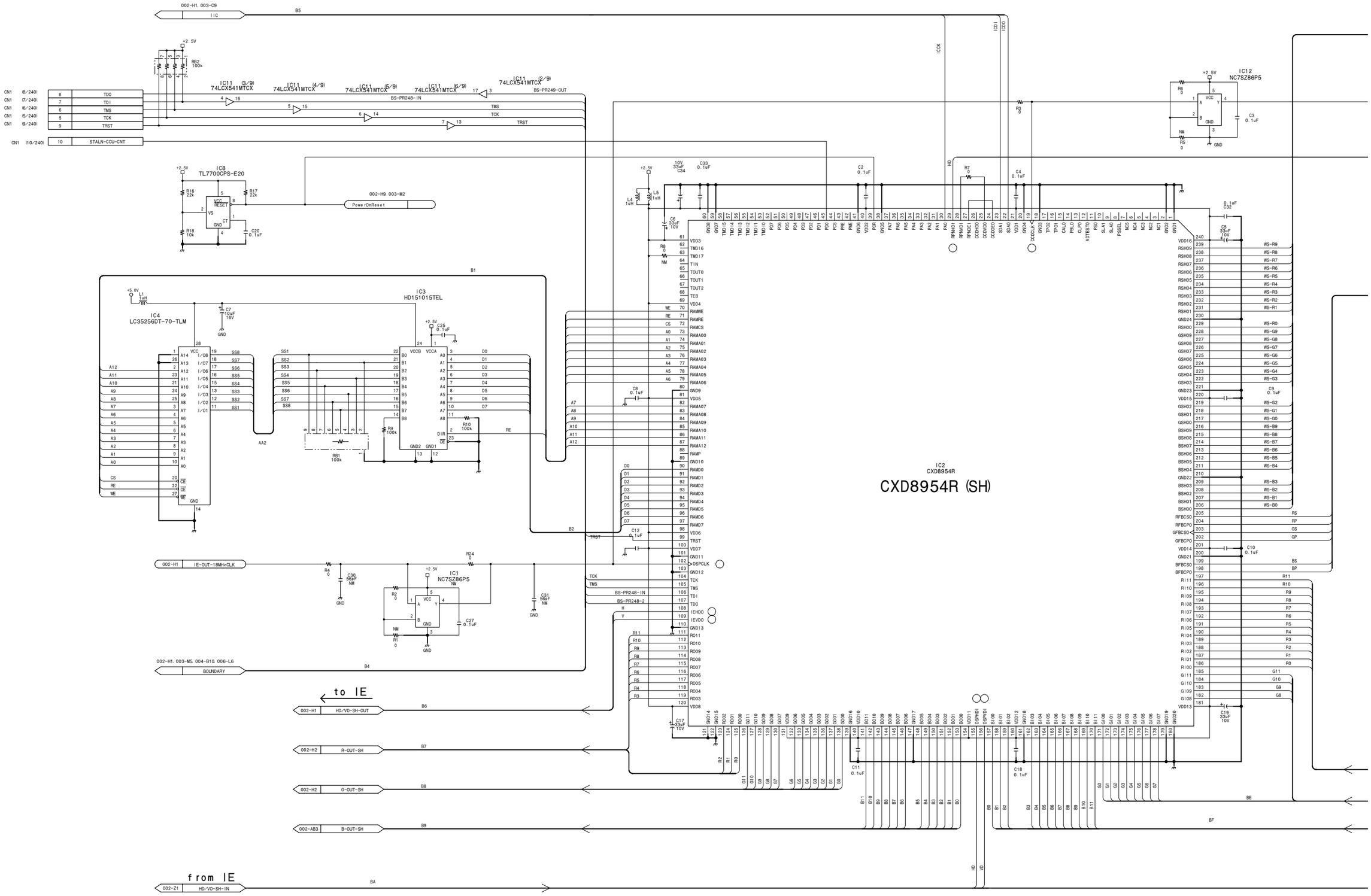
002-18, 004-C3 X25/625
002-18, 004-C3 X3/X1
002-17 CROP-ON/OFF

JC501=X, 502=O, 503=O : S1=X/A
JC501=O, 502=X, 503=X : XA

DA-143 (5/5)
BOARD NO. 1-677-802-11
BVP9500WS_DA-143_11A_5

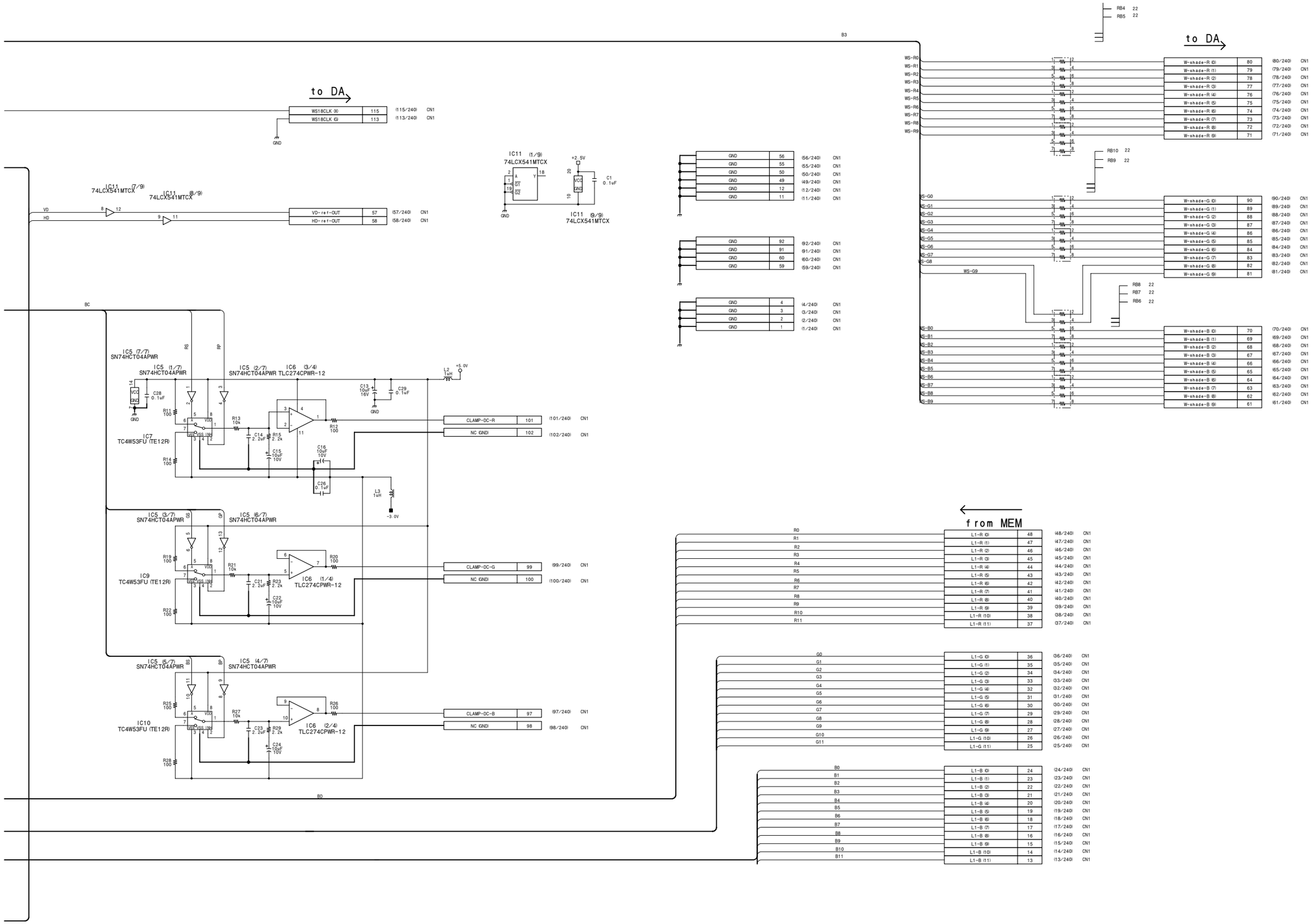
PR-248 (1/6)

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



7-36 (b)

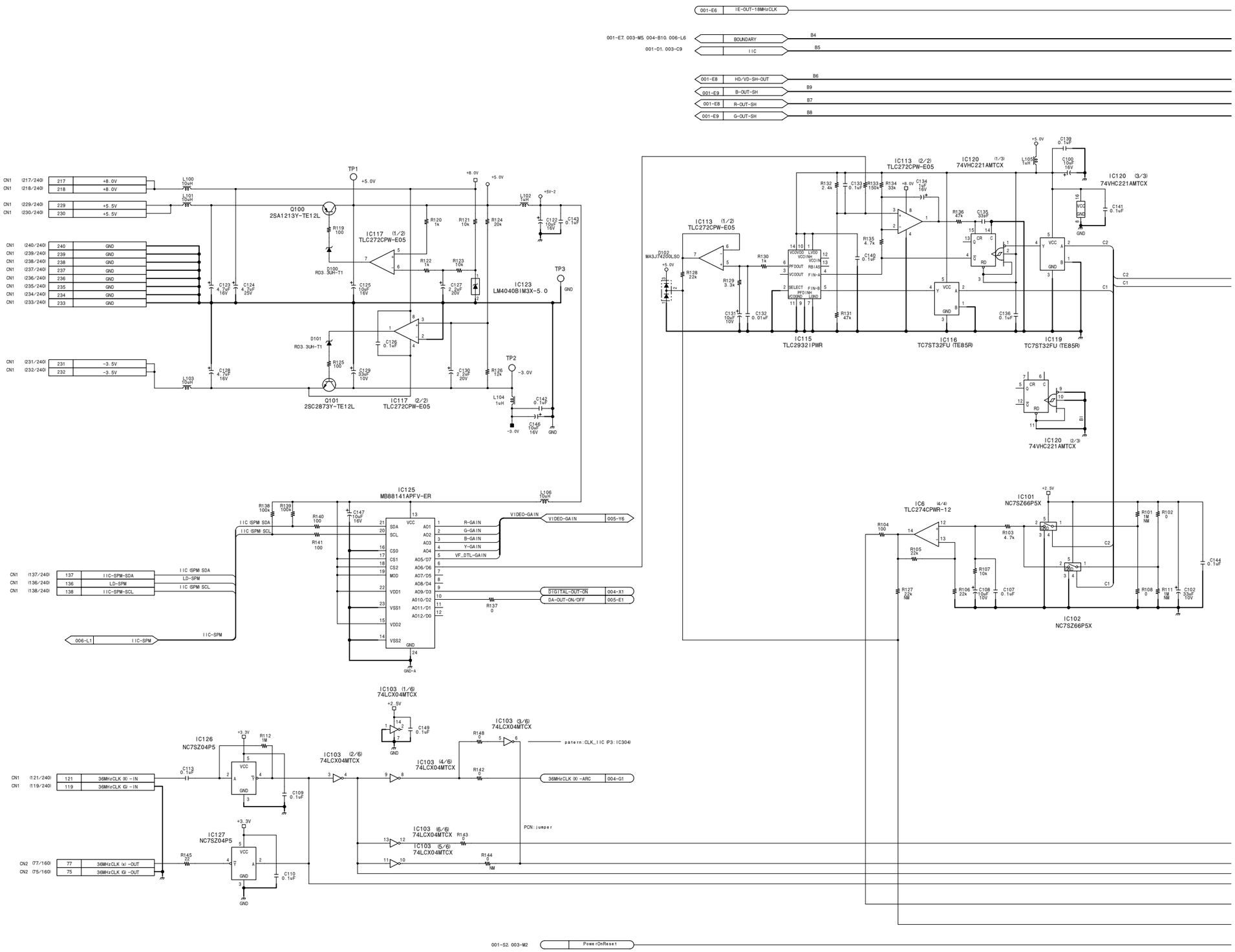
PR-248 (1/6)



PR-248 (1/6)
BOARD NO. 1-677-806-12
BVP9500WS_PR-248_12A_1

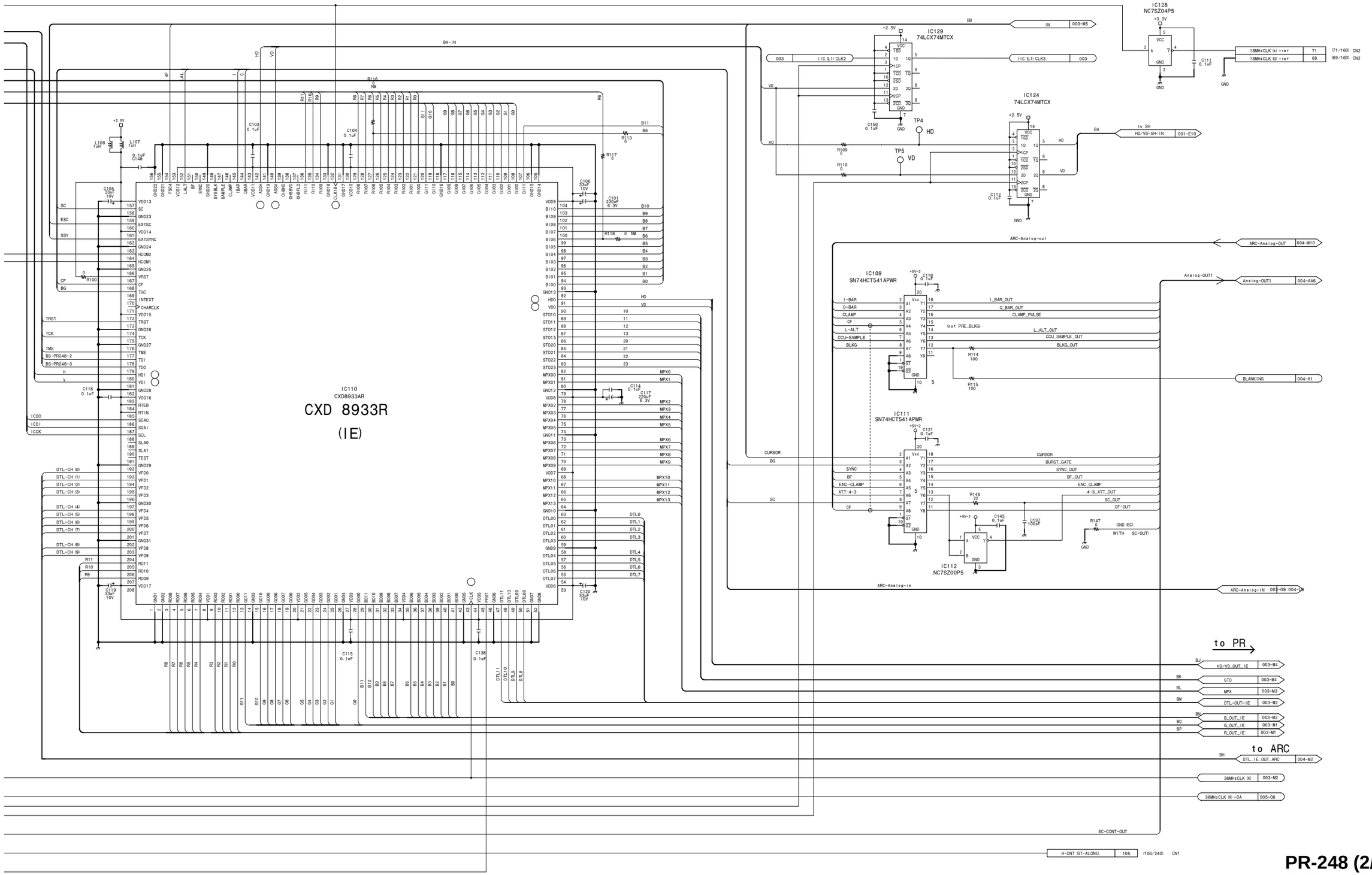
PR-248 (2/6)

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



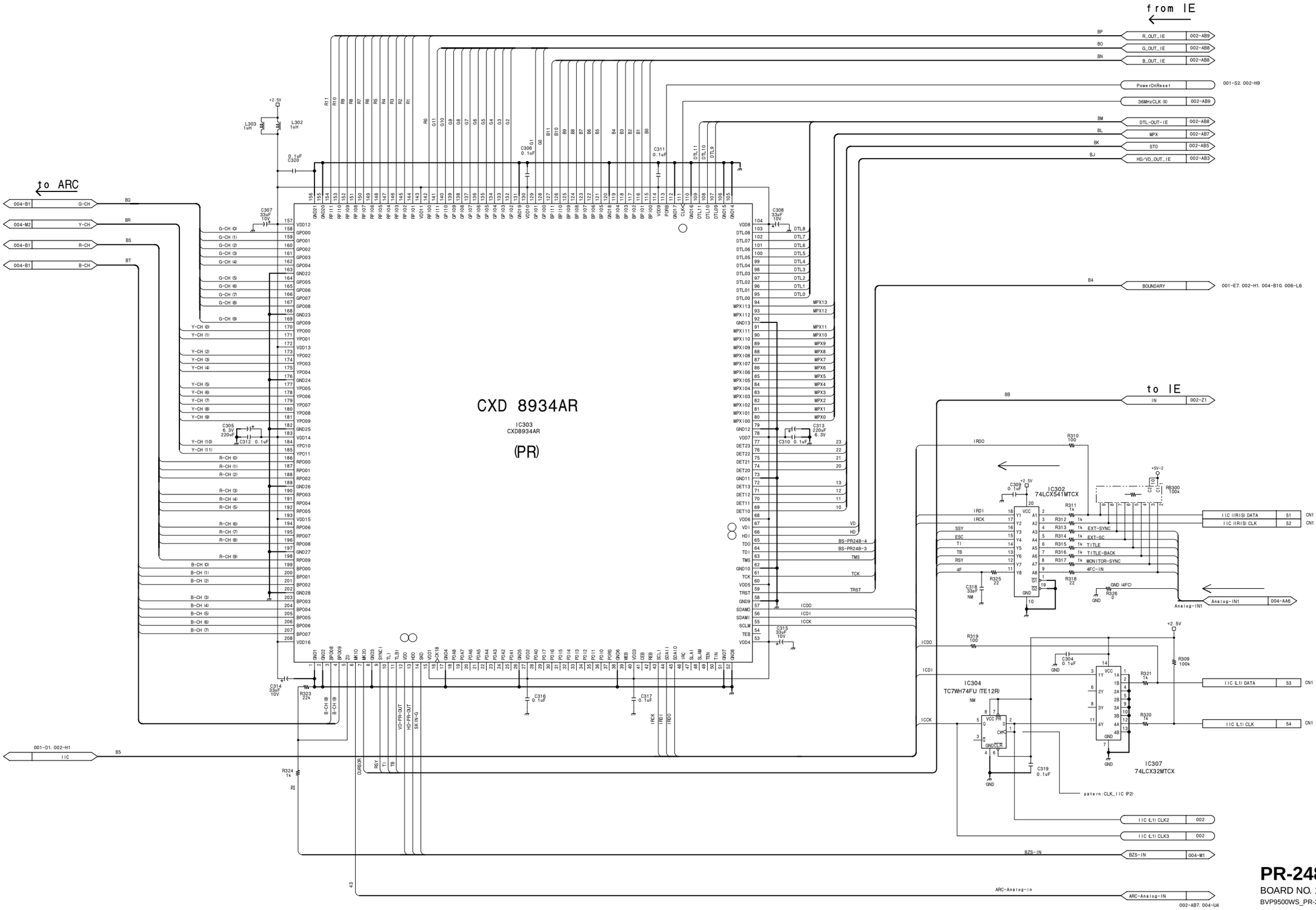
7-38 (b)

PR-248 (2/6)



PR-248 (2/6)
BOARD NO. 1-677-806-12
BVP9500WS_PR-248_12A_2

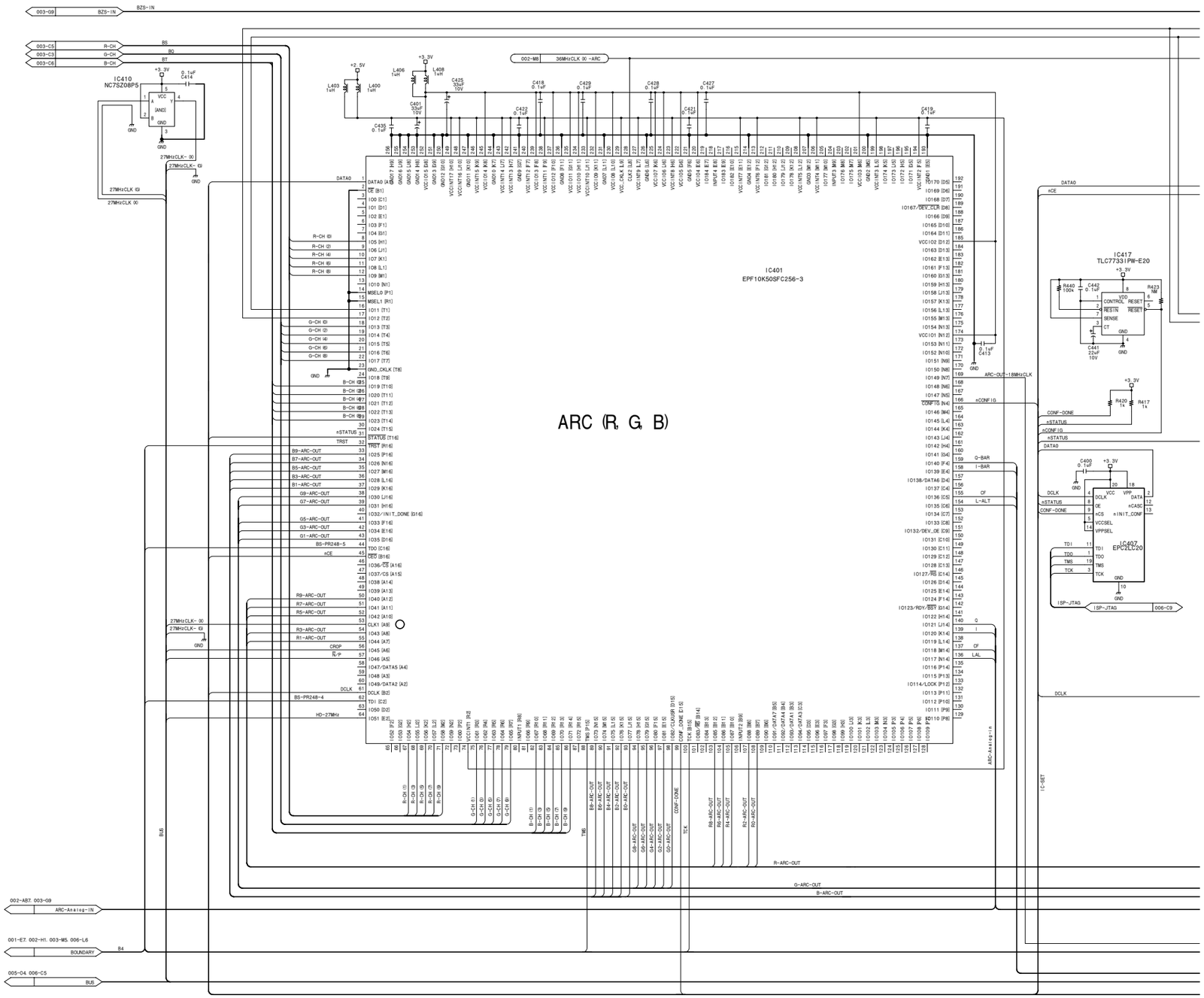
BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



PR-248 (4/6)

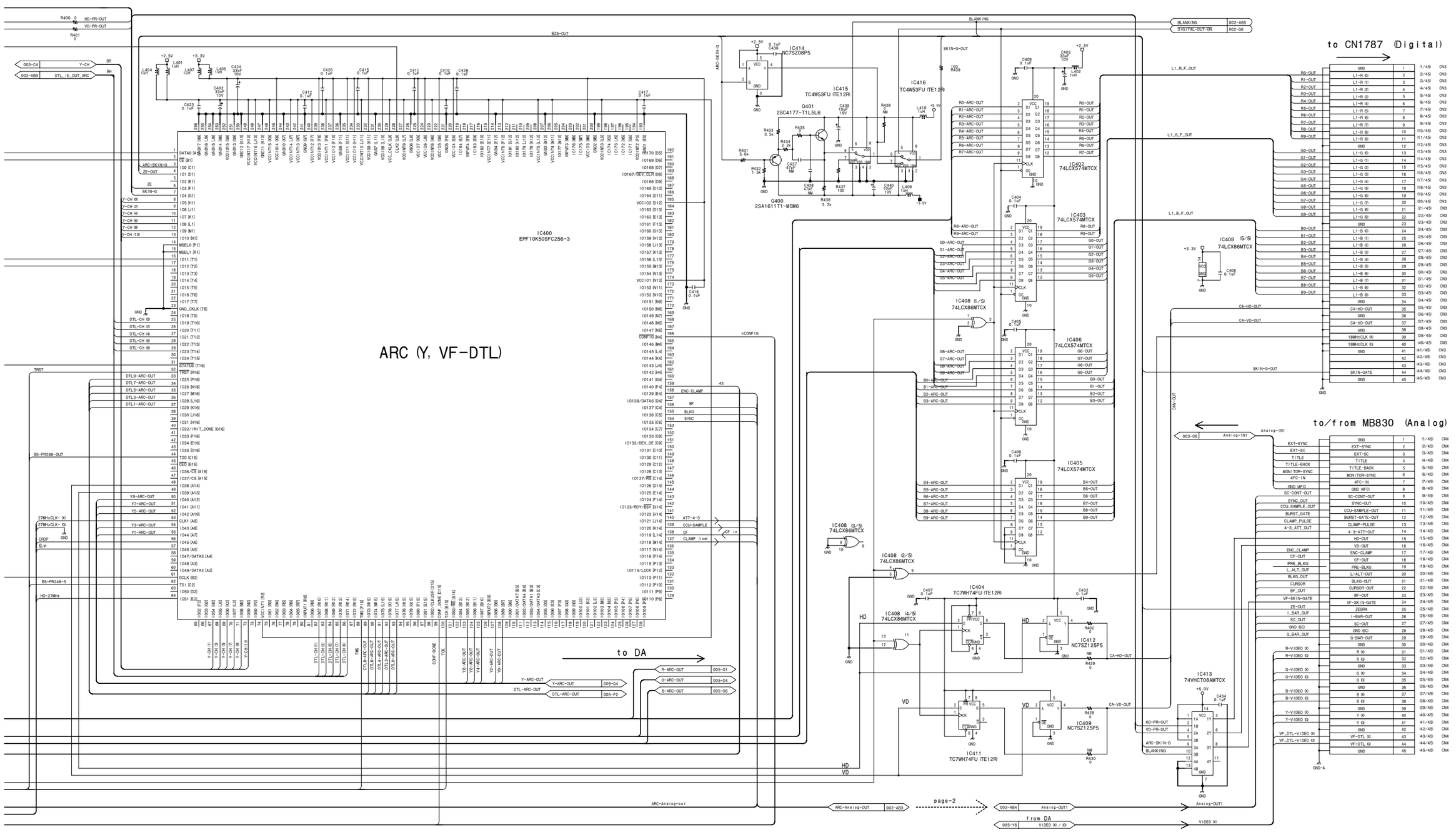
BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher

ARC (R, G, B)



7-42 (b)

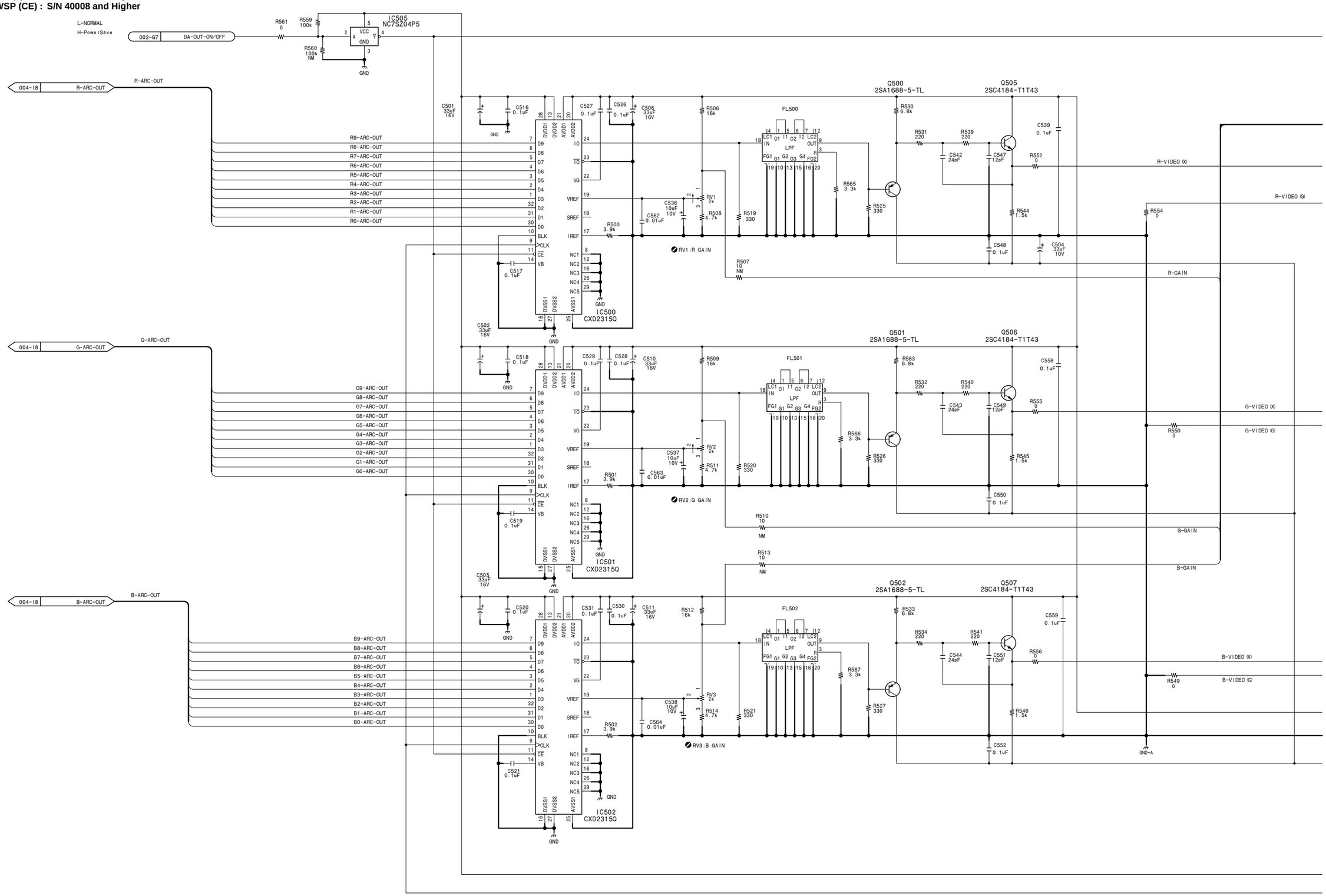
PR-248 (4/6)



PR-248 (4/6)
BOARD NO. 1-677-806-12
BVP9500WS_PR-248_12A_4

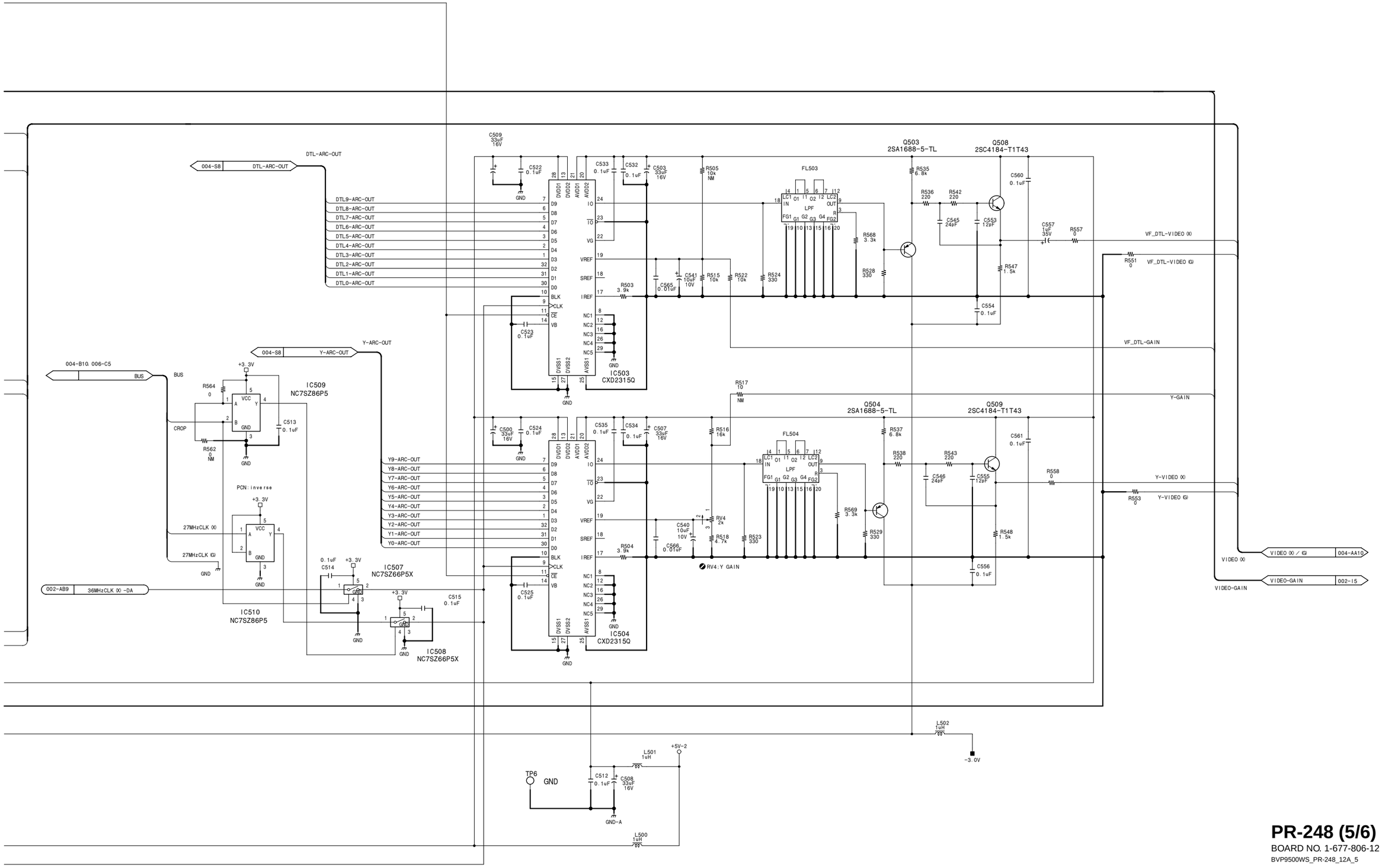
PR-248 (5/6)

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



7-44 (b)

PR-248 (5/6)

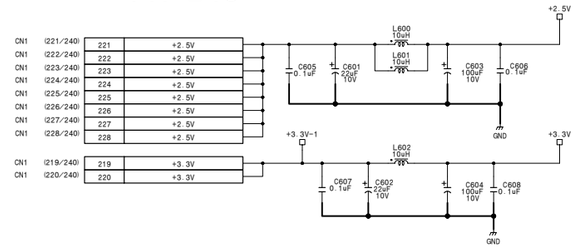


PR-248 (5/6)
BOARD NO. 1-677-806-12
BVP9500WS_PR-248_12A_5

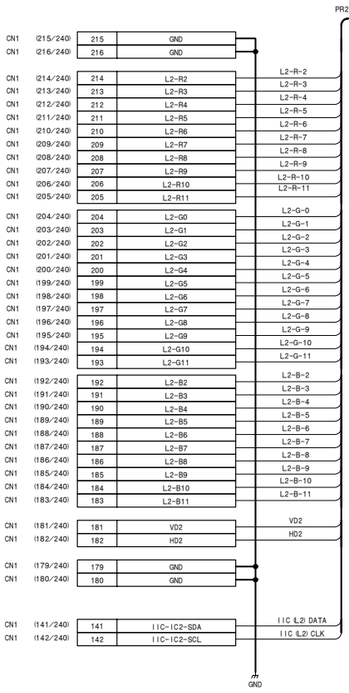
PR-248 (6/6)

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher

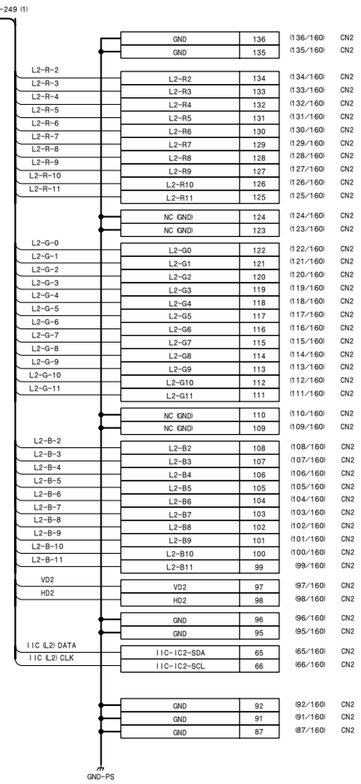
PR-248



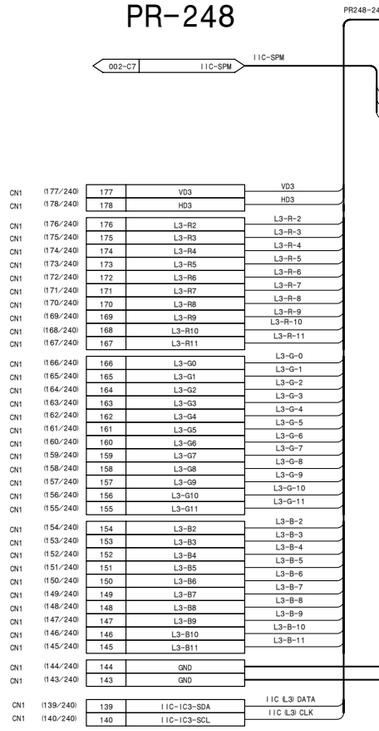
PR-248



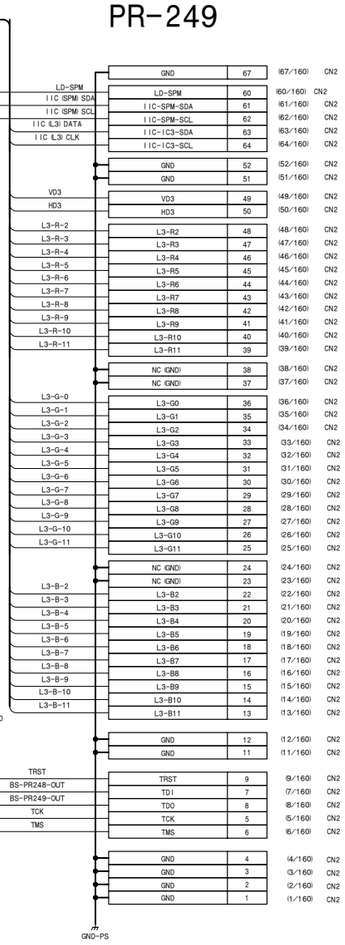
PR-249



PR-248

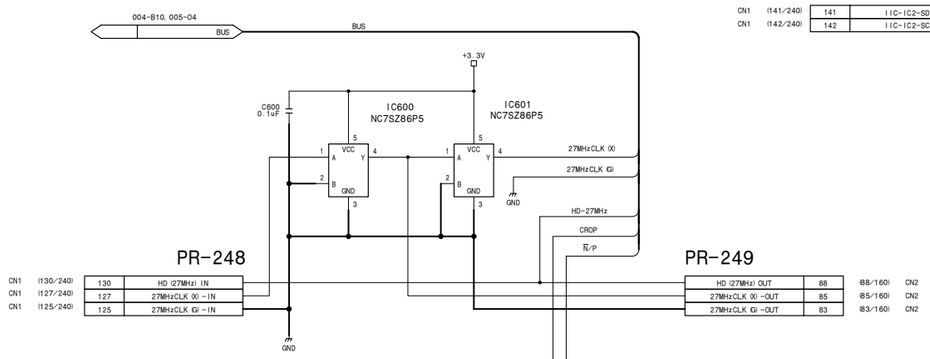


PR-249

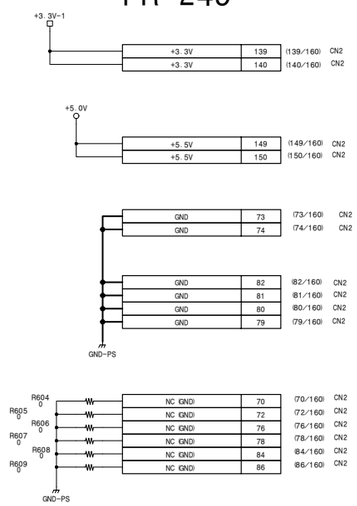


004-B10. 005-04
BUS

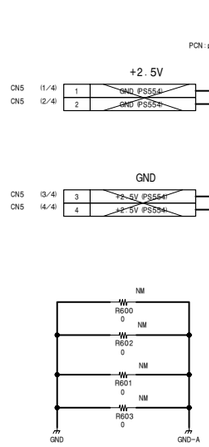
PR-248



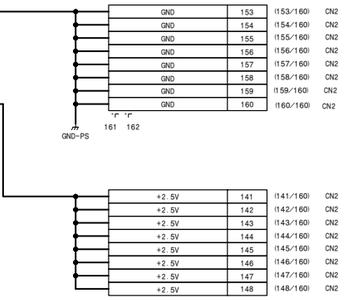
PR-249



PS-554>POWER



PR-249>POWER



IC602 NC7SZ125P5
IC603 NC7SZ125P5
IC604 NC7SZ04P5
004-K6 ISP-JTAG
TDI TCK TMS TDO
R610 100k
CN1 (96/240) 96 248DET
CN1 (93/240) 93 TDO
CN1 (94/240) 94 TDI
CN1 (109/240) 109 TCK
CN1 (110/240) 110 TMS
TDO 53 (53/160) CN2
TDI 54 (54/160) CN2
248DET 56 (56/160) CN2
TCK 93 (93/160) CN2
TMS 94 (94/160) CN2

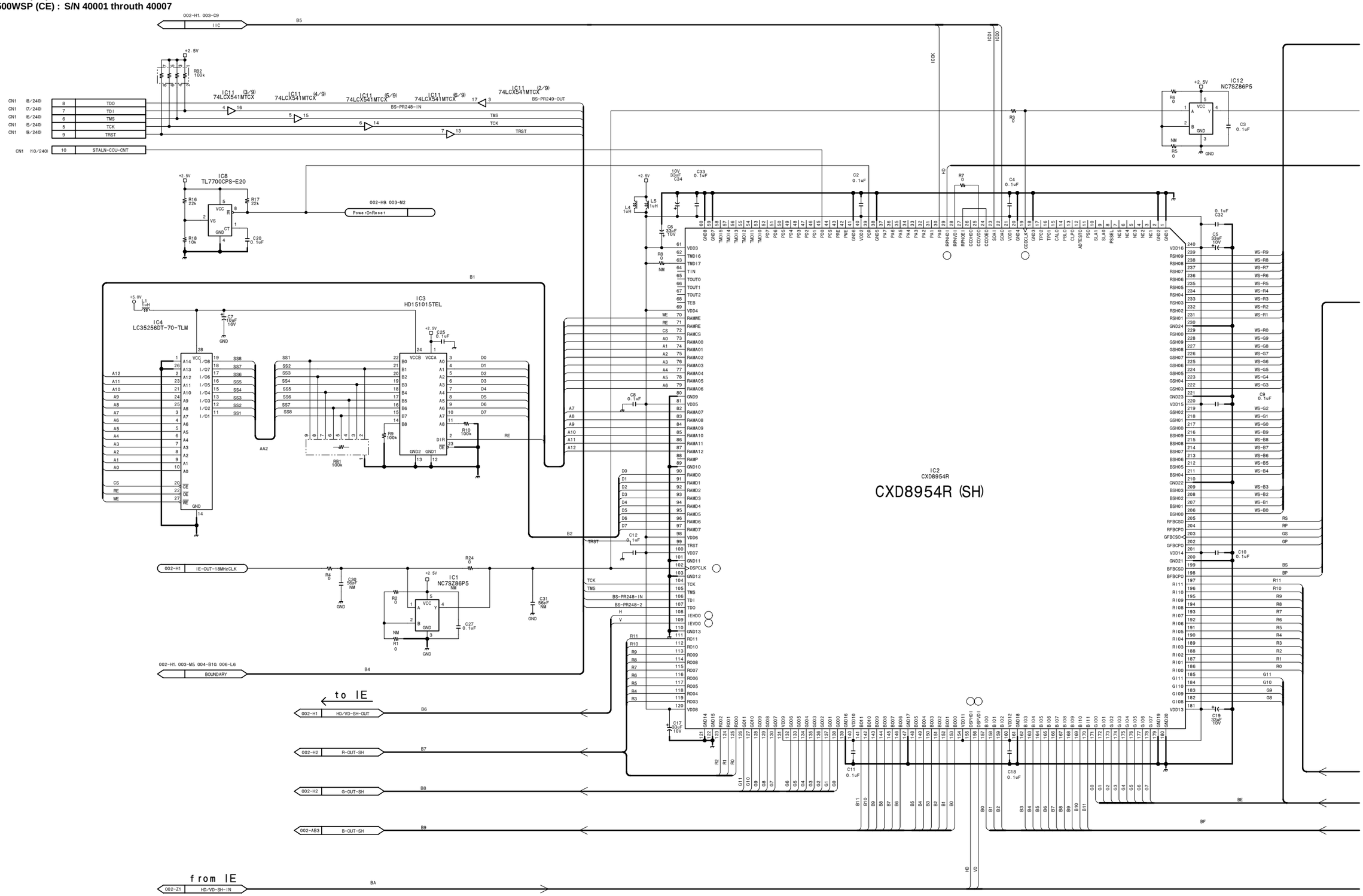
ISP-ROM JTAG

PR-248 (6/6)
BOARD NO. 1-677-806-12
BVP9500WS_PR-248_12A_6

7-46 (b)

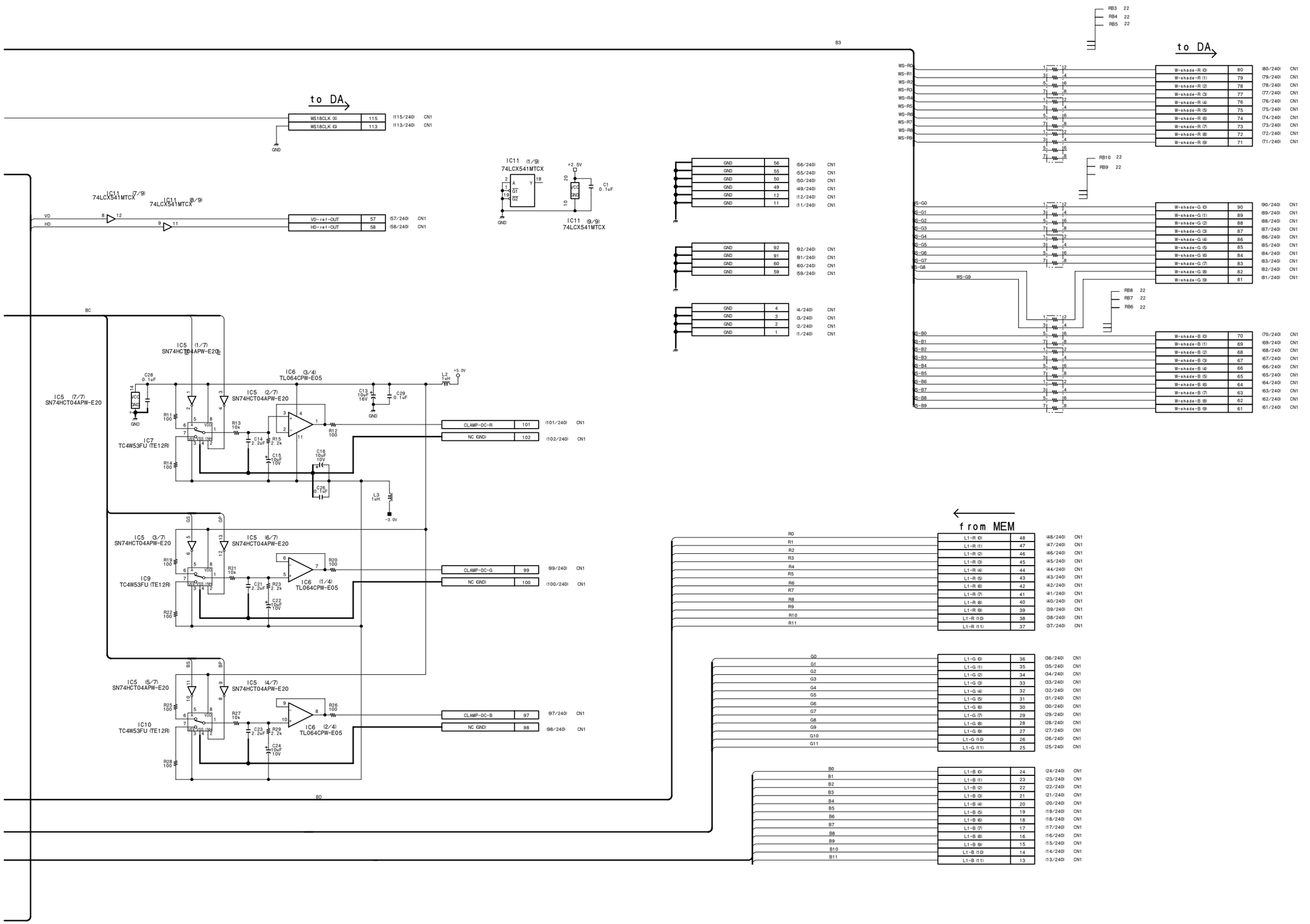
PR-248 (1/6)

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007



7-36 (a)

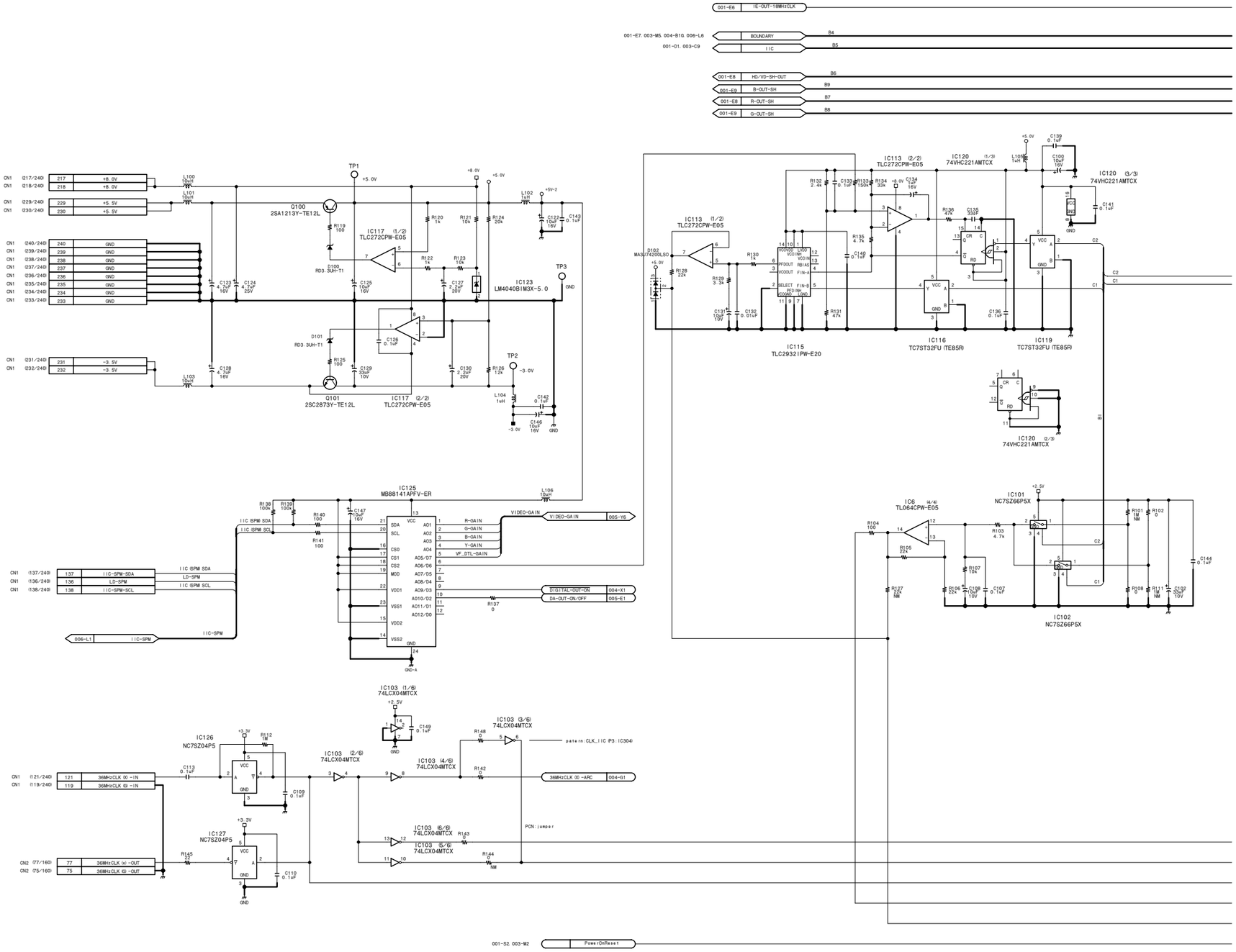
PR-248 (1/6)



PR-248 (1/6)
BOARD NO. 1-677-806-11
BVP9500WS_PR-248_11A_1

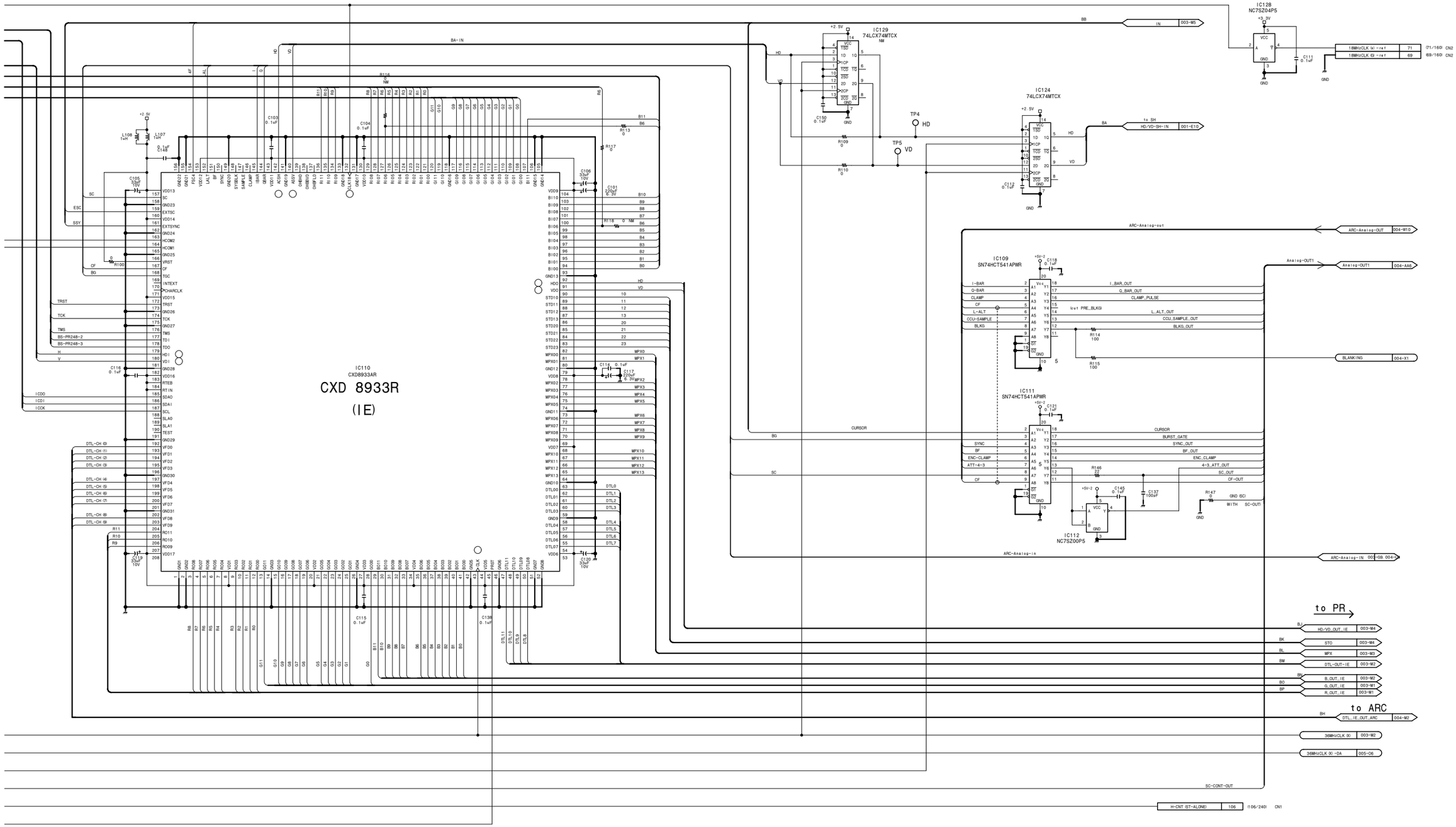
PR-248 (2/6)

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007



7-38 (a)

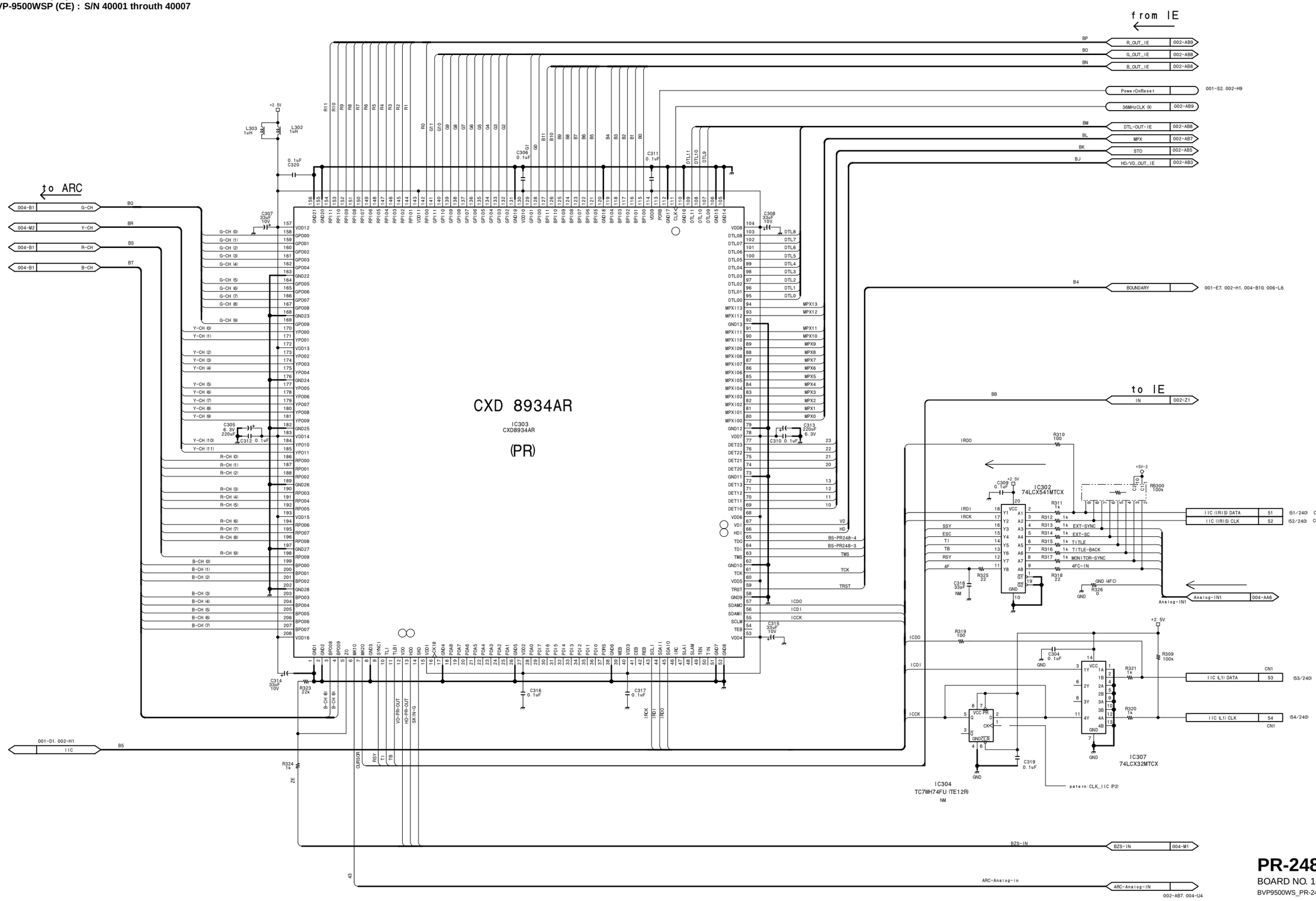
PR-248 (2/6)



PR-248 (2/6)
BOARD NO. 1-677-806-11
BVP9500WS_PR-248_11A_2

PR-248 (3/6)

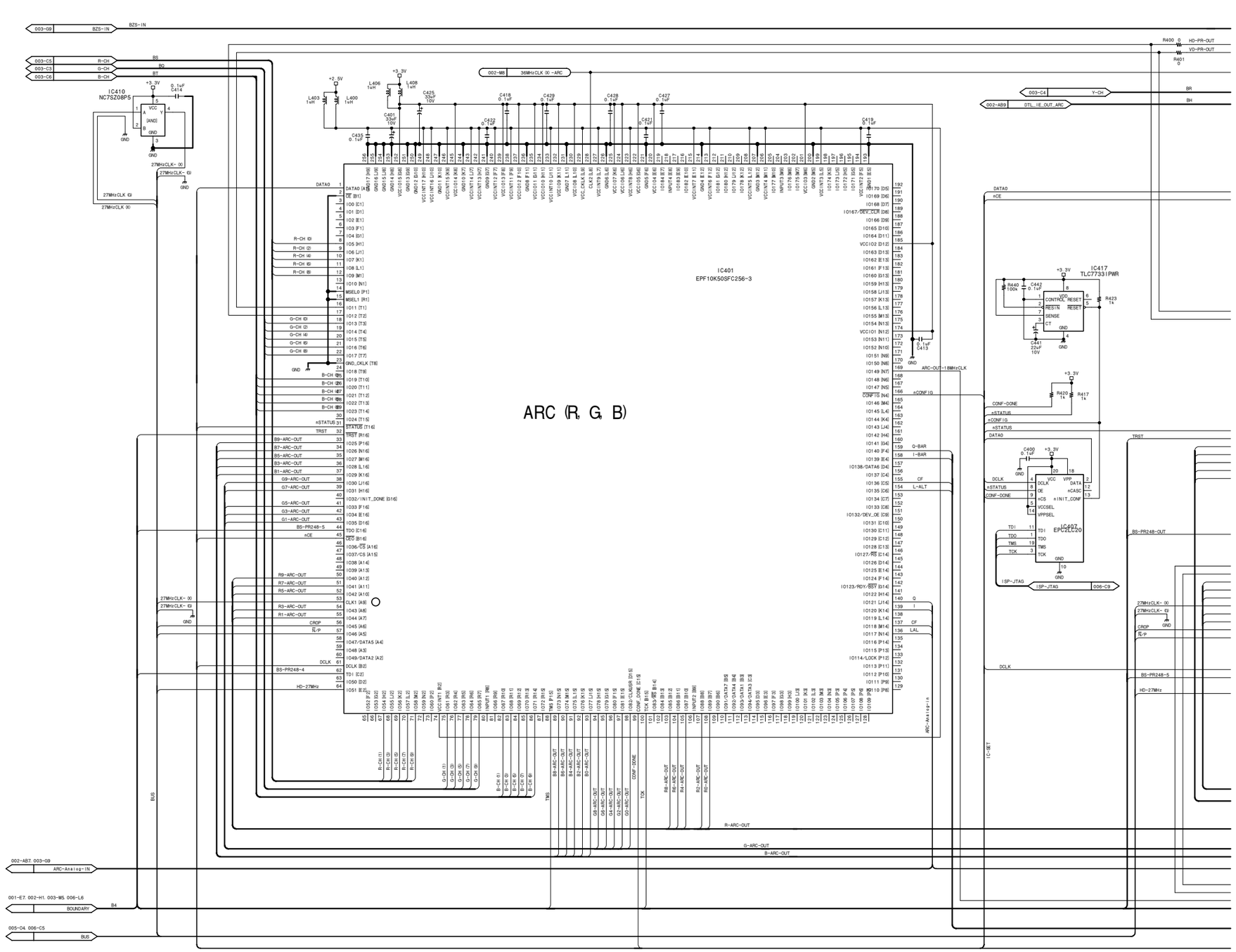
BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007



PR-248 (3/6)
BOARD NO. 1-677-806-11
BVP9500WS_PR-248_11A_3

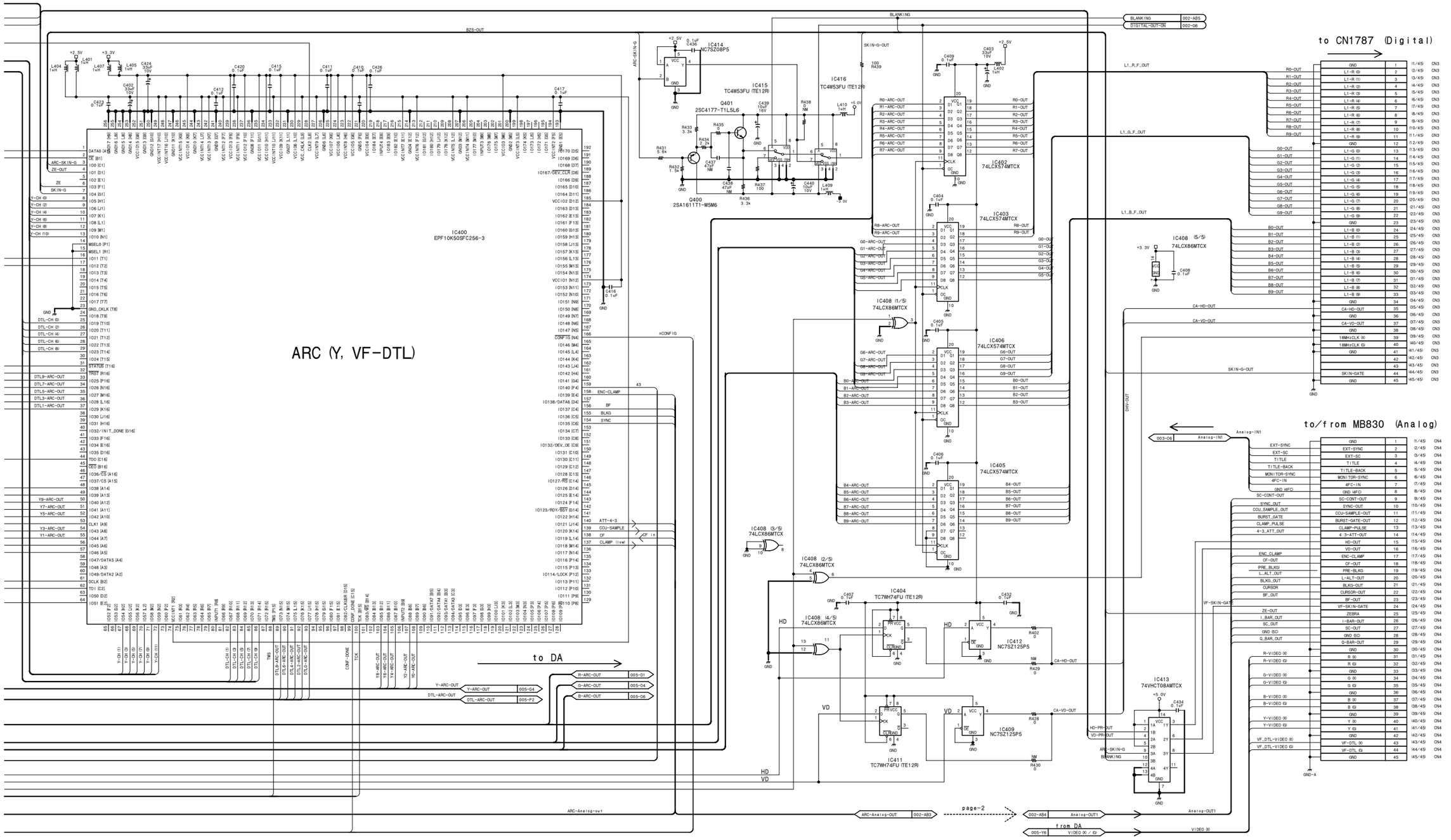
PR-248 (4/6)

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007



7-42 (a)

PR-248 (4/6)



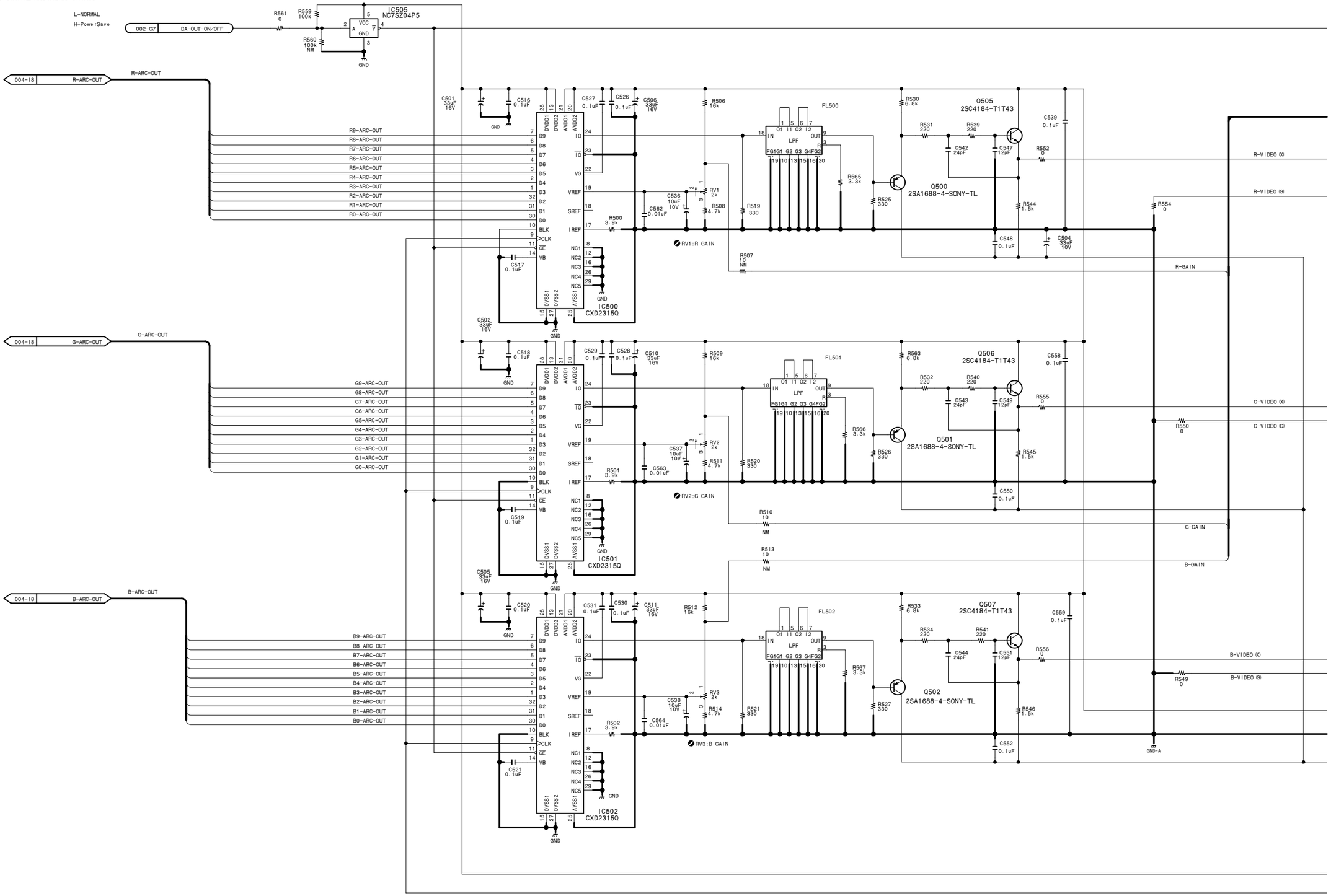
PR-248 (4/6)

BOARD NO. 1-677-806-11

BVP9500WS_PR-248_11A_4

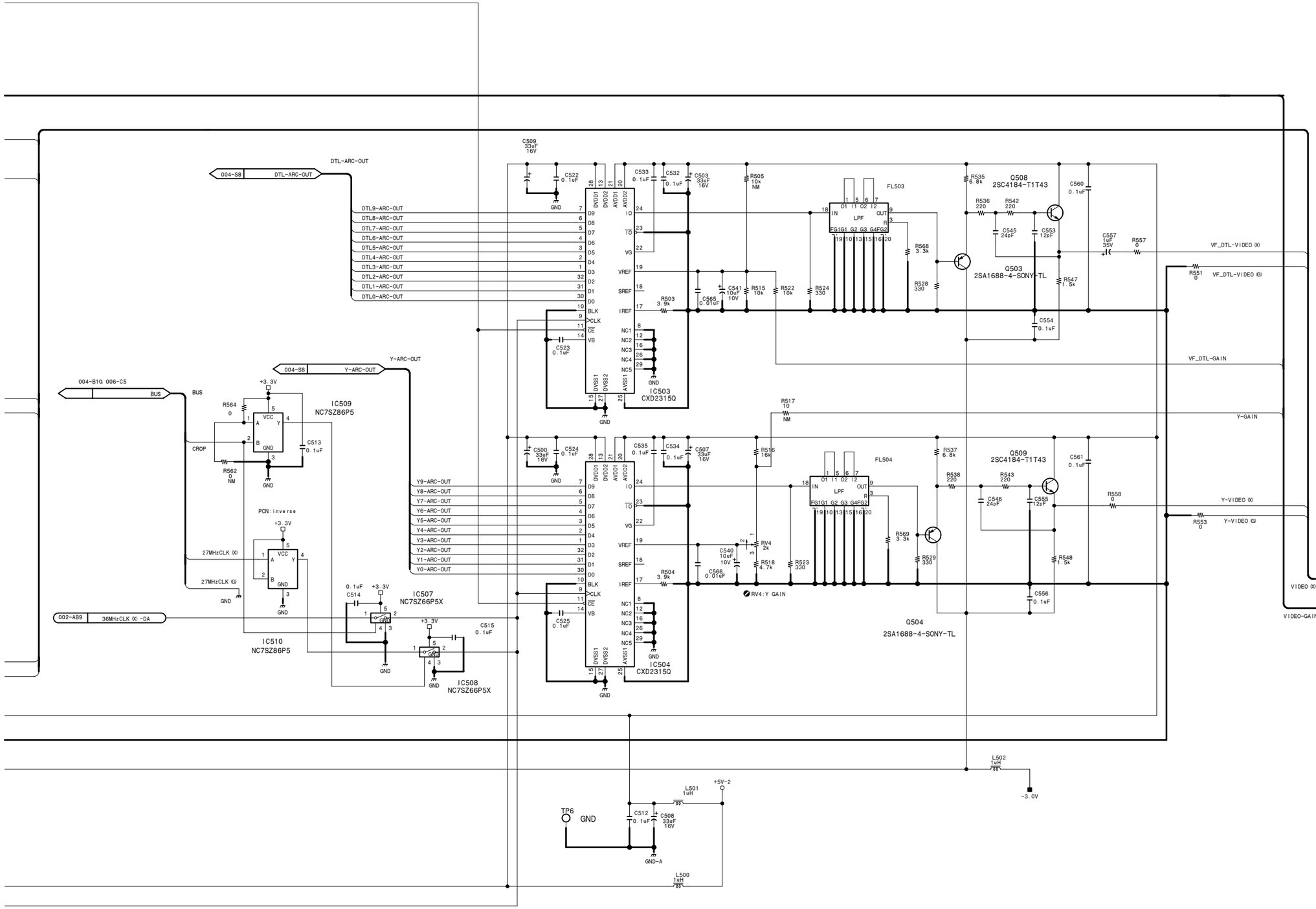
PR-248 (5/6)

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007



7-44 (a)

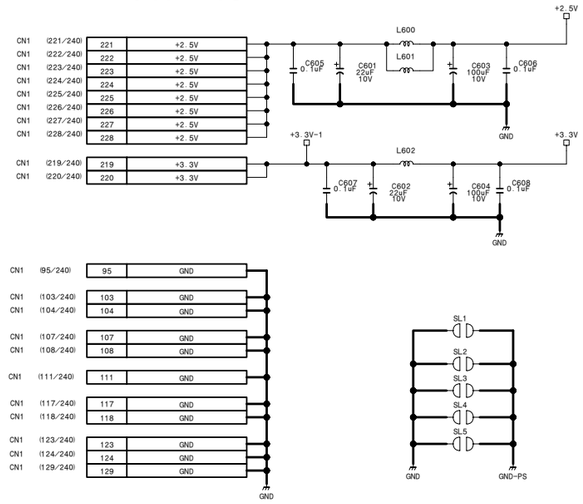
PR-248 (5/6)

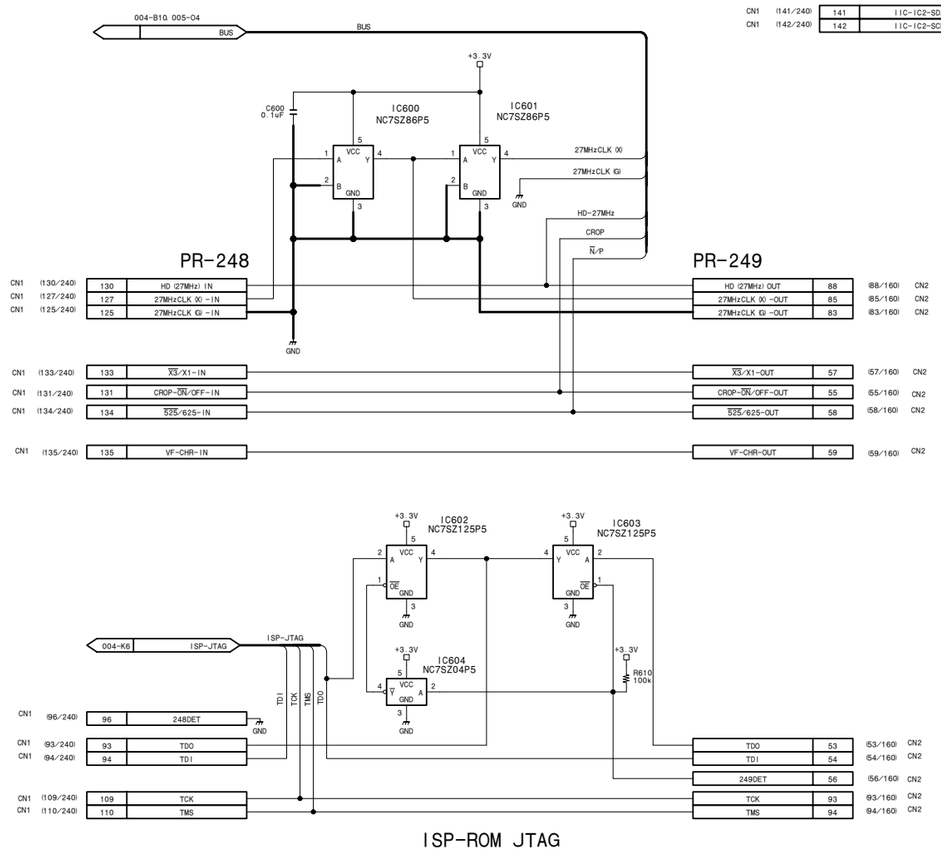


PR-248 (5/6)
BOARD NO. 1-677-806-11
BVP9500WS_PR-248_11A_5

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007

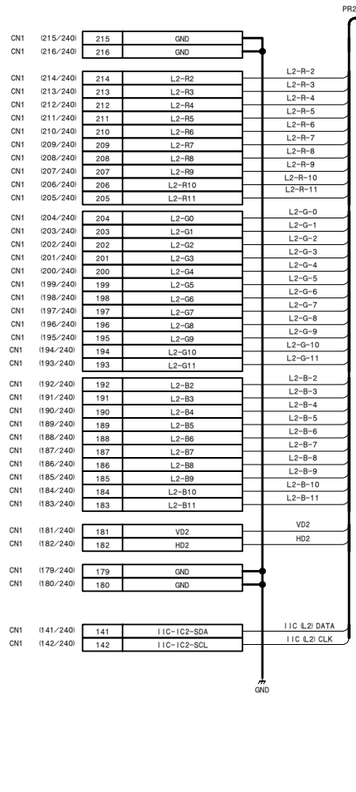
PR-248



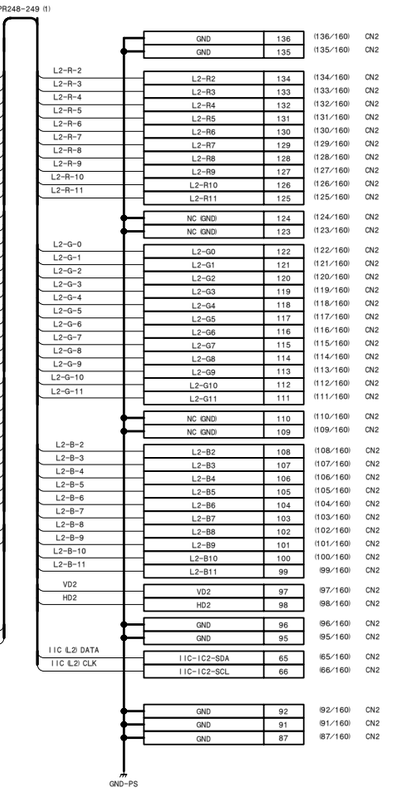


ISP-ROM JTAG

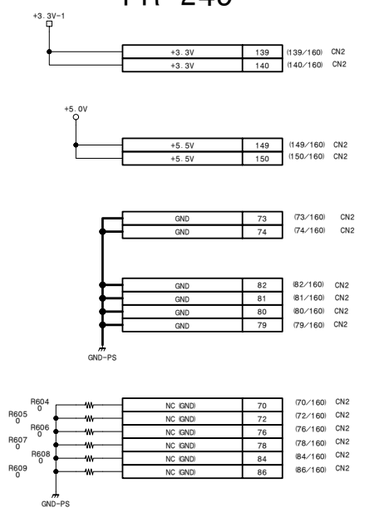
PR-248



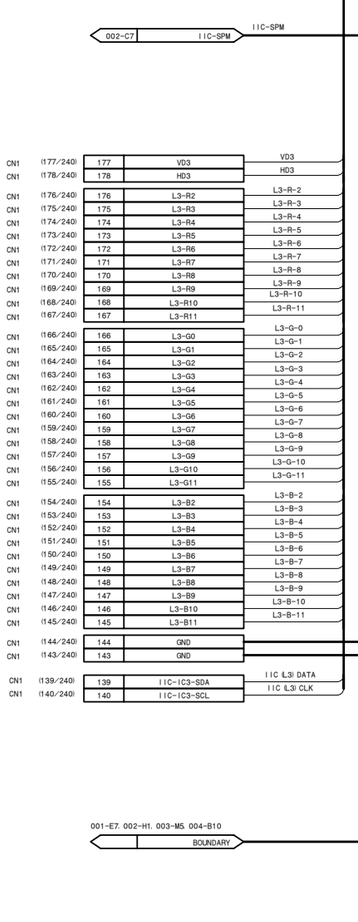
PR-249



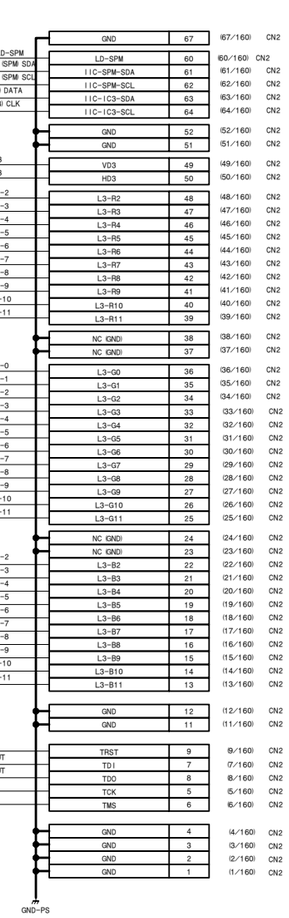
PR-249



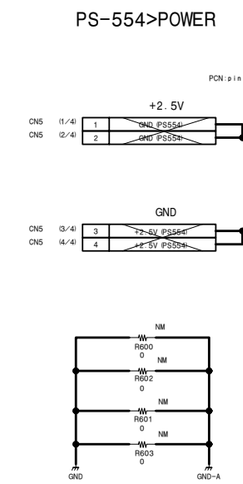
PR-248



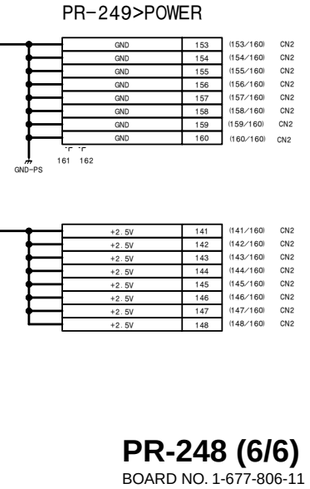
PR-249



PS-554>POWER



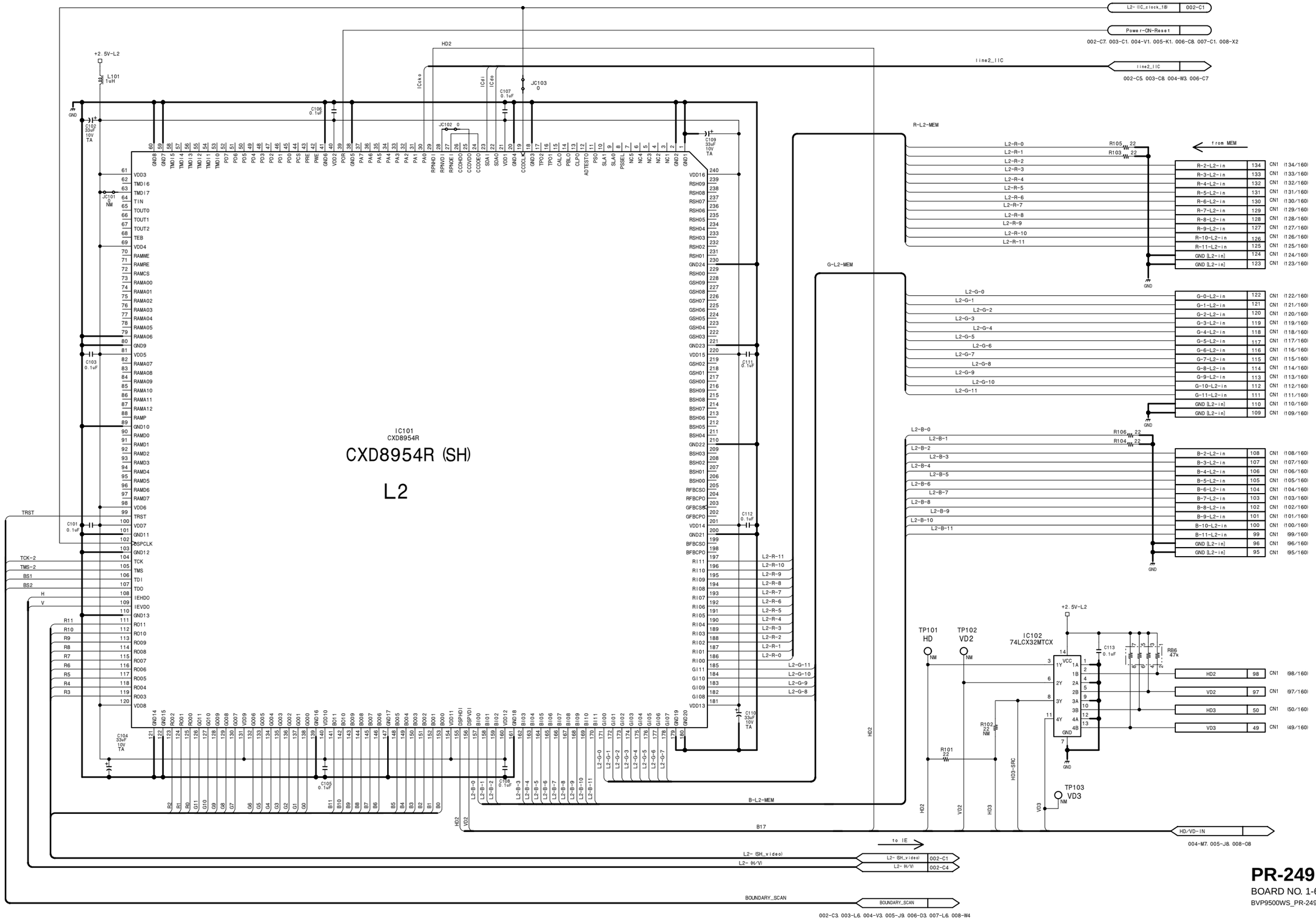
PR-249>POWER



PR-248 (6/6)

BOARD NO. 1-677-806-11
BVP9500WS_PR-248_11A_6

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

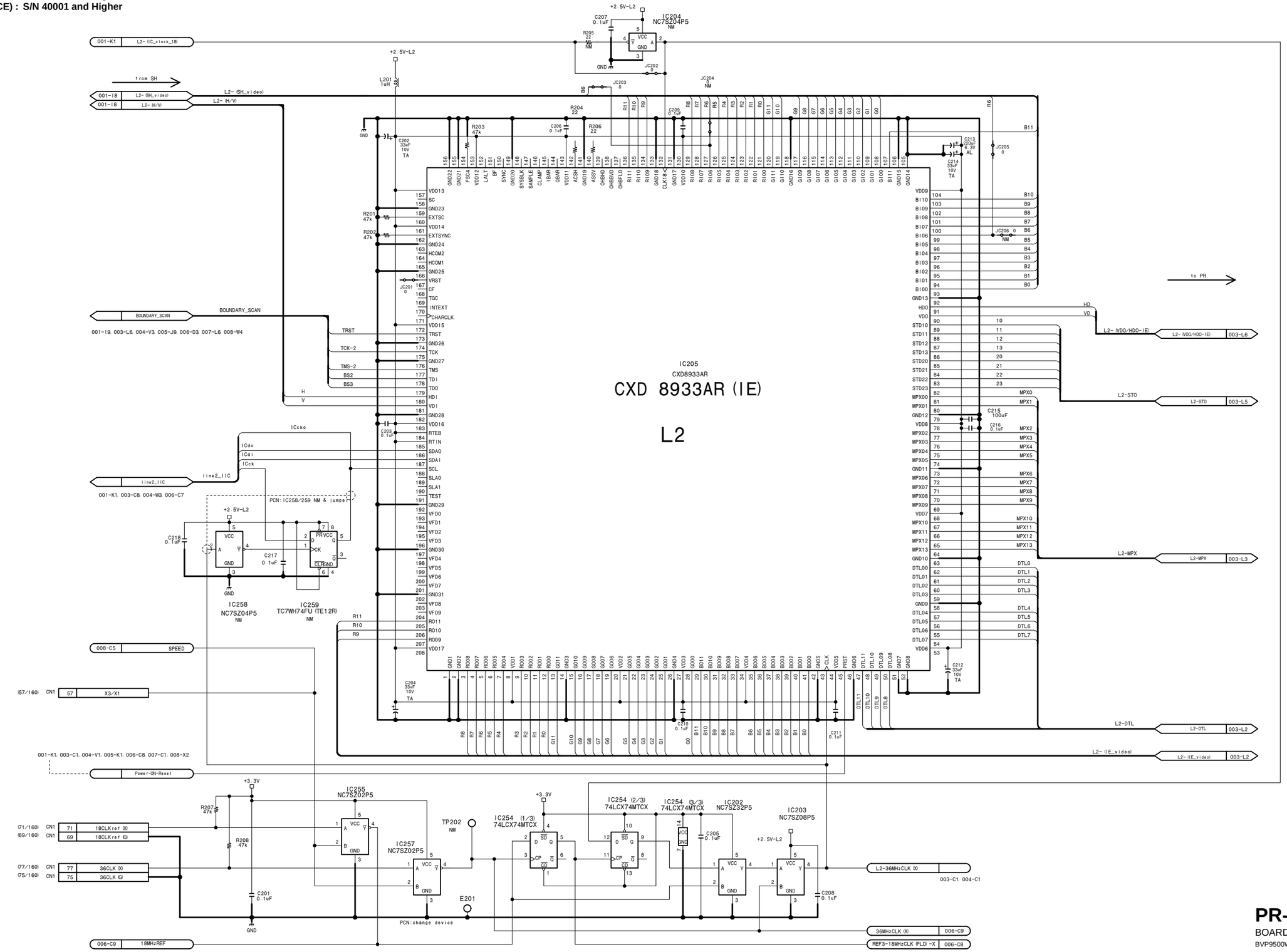


PR-249 (1/8)

BOARD NO. 1-677-807-11

BVP9500WS_PR-249_11A_1

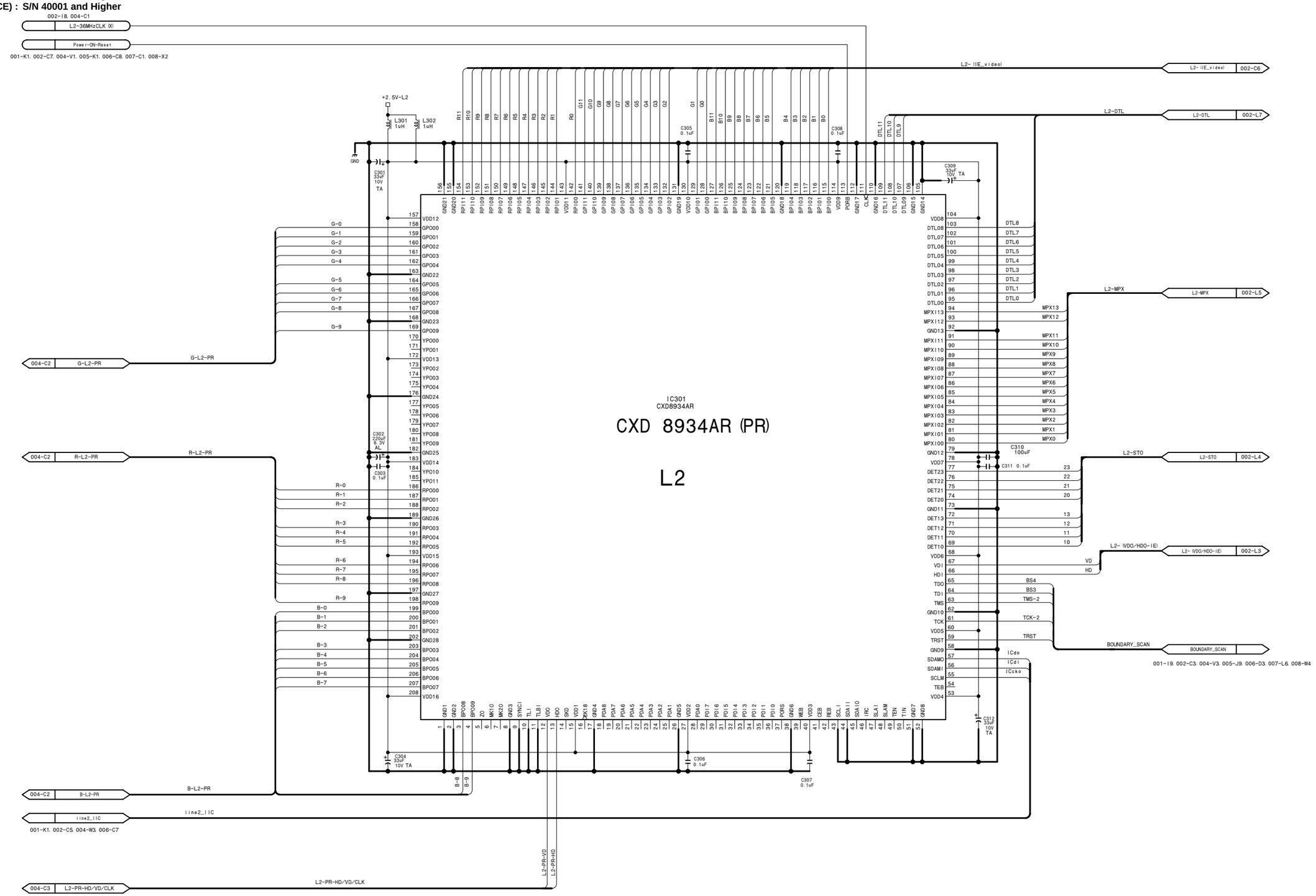
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



PR-249 (2/8)
BOARD NO. 1-677-807-11
BVP9500WS_PR-249_11A_2

BVP-9500WS/9500WSP MM

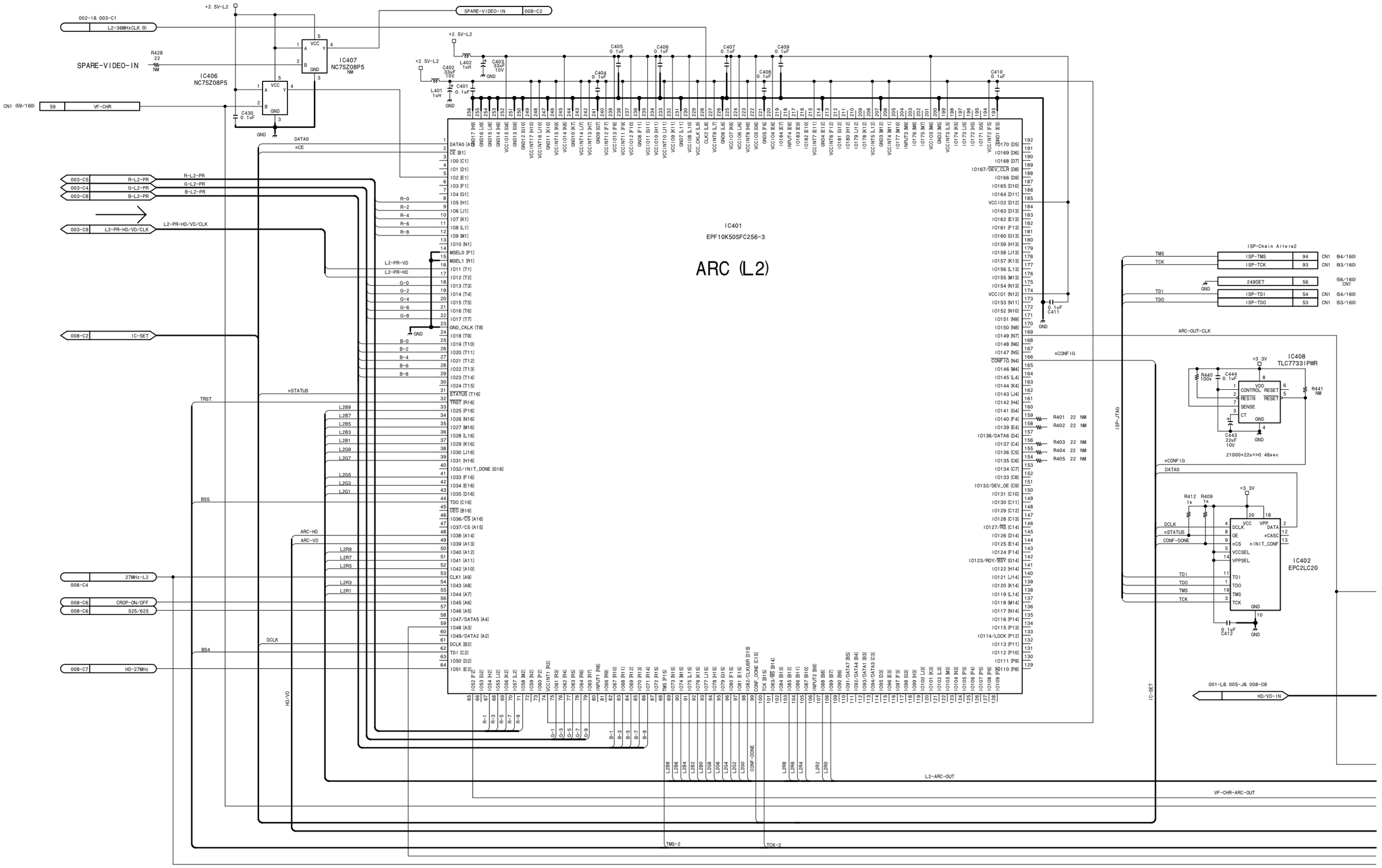
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



PR-249 (3/8)
BOARD NO. 1-677-807-11
BVP9500WS_PR-249_11A_3

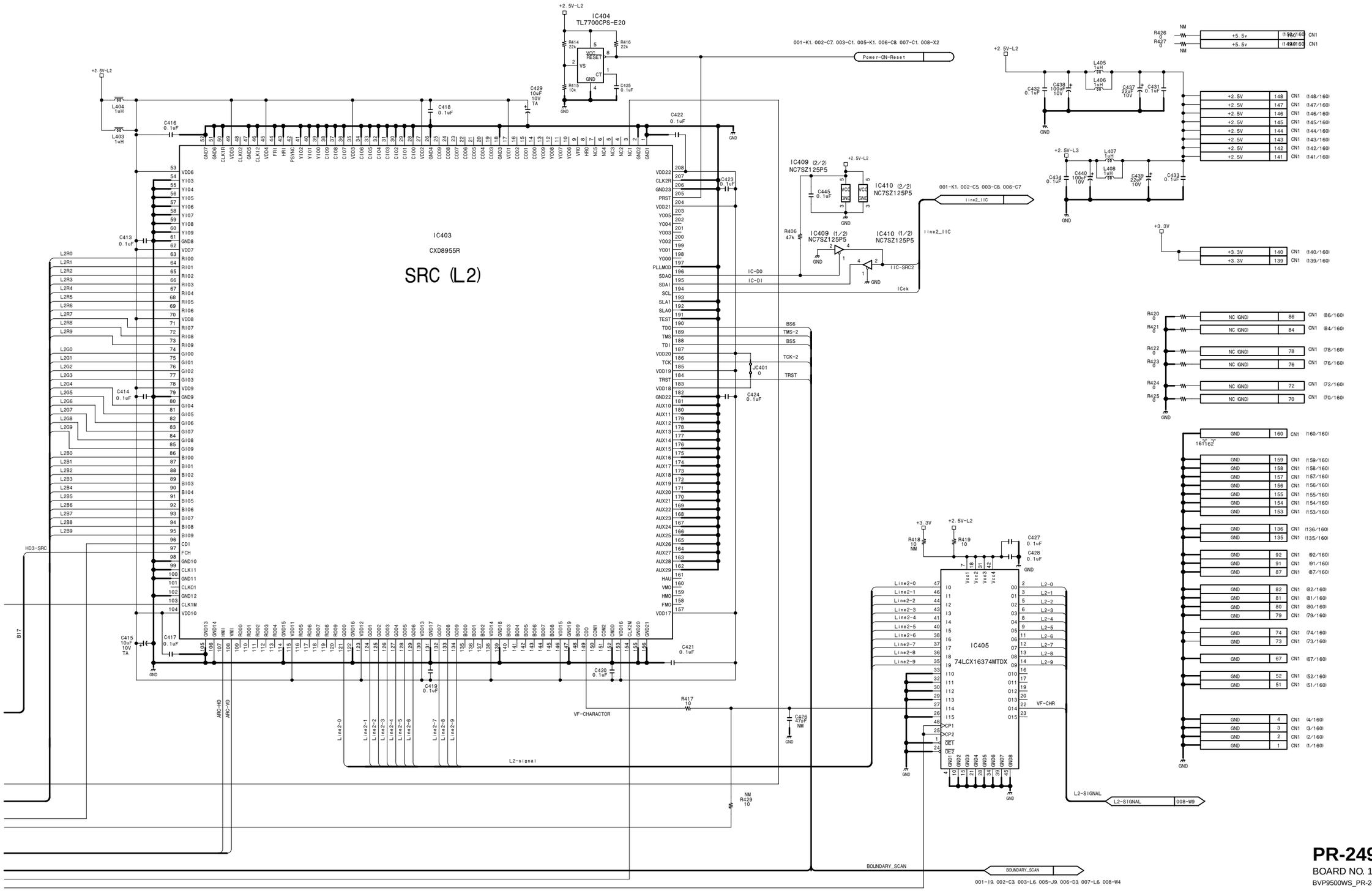
PR-249 (4/8)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



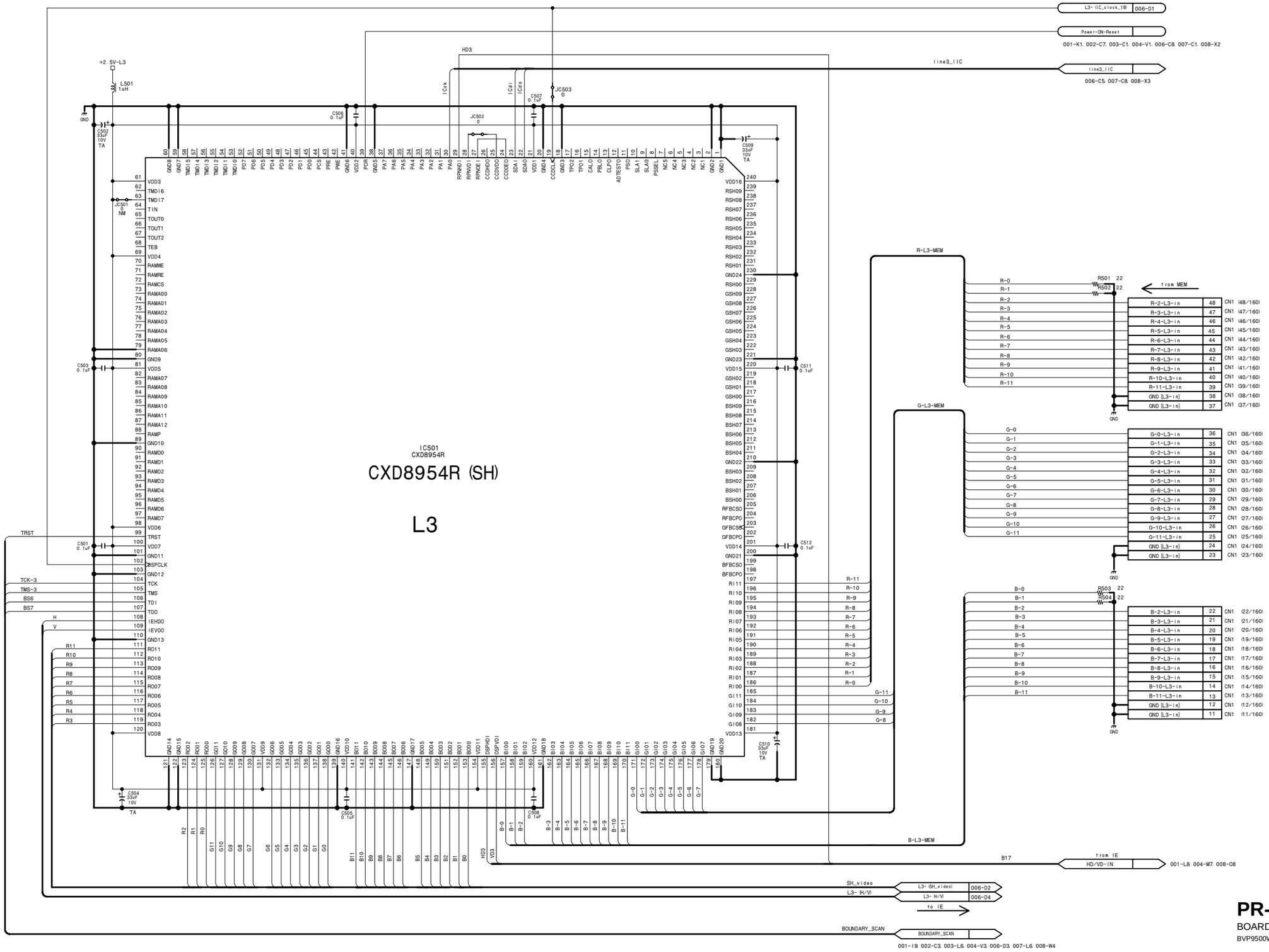
7-50

PR-249 (4/8)



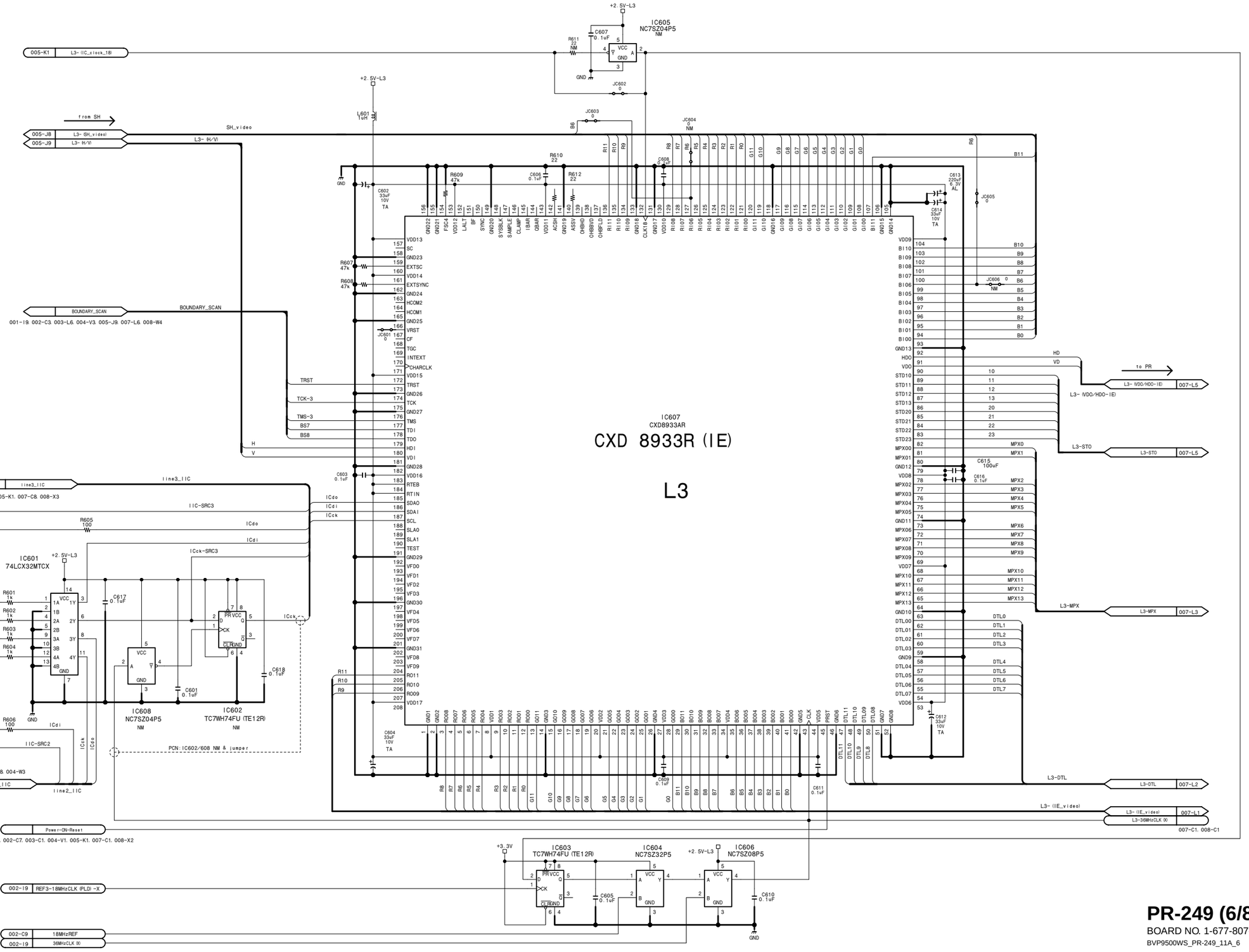
PR-249 (4/8)
BOARD NO. 1-677-807-11
BVP9500WS_PR-249_11A_4

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



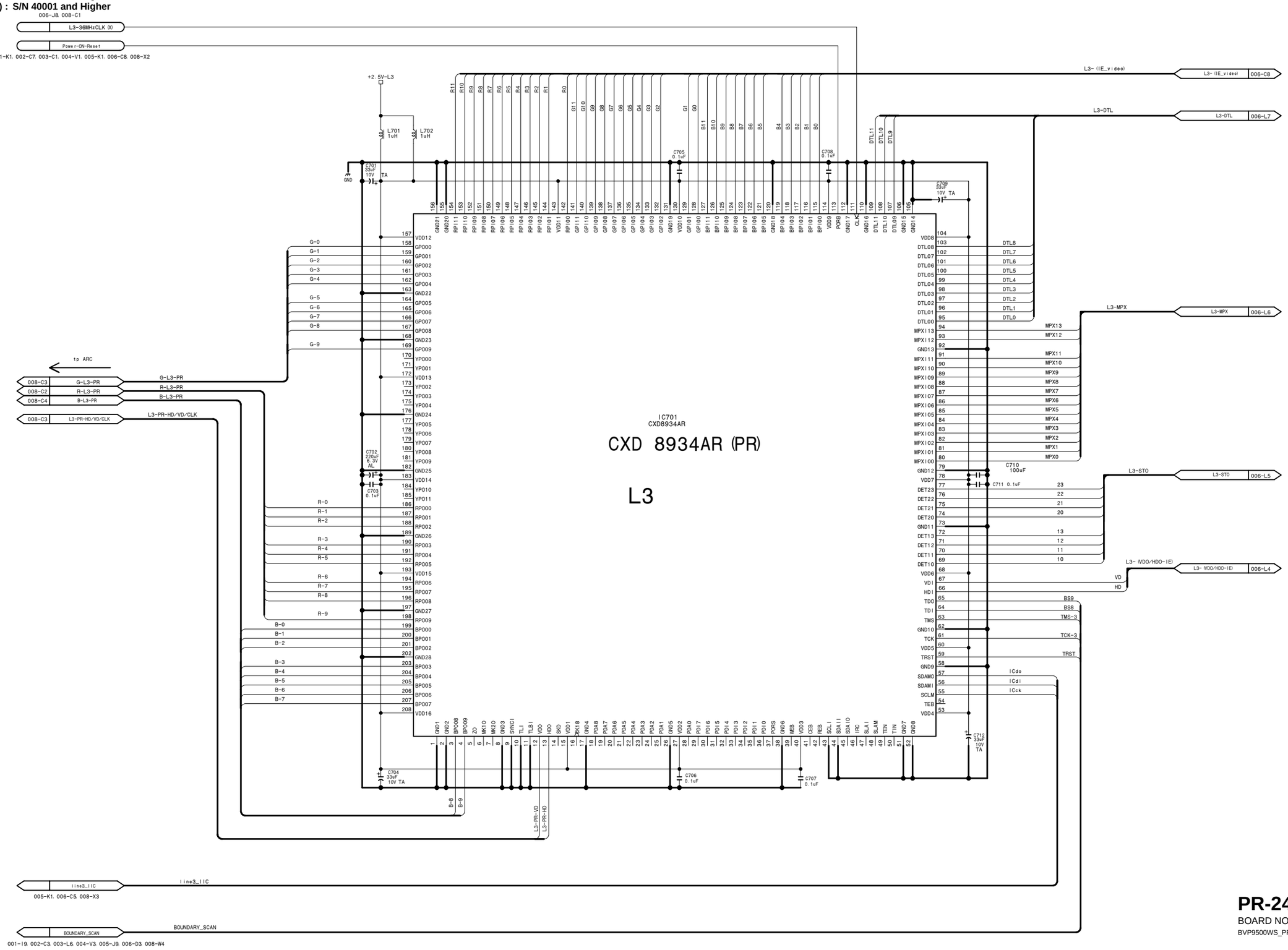
PR-249 (5/8)
BOARD NO. 1-677-807-11
BVP9500WS_PR-249_11A_5

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



PR-249 (6/8)
BOARD NO. 1-677-807-11
BVP9500WS_PR-249_11A_6

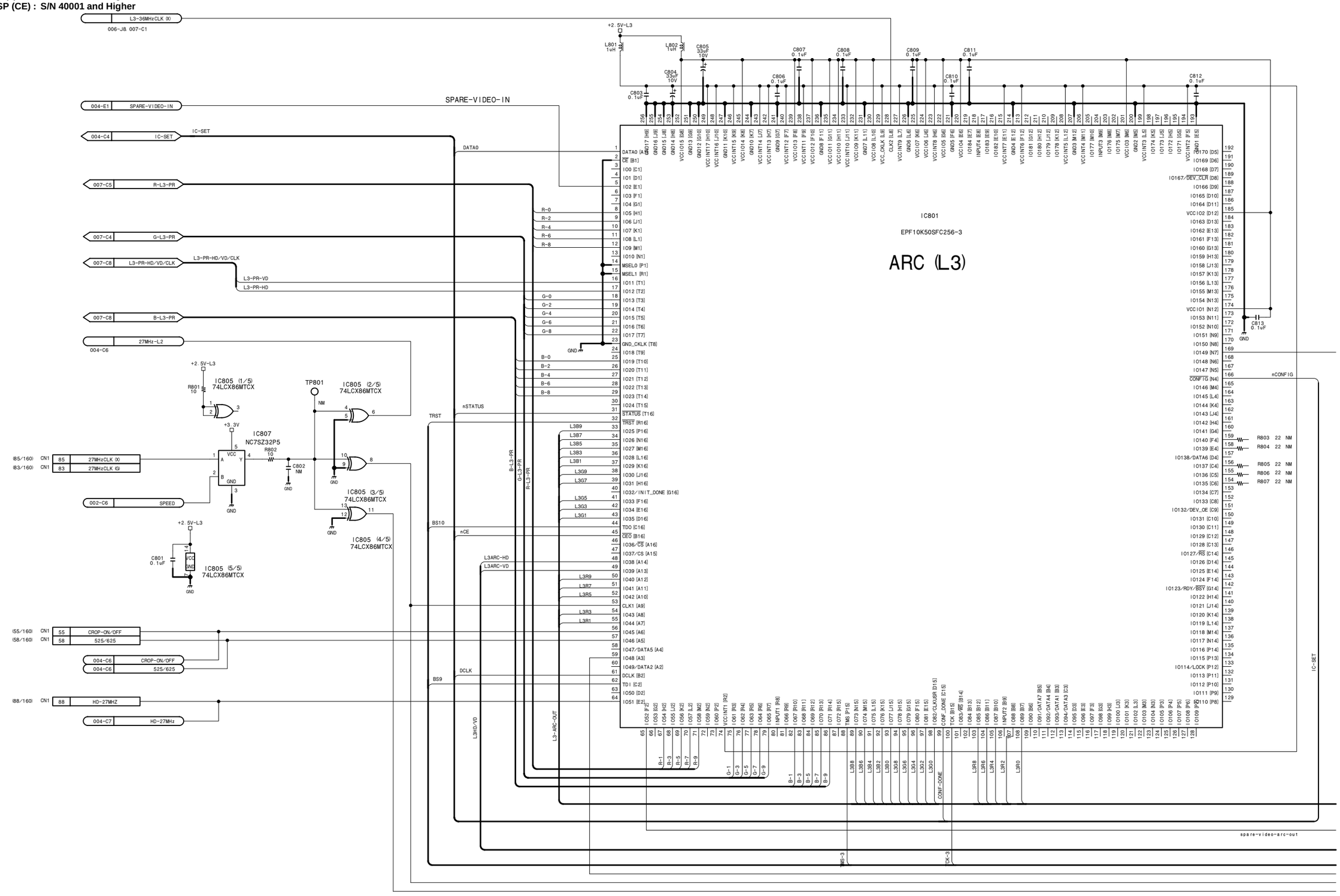
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



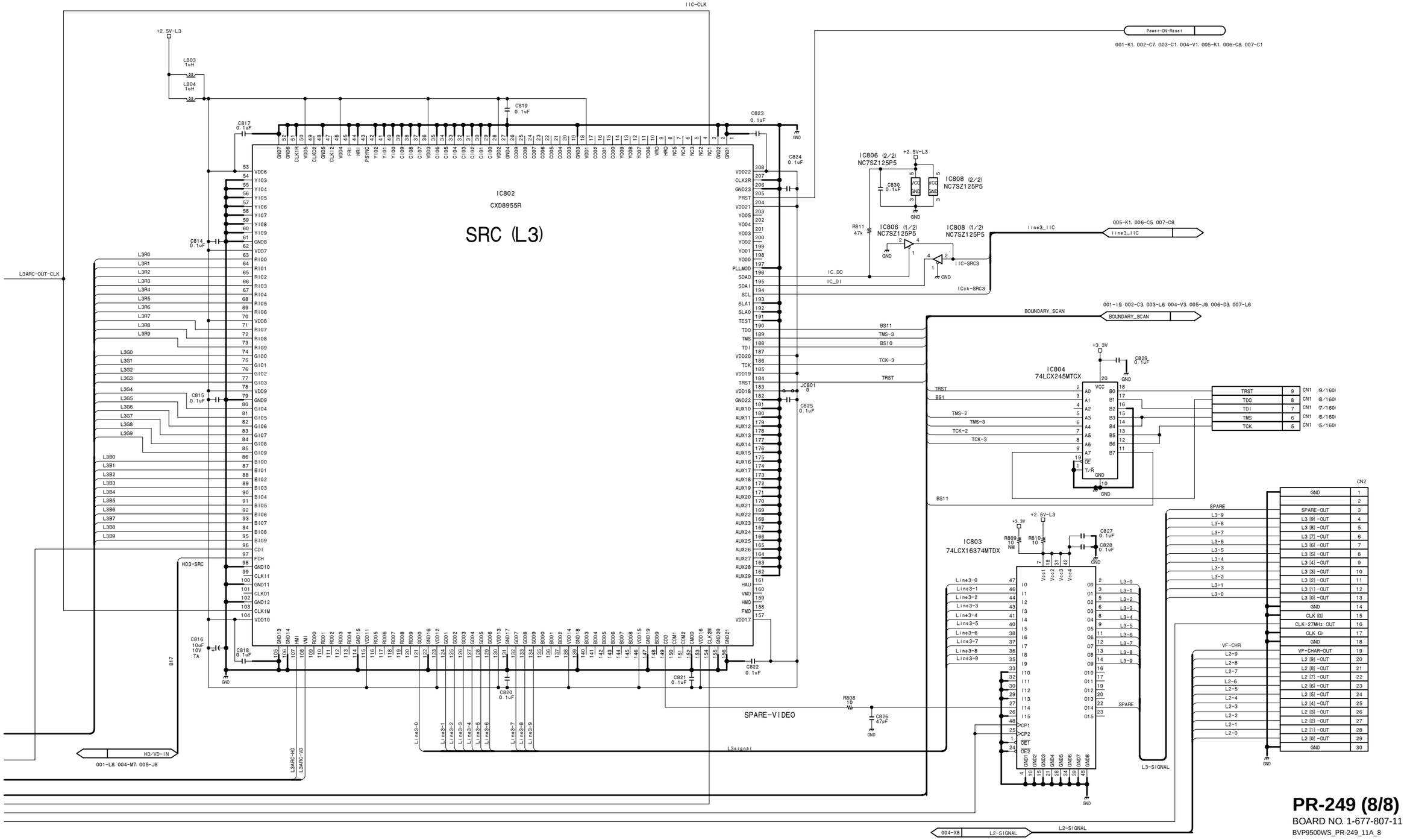
PR-249 (7/8)
BOARD NO. 1-677-807-11
BVP9500WS_PR-249_11A_7

PR-249 (8/8)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



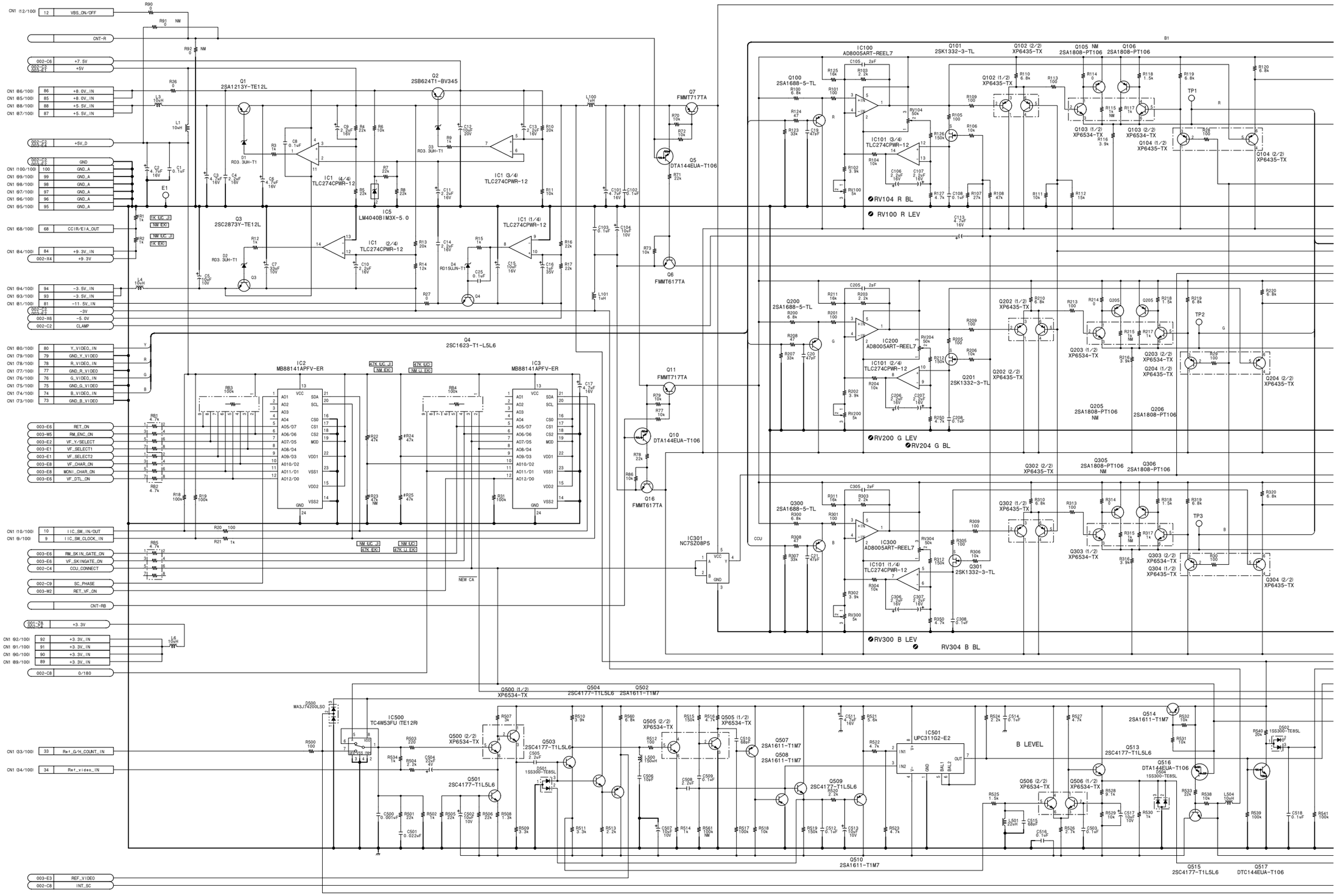
PR-249 (8/8)



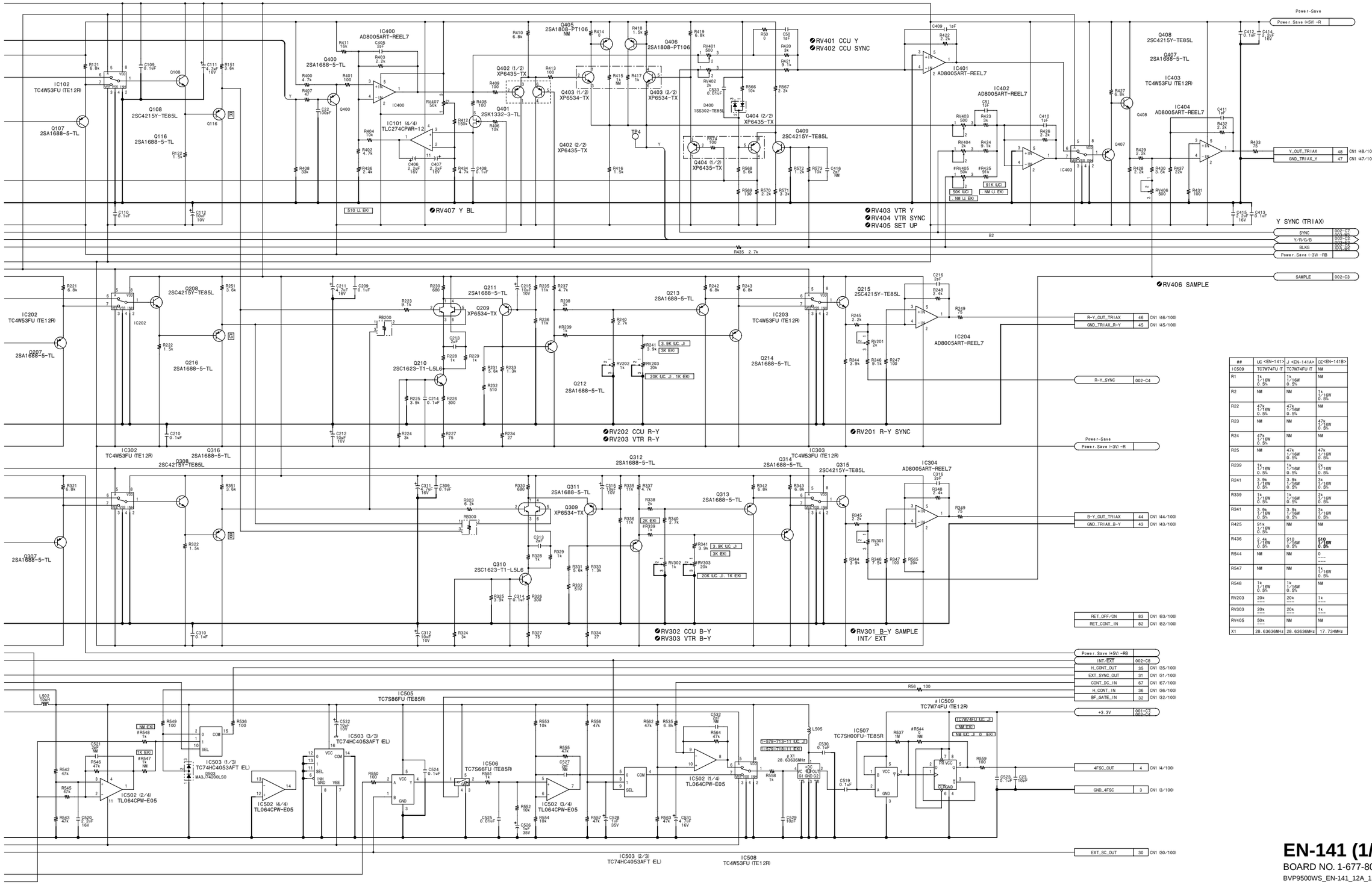
PR-249 (8/8)
BOARD NO. 1-677-807-11
BVP9500WS_PR-249_11A_8

EN-141 (1/3)

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



7-58 (b)

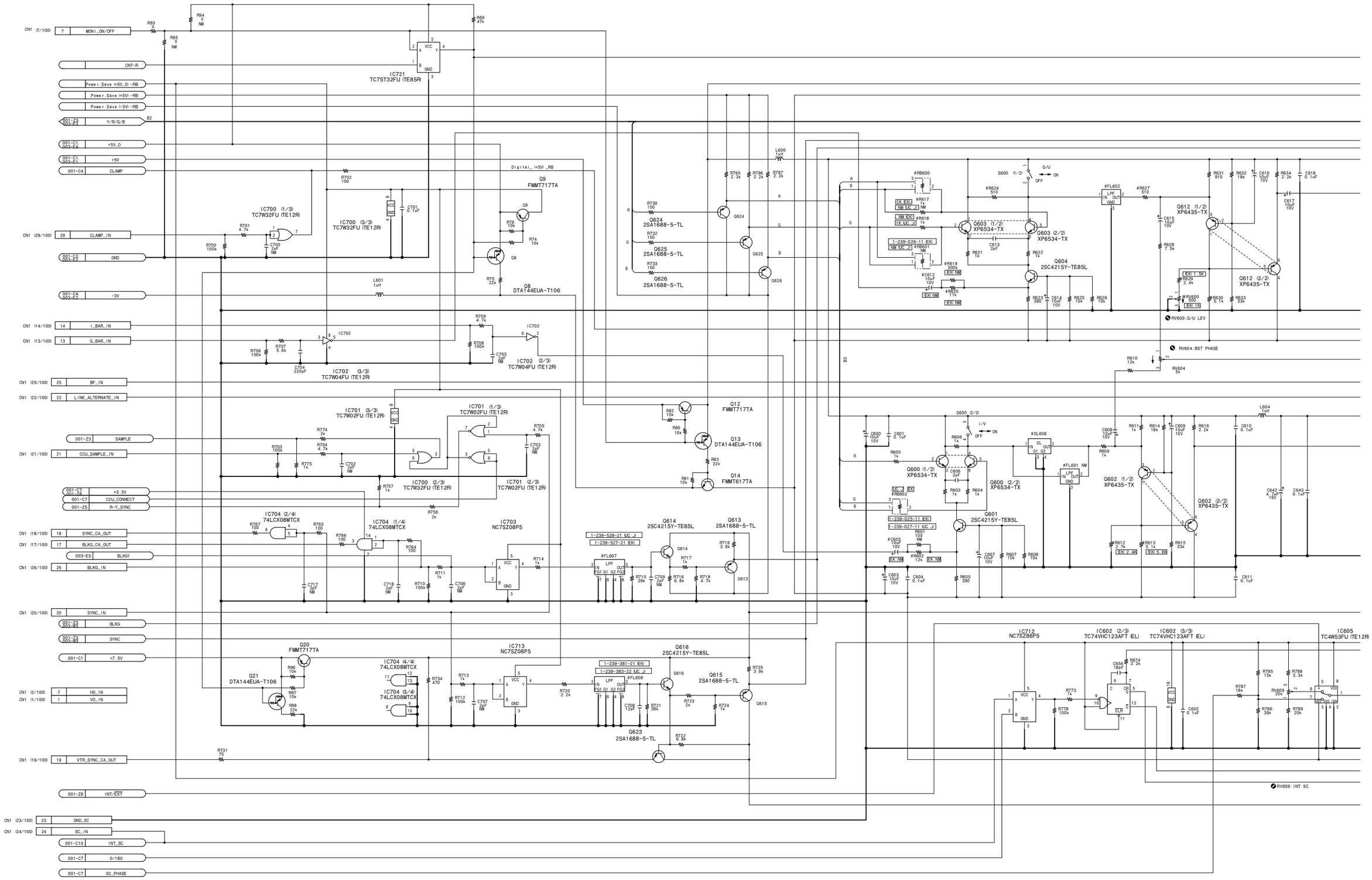


##	UC <EN-141>	J <EN-141A>	CE<EN-141B>
IC509	TC7W74FU (T	TC7W74FU (T	NM
R1	1k 1/16W 0.5%	1k 1/16W 0.5%	NM
R2	NM	NM	1k 1/16W 0.5%
R22	47k 1/16W 0.5%	47k 1/16W 0.5%	NM
R23	NM	NM	47k 1/16W 0.5%
R24	47k 1/16W 0.5%	NM	NM
R25	NM	47k 1/16W 0.5%	47k 1/16W 0.5%
R239	1k 1/16W 0.5%	1k 1/16W 0.5%	2k 1/16W 0.5%
R241	3.9k 1/16W 0.5%	3.9k 1/16W 0.5%	3k 1/16W 0.5%
R339	1k 1/16W 0.5%	1k 1/16W 0.5%	2k 1/16W 0.5%
R341	3.9k 1/16W 0.5%	3.9k 1/16W 0.5%	3k 1/16W 0.5%
R425	91k 1/16W 0.5%	NM	NM
R436	2.4k 1/16W 0.5%	510 1/16W 0.5%	**510 1/16W 0.5%**
R544	NM	NM	0 --- ---
R547	NM	NM	1k 1/16W 0.5%
R548	1k 1/16W 0.5%	1k 1/16W 0.5%	NM
RV203	20k ---	20k ---	1k ---
RV303	20k ---	20k ---	1k ---
RV405	50k ---	NM	NM
X1	28.63636MHz	28.63636MHz	17.734MHz

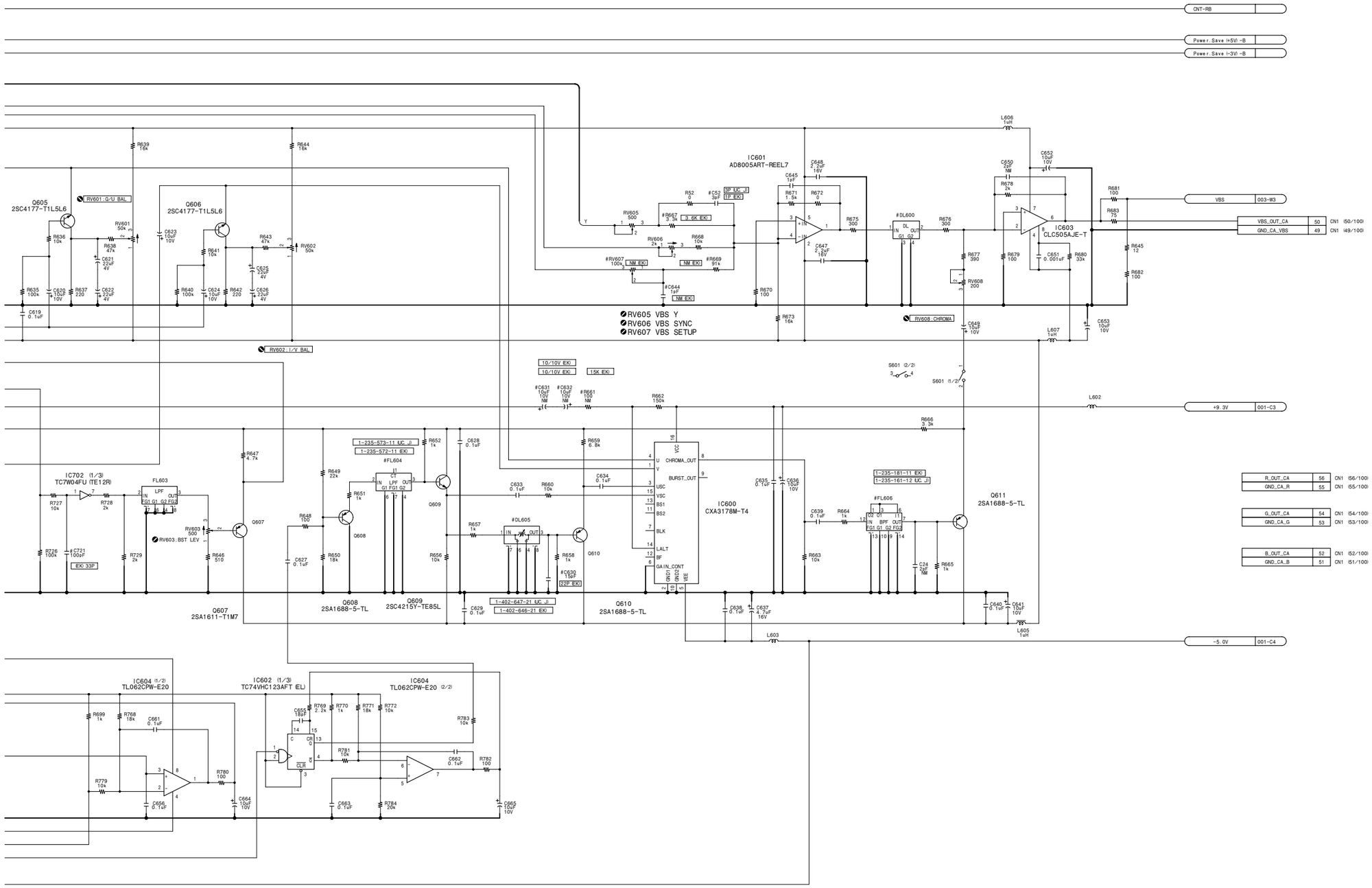
EN-141 (1/3)
BOARD NO. 1-677-803-12
BVP9500WS_EN-141_12A_1

EN-141 (2/3)

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



7-60 (b)

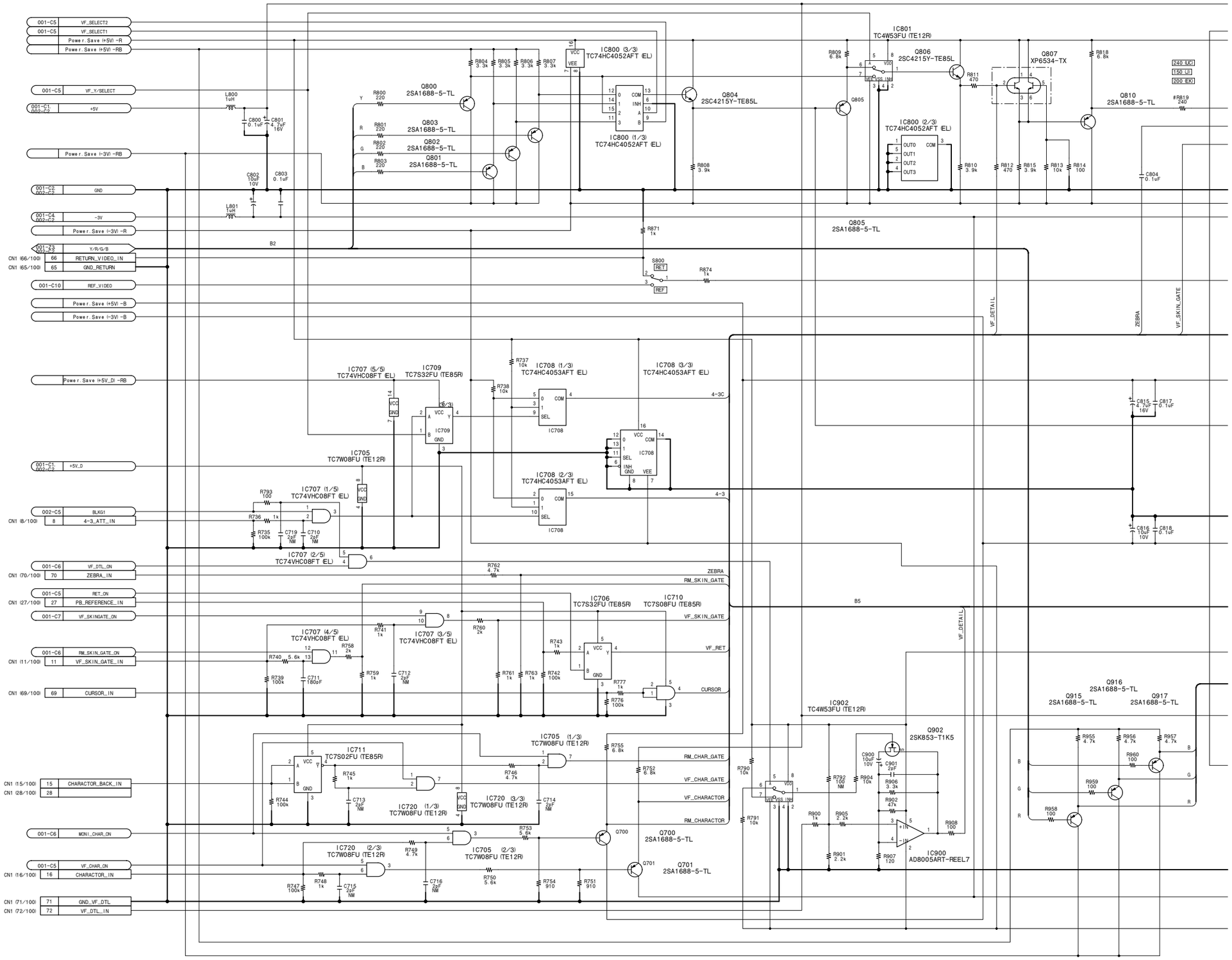


##	UC	J	CE
C52	3pF 50V CJ	3pF 50V CJ	1pF 50V CK
C605	10uF 10V 20%	10uF 10V 20%	NM
C612	10uF 10V 20%	10uF 10V 20%	NM
C630	15pF 50V CH	15pF 50V CH	22pF 50V CH
C631	NM	NM	10uF 10V 20%
C632	NM	NM	10uF 10V 20%
C644	1pF 50V CK	1pF 50V CK	NM
C721	100pF 50V CH	100pF 50V CH	33pF 50V CH
DL600	141571011	141571011	141571111
DL605	140264721	140264721	140264621
DL606	141581111	141581111	NM
FL601	NM	NM	123662411
FL602	123662212	123662212	123662411
FL604	123557311	123557311	123557211
FL606	123516112	123516112	123518111
FL607	123952821	123952821	123952721
FL608	123938322	123938322	123938121
R602	12k 1/16W 0.5%	12k 1/16W 0.5%	NM
R612	2.7k 1/16W 0.5%	2.7k 1/16W 0.5%	2.4k 1/16W 0.5%
R613	5.1k 1/16W 0.5%	5.1k 1/16W 0.5%	5.6k 1/16W 0.5%
R617	NM	NM	1k 1/16W 0.5%
R618	1k 1/16W 0.5%	1k 1/16W 0.5%	NM
R619	300k 1/16W 0.5%	300k 1/16W 0.5%	NM
R620	11k 1/16W 0.5%	11k 1/16W 0.5%	NM
R624	510 1/16W 0.5%	510 1/16W 0.5%	1k 1/16W 0.5%
R627	510 1/16W 0.5%	510 1/16W 0.5%	1k 1/16W 0.5%
R629	2.4k 1/16W 0.5%	2.4k 1/16W 0.5%	1.5k 1/16W 0.5%
R630	5.1k 1/16W 0.5%	5.1k 1/16W 0.5%	3.9k 1/16W 0.5%
R661	NM	NM	15k 1/16W 0.5%
R667	3.3k 1/16W 0.5%	3.3k 1/16W 0.5%	3.6k 1/16W 0.5%
R669	91k 1/16W 0.5%	91k 1/16W 0.5%	NM
RB600	123902811	123902811	NM
RB601	NM	NM	123902611
RB602	123902711	123902711	123902511
RV600	500	500	1k
RV607	100k	100k	NM

EN-141 (2/3)
BOARD NO. 1-677-803-12
BVP9500WS_EN-141_12A_2

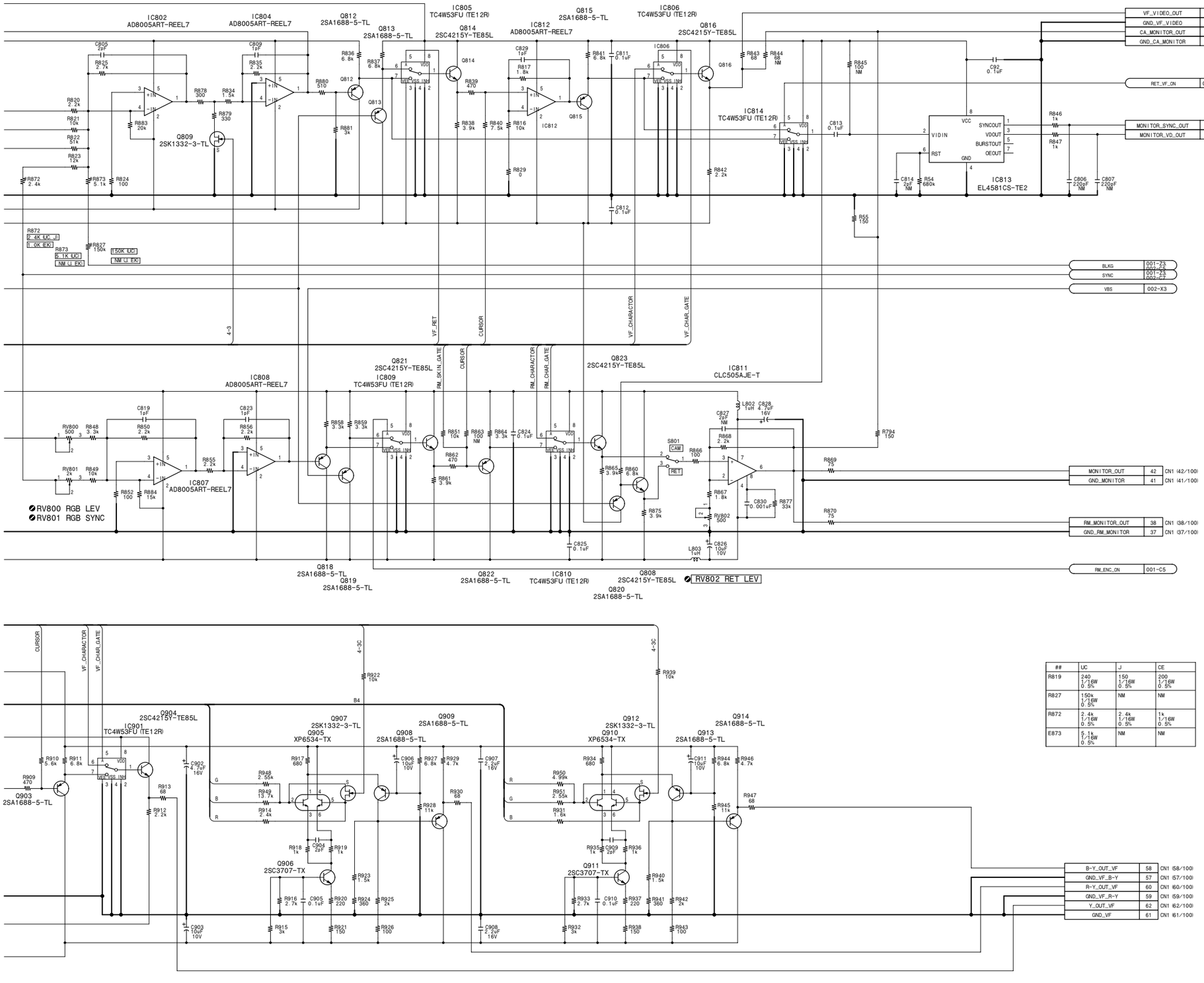
EN-141 (3/3)

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



7-62 (b)

EN-141 (3/3)

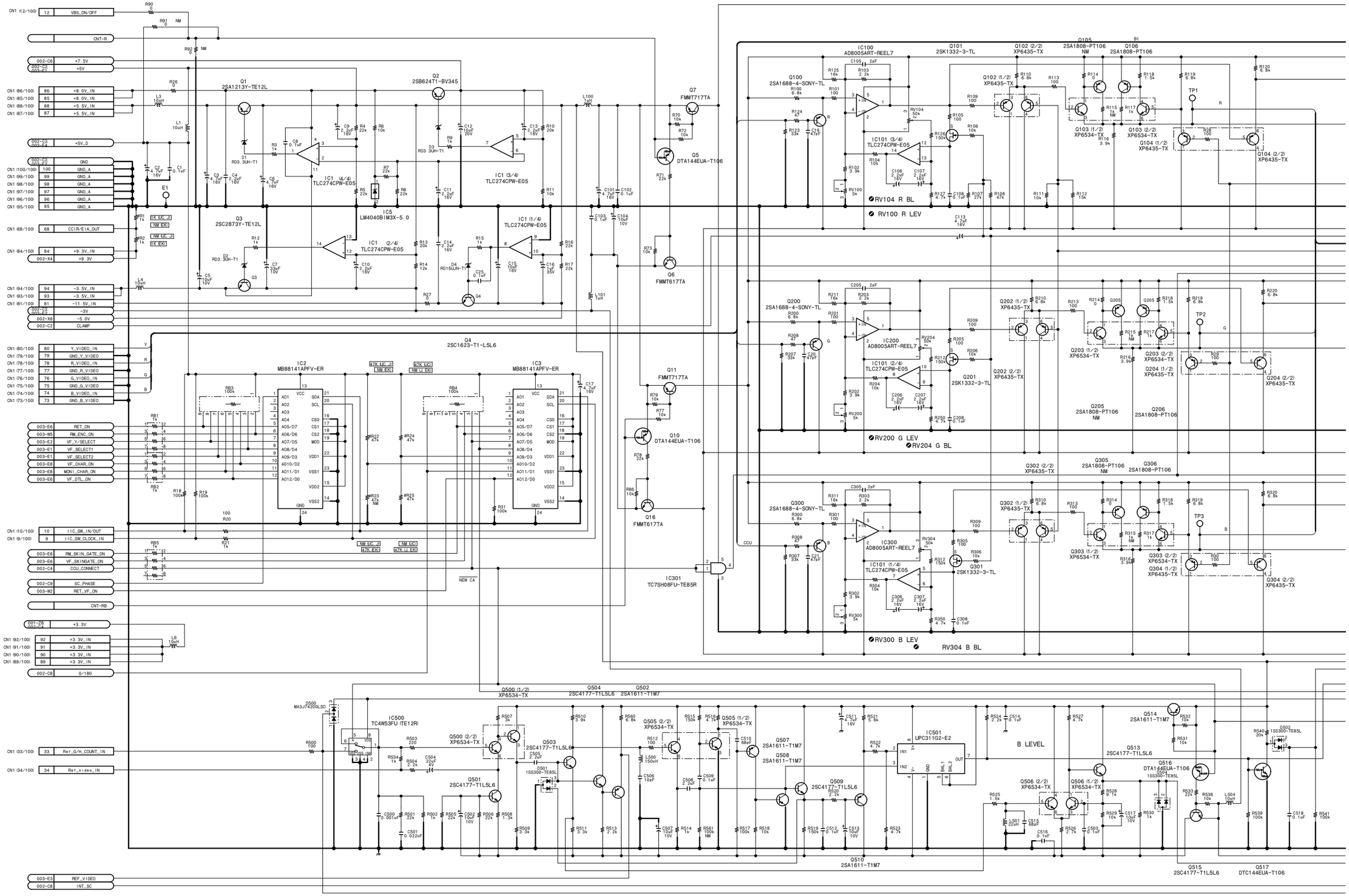


##	UC	J	CE
R819	240 1/16W 0.5%	150 1/16W 0.5%	200 1/16W 0.5%
R827	150k 1/16W 0.5%	NM	NM
R872	2.4k 1/16W 0.5%	2.4k 1/16W 0.5%	1k 1/16W 0.5%
E873	5.1k 1/16W 0.5%	NM	NM

EN-141 (3/3)
BOARD NO. 1-677-803-12
BVP9500WS_EN-141_12A_3

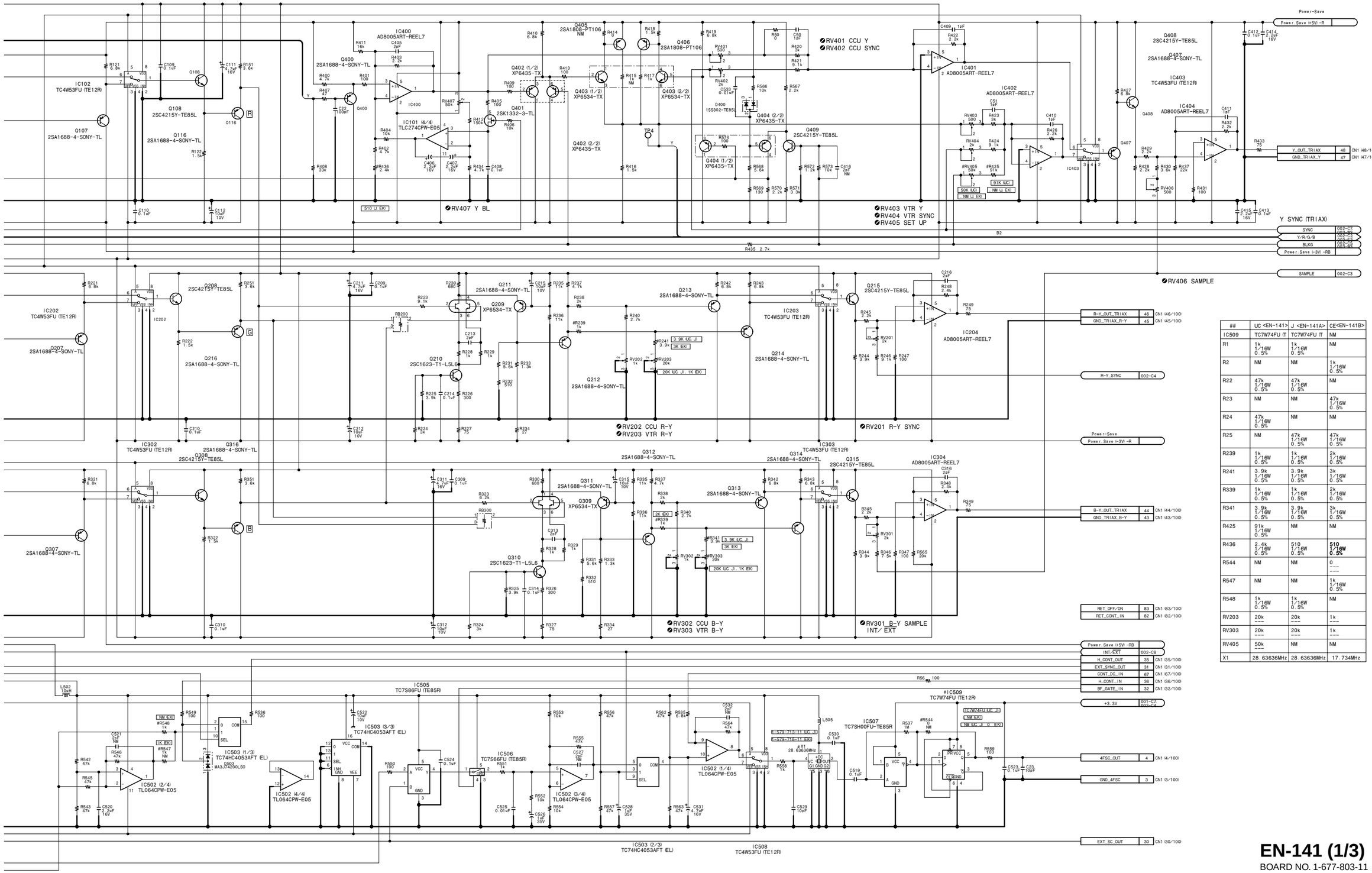
EN-141 (1/3)

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007



7-58 (a)

EN-141 (1/3)

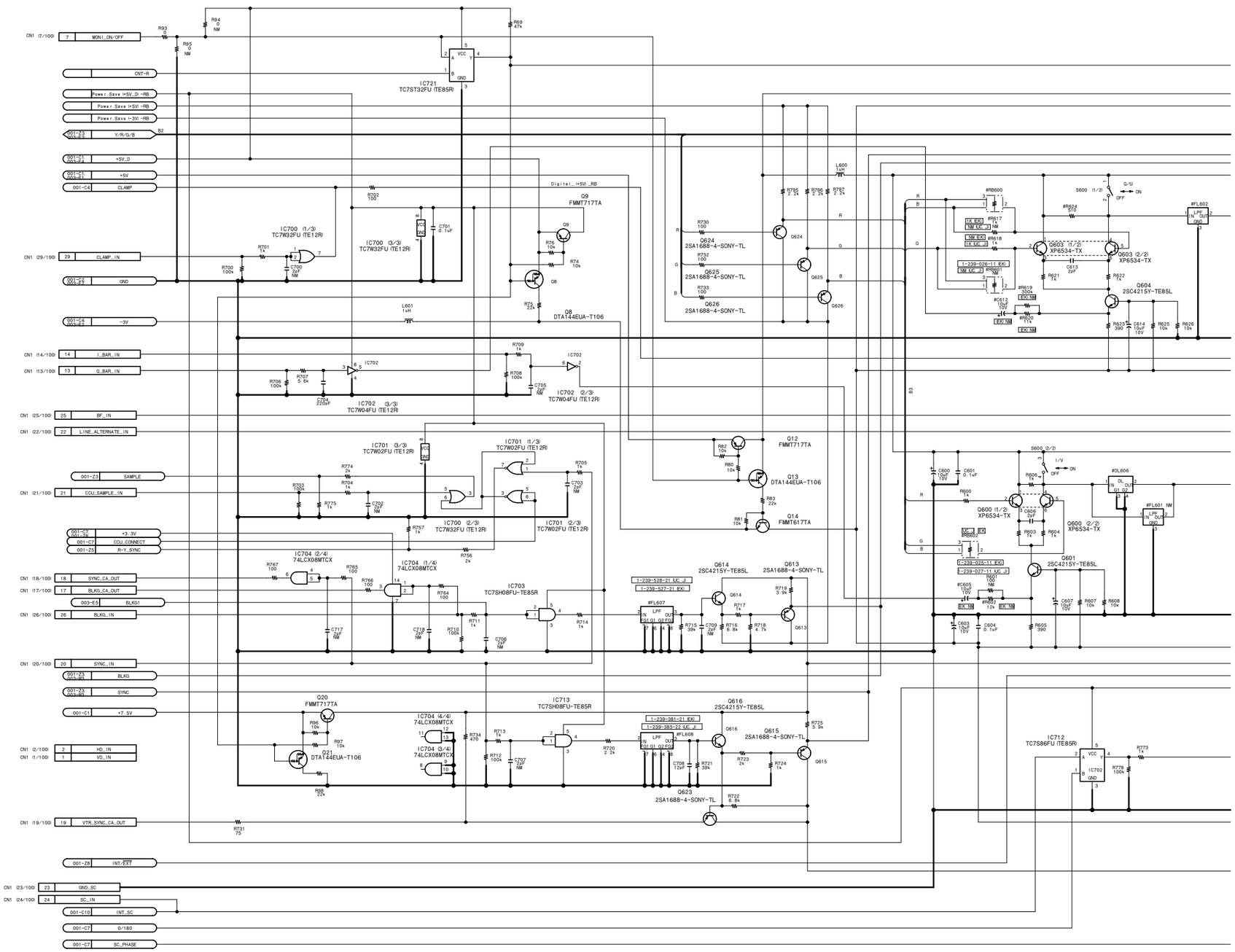


##	UC <EN-141>	J <EN-141A>	CE<EN-141B>
IC509	TC7W74FU (T	TC7W74FU (T	NM
R1	1k 1/16W 0.5%	1k 1/16W 0.5%	NM
R2	NM	NM	1k 1/16W 0.5%
R22	47k 1/16W 0.5%	47k 1/16W 0.5%	NM
R23	NM	NM	47k 1/16W 0.5%
R24	47k 1/16W 0.5%	NM	NM
R25	NM	47k 1/16W 0.5%	47k 1/16W 0.5%
R239	1k 1/16W 0.5%	1k 1/16W 0.5%	2k 1/16W 0.5%
R241	3.9k 1/16W 0.5%	3.9k 1/16W 0.5%	3k 1/16W 0.5%
R339	1k 1/16W 0.5%	1k 1/16W 0.5%	2k 1/16W 0.5%
R341	3.9k 1/16W 0.5%	3.9k 1/16W 0.5%	3k 1/16W 0.5%
R425	91k 1/16W 0.5%	NM	NM
R436	2.4k 1/16W 0.5%	510 1/16W 0.5%	**510 1/16W 0.5%**
R544	NM	NM	0 --- ---
R547	NM	NM	1k 1/16W 0.5%
R548	1k 1/16W 0.5%	1k 1/16W 0.5%	NM
RV203	20k ---	20k ---	1k ---
RV303	20k ---	20k ---	1k ---
RV405	50k ---	NM	NM
X1	28.63636MHz	28.63636MHz	17.734MHz

EN-141 (1/3)
BOARD NO. 1-677-803-11
BVP9500WS_EN-141_12A_1

EN-141 (2/3)

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007


IC721 TC7ST32FU (TE85R)
IC700 (1/3) TC7W32FU (TE12R)
IC700 (2/3) TC7W32FU (TE12R)
IC700 (3/3) TC7W32FU (TE12R)
IC701 (1/3) TC7W02FU (TE12R)
IC701 (2/3) TC7W02FU (TE12R)
IC701 (3/3) TC7W02FU (TE12R)
IC702 (1/3) TC7W04FU (TE12R)
IC702 (2/3) TC7W04FU (TE12R)
IC702 (3/3) TC7W04FU (TE12R)
IC703 TC7SH08FU-TE85R
IC704 (1/4) 74LCX08MTCX
IC704 (2/4) 74LCX08MTCX
IC704 (3/4) 74LCX08MTCX
IC704 (4/4) 74LCX08MTCX
IC712 TC7S86FU (TE85R)
IC713 TC7SH08FU-TE85R
Q9 FMMT717TA
Q8 DTA144EUA-T106
Q12 FMMT717TA
Q13 DTA144EUA-T106
Q14 FMMT617TA
Q20 FMMT717TA
Q21 DTA144EUA-T106
Q624 2SA1688-4-SONY-TL
Q625 2SA1688-4-SONY-TL
Q626 2SA1688-4-SONY-TL
Q623 2SA1688-4-SONY-TL
Q614 2SC4215Y-TE85L
Q613 2SA1688-4-SONY-TL
Q616 2SC4215Y-TE85L
Q615 2SA1688-4-SONY-TL
Q600 (1/2) XP6534-TX
Q600 (2/2) XP6534-TX
Q601 2SC4215Y-TE85L
Q603 (1/2) XP6534-TX
Q603 (2/2) XP6534-TX
Q604 2SC4215Y-TE85L
CN1 (7/100) 7 MONI_ON/OFF
CNT-R
Power_Save_+5V_D -RB
Power_Save_+5V -RB
Power_Save_+3V -RB
001-Z3 003-E3 Y/R/G/B
001-C1 003-F4 +5V_D
001-C1 003-F1 +5V
001-C4 CLAMP
CN1 (29/100) 29 CLAMP_IN
001-C3 003-E2 GND
001-C4 003-E2 -3V
CN1 (14/100) 14 I_BAR_IN
CN1 (13/100) 13 Q_BAR_IN
CN1 (25/100) 25 BF_IN
CN1 (22/100) 22 LINE_ALTERNATE_IN
001-Z3 SAMPLE
CN1 (21/100) 21 CCU_SAMPLE_IN
001-C2 001-F2 +3.3V
001-C7 CCU_CONNECT
001-Z5 R-Y_SYNC
CN1 (18/100) 18 SYNC_CA_OUT
CN1 (17/100) 17 BLKG_CA_OUT
003-E3 BLKG1
CN1 (26/100) 26 BLKG_IN
CN1 (20/100) 20 SYNC_IN
001-Z3 003-B3 BLKG
001-Z3 003-B3 SYNC
001-C1 +7.5V
CN1 (2/100) 2 HD_IN
CN1 (1/100) 1 VD_IN
CN1 (19/100) 19 VTR_SYNC_CA_OUT
001-Z8 INT/EXT
CN1 (23/100) 23 GND_SC
CN1 (24/100) 24 SC_IN
001-C10 INT_SC
001-C7 0/180
001-C7 SC_PHASE
Digital_+5V_RB
L600 1uH
L601 1uH
S600 (1/2)
S600 (2/2)
#FL602 LPF
#FL607 LPF
#FL608 LPF
#FL606 DL
#FL601 LPF
#RB600
#RB602
#RB603
#RB604
#RB605
#RB606
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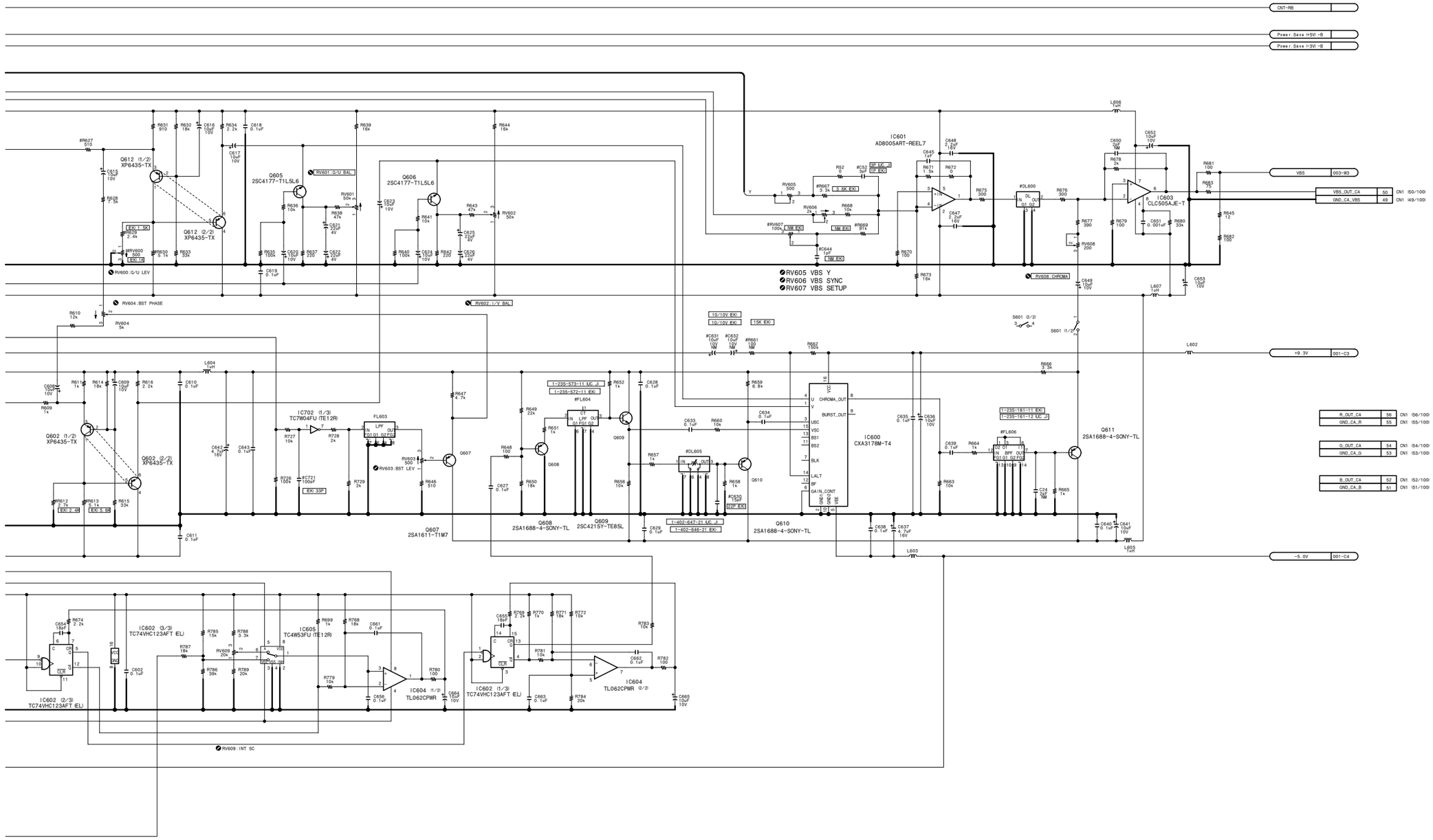
#RB641



##	UC	J	CE
C52	3pF 50V CJ	3pF 50V CJ	1pF 50V CK
C605	10uF 10V 20%	10uF 10V 20%	NM
C612	10uF 10V 20%	10uF 10V 20%	NM
C630	15pF 50V CH	15pF 50V CH	22pF 50V CH
C631	NM	NM	10uF 10V 20%
C632	NM	NM	10uF 10V 20%
C644	1pF 50V CK	1pF 50V CK	NM
C721	100pF 50V CH	100pF 50V CH	33pF 50V CH
DL600	141571011	141571011	141571111
DL605	140264721	140264721	140264621
DL606	141581111	141581111	NM
FL601	NM	NM	123662411
FL602	123662212	123662212	123662411
FL604	123557311	123557311	123557211
FL606	123516112	123516112	123518111
FL607	123952821	123952821	123952721
FL608	123938322	123938322	123938121
R602	12k 1/16W 0.5%	12k 1/16W 0.5%	NM
R612	2.7k 1/16W 0.5%	2.7k 1/16W 0.5%	2.4k 1/16W 0.5%
R613	5.1k 1/16W 0.5%	5.1k 1/16W 0.5%	5.6k 1/16W 0.5%
R617	NM	NM	1k 1/16W 0.5%
R618	1k 1/16W 0.5%	1k 1/16W 0.5%	NM
R619	300k 1/16W 0.5%	300k 1/16W 0.5%	NM
R620	11k 1/16W 0.5%	11k 1/16W 0.5%	NM
R624	510 1/16W 0.5%	510 1/16W 0.5%	1k 1/16W 0.5%
R627	510 1/16W 0.5%	510 1/16W 0.5%	1k 1/16W 0.5%
R629	2.4k 1/16W 0.5%	2.4k 1/16W 0.5%	1.5k 1/16W 0.5%
R630	5.1k 1/16W 0.5%	5.1k 1/16W 0.5%	3.9k 1/16W 0.5%
R661	NM	NM	15k 1/16W 0.5%
R667	3.3k 1/16W 0.5%	3.3k 1/16W 0.5%	3.5k 1/16W 0.5%
R669	91k 1/16W 0.5%	91k 1/16W 0.5%	NM
RB600	123902811	123902811	NM
RB601	NM	NM	123902611
RB602	123902711	123902711	123902511
RV600	500 ~~~	500 ~~~	1k ~~~
RV607	100k ~~~	100k ~~~	NM

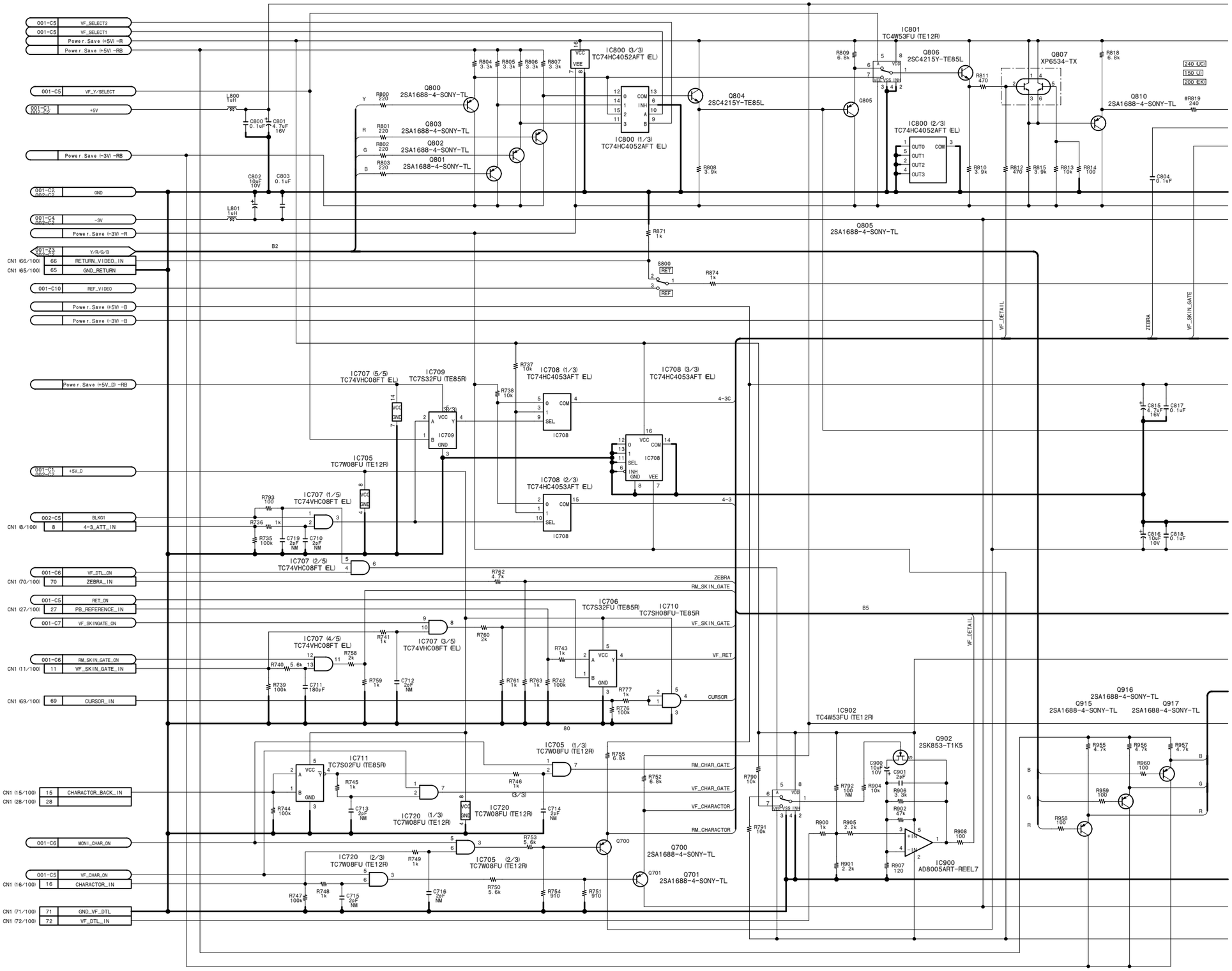
EN-141 (2/3)

BOARD NO. 1-677-803-11

BVP9500WS_EN-141_12A_2

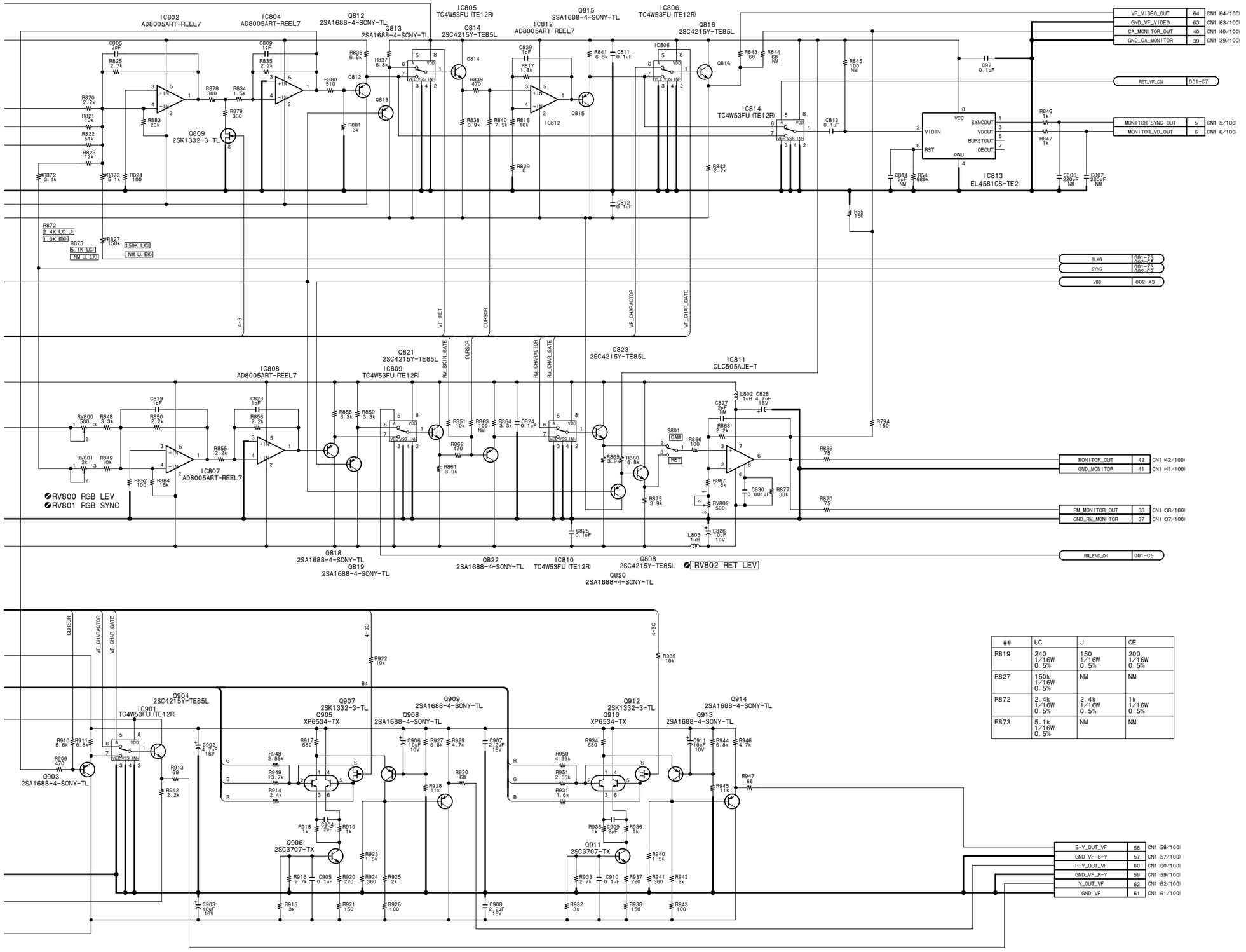
EN-141 (3/3)

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007



7-62 (a)

EN-141 (3/3)

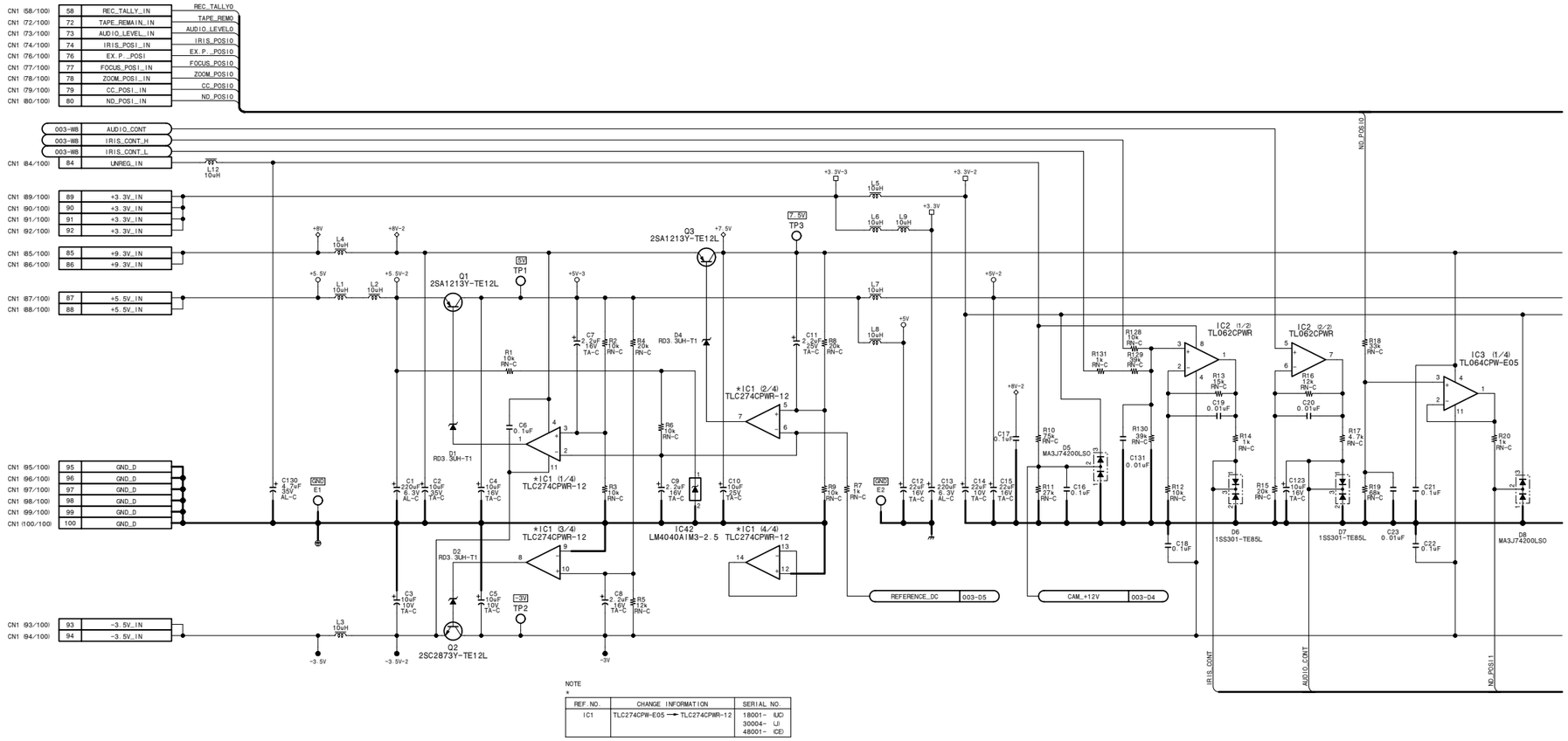


##	UC	J	CE
R819	240 1/16W 0.5%	150 1/16W 0.5%	200 1/16W 0.5%
R827	150k 1/16W 0.5%	NM	NM
R872	2.4k 1/16W 0.5%	2.4k 1/16W 0.5%	1k 1/16W 0.5%
E873	5.1k 1/16W 0.5%	NM	NM

EN-141 (3/3)
BOARD NO. 1-677-803-11
BVP9500WS_EN-141_12A_3

AT-128 (1/3)

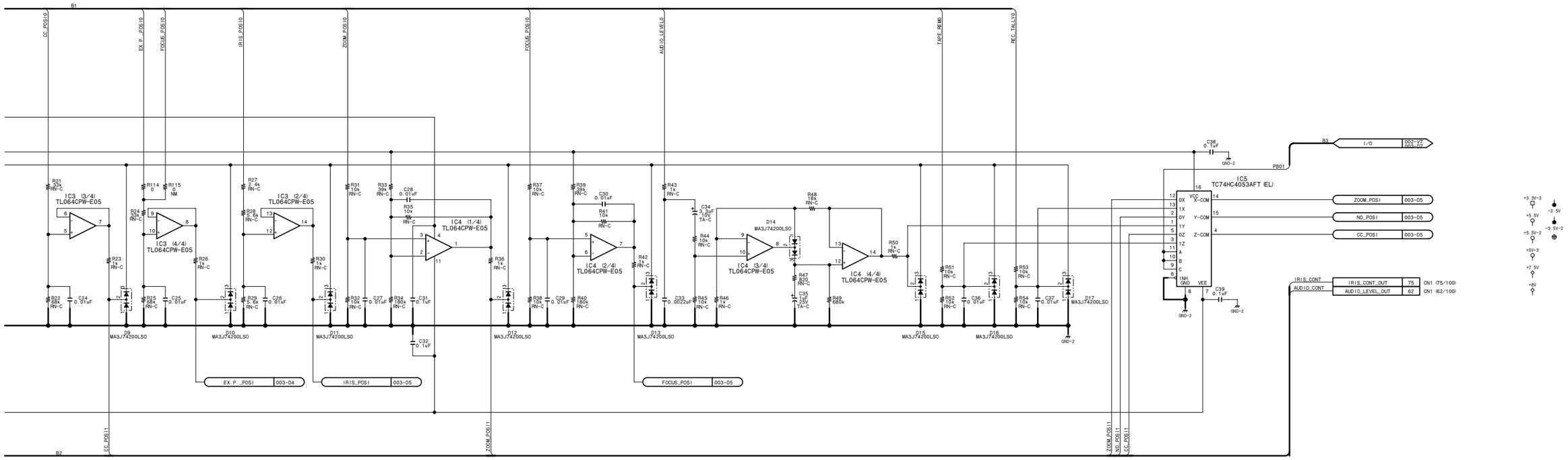
BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



NOTE
*

REF.NO.	CHANGE INFORMATION	SERIAL NO.
IC1	TLC274CPW-E05 → TLC274CPWR-12	18001- (UC) 30004- (J) 48001- (CE)

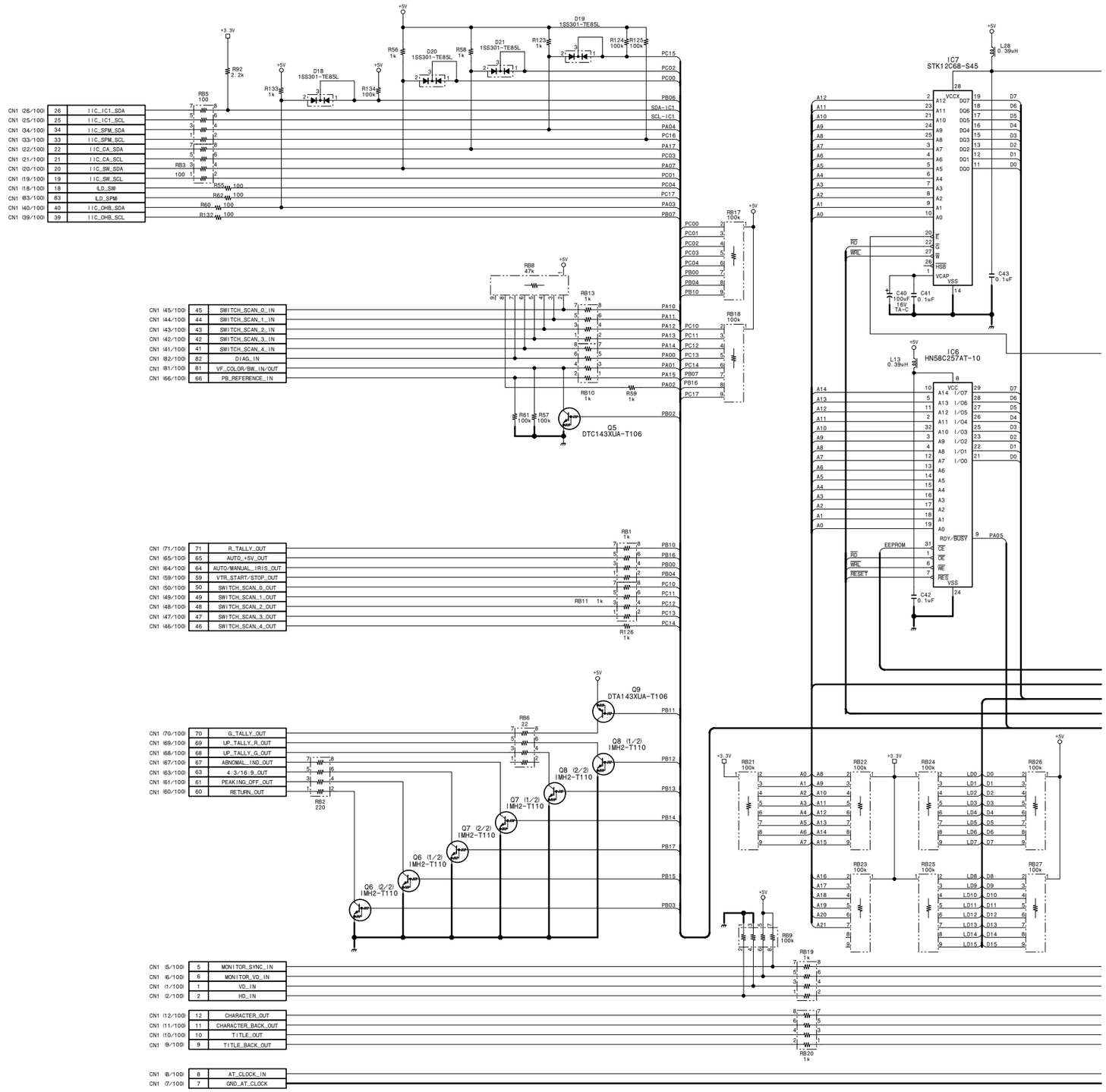
7-64



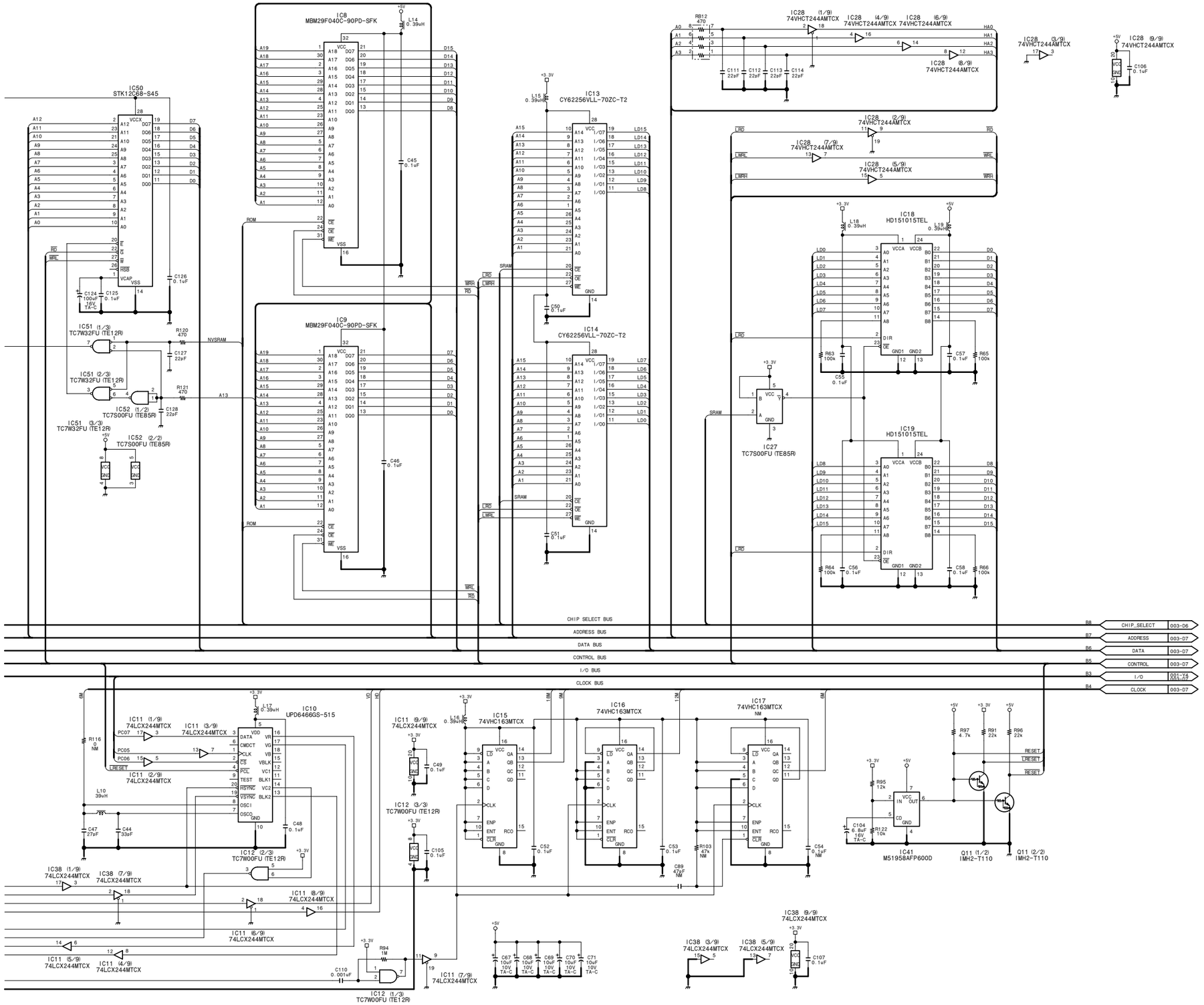
AT-128 (1/3)
BOARD NO. 1-677-801-11
BVP9500WS_AT-128_011_1

AT-128 (2/3)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



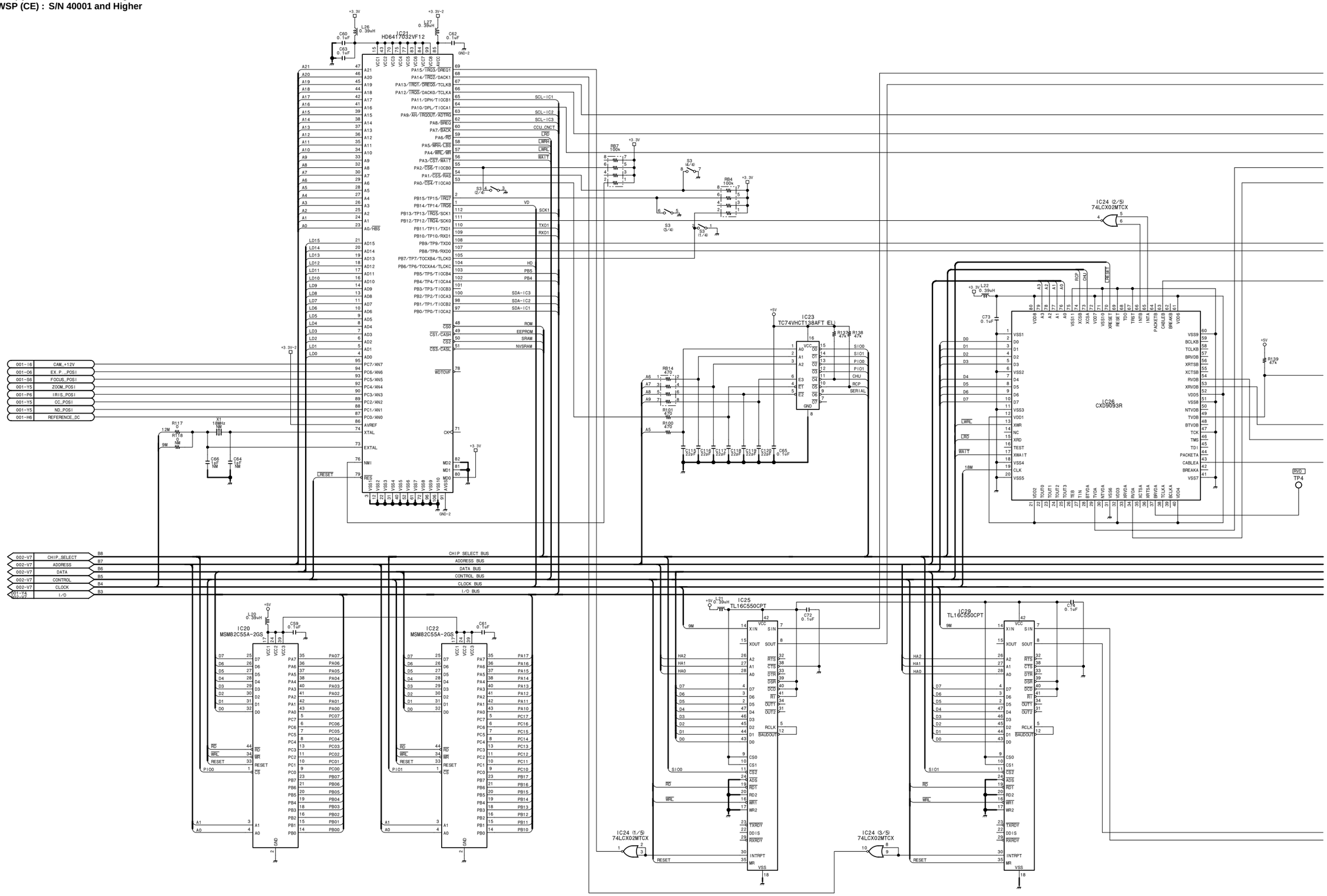
7-66



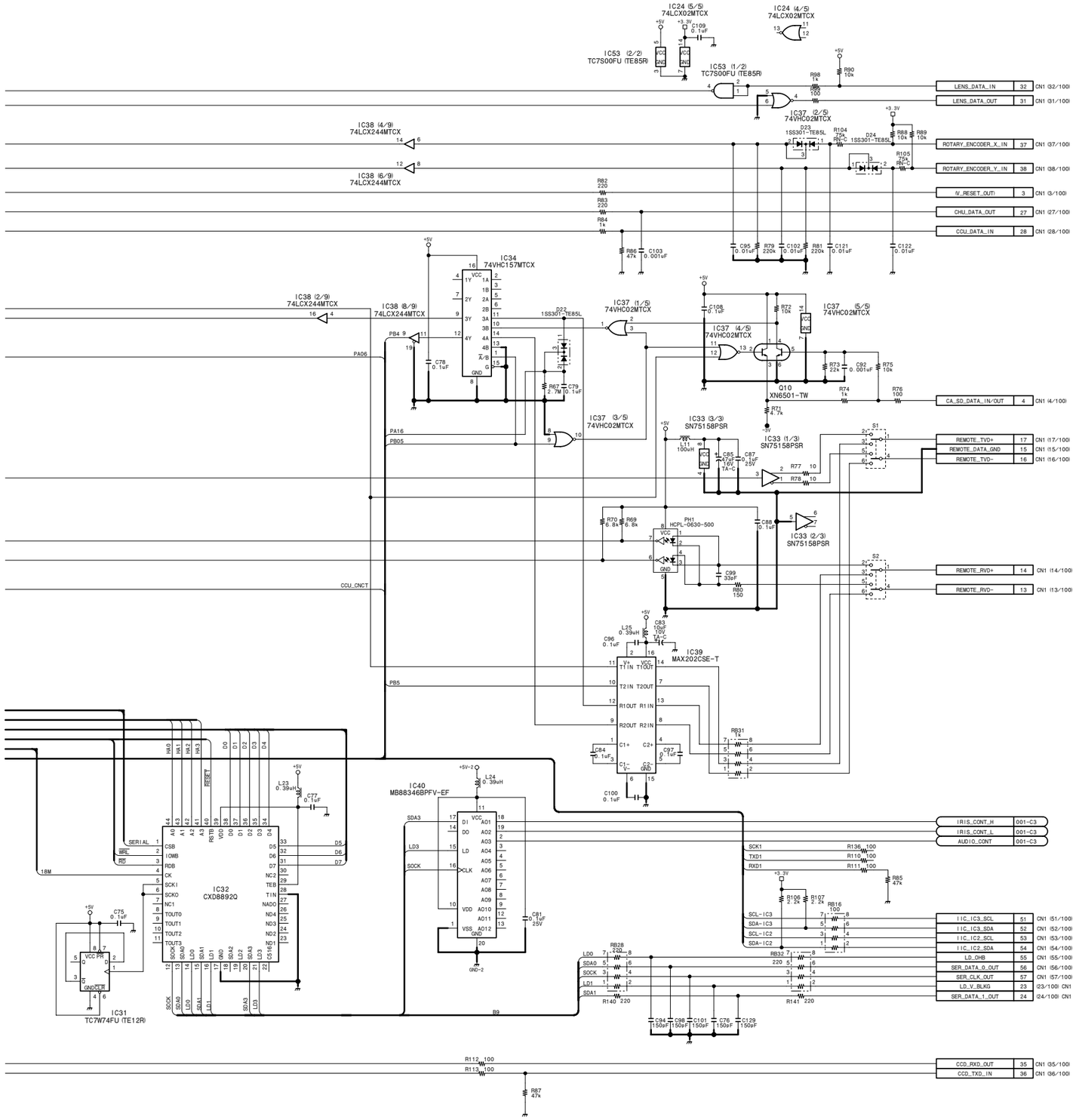
AT-128 (2/3)
BOARD NO. 1-677-801-11
BVP9500WS_AT-128_011_2

AT-128 (3/3)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

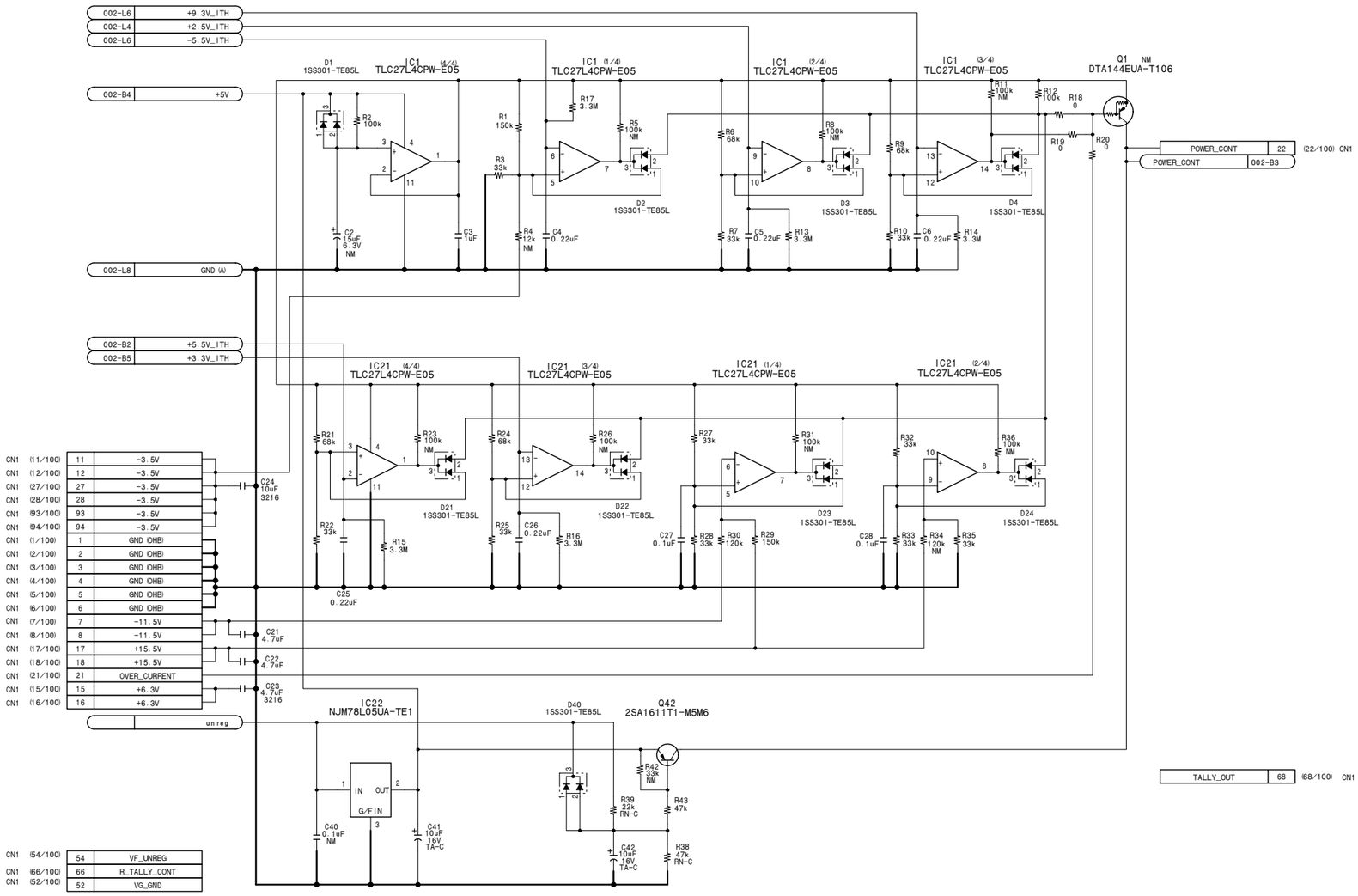


7-68



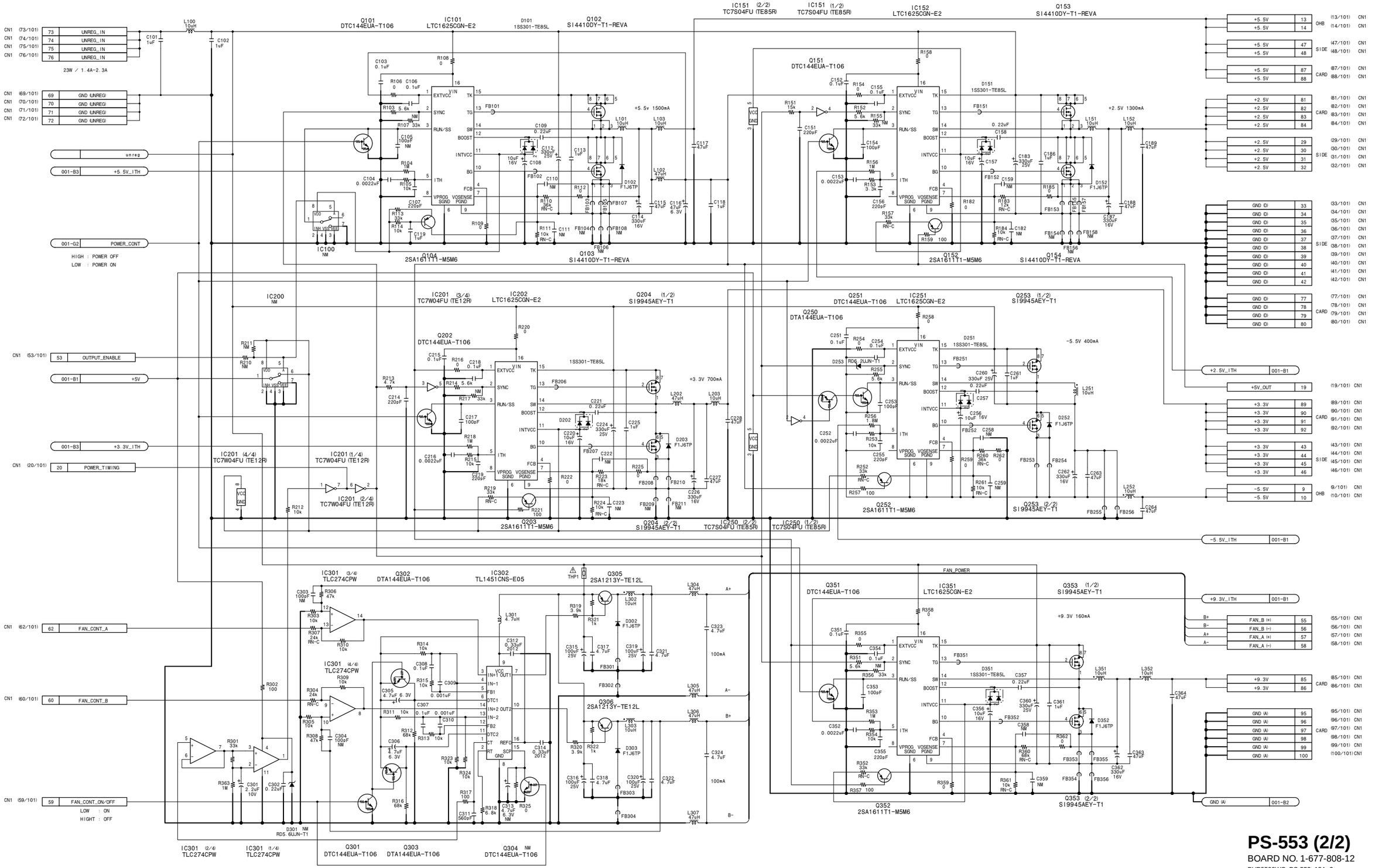
AT-128 (3/3)
BOARD NO. 1-677-801-11
BVP9500WS_AT-128_011_3

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



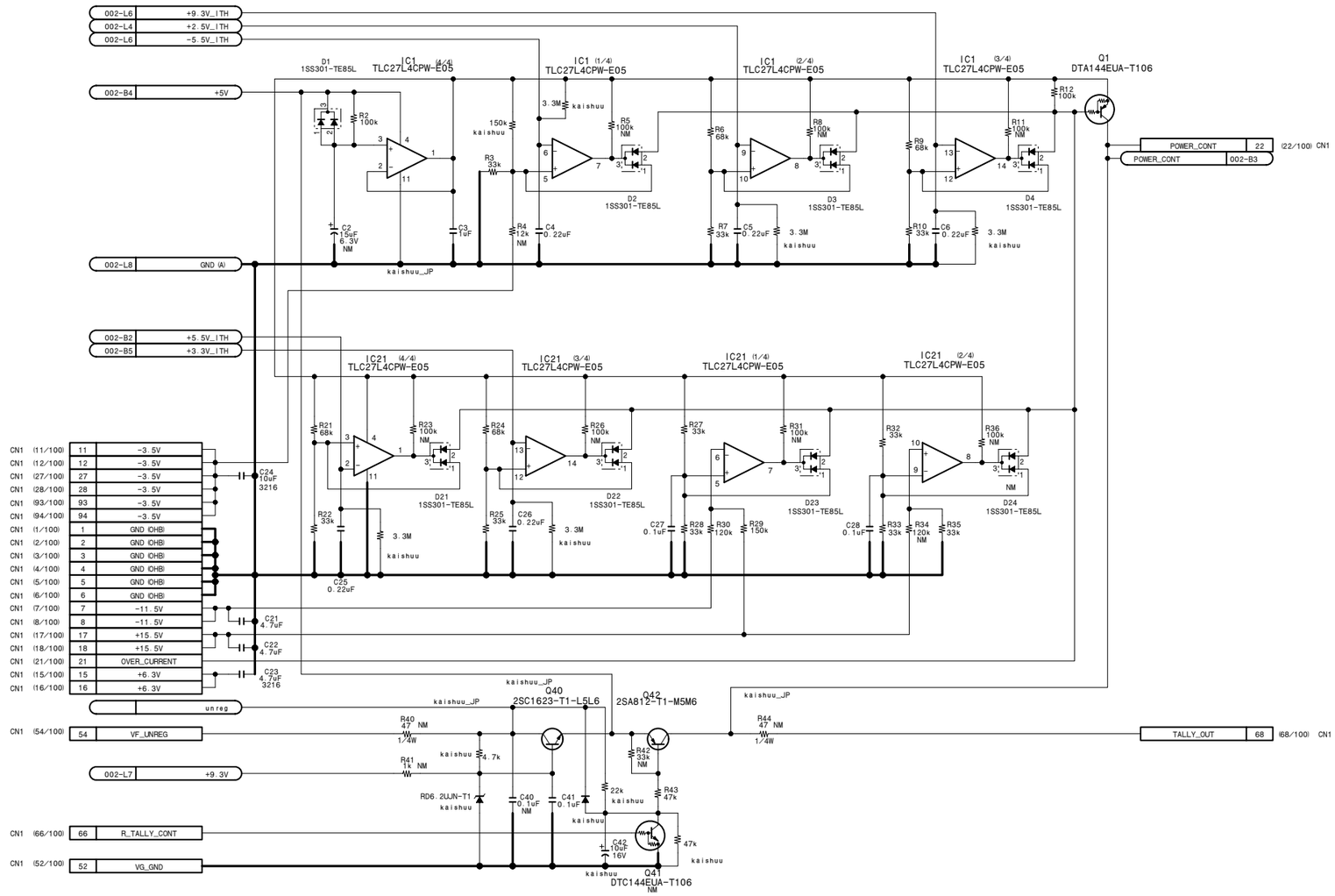
PS-553 (1/2)
BOARD NO. 1-677-808-12
BVP9500WS_PS-553_12A_1

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



PS-553 (2/2)
BOARD NO. 1-677-808-12
BVP9500WS_PS-553_12A_2

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007



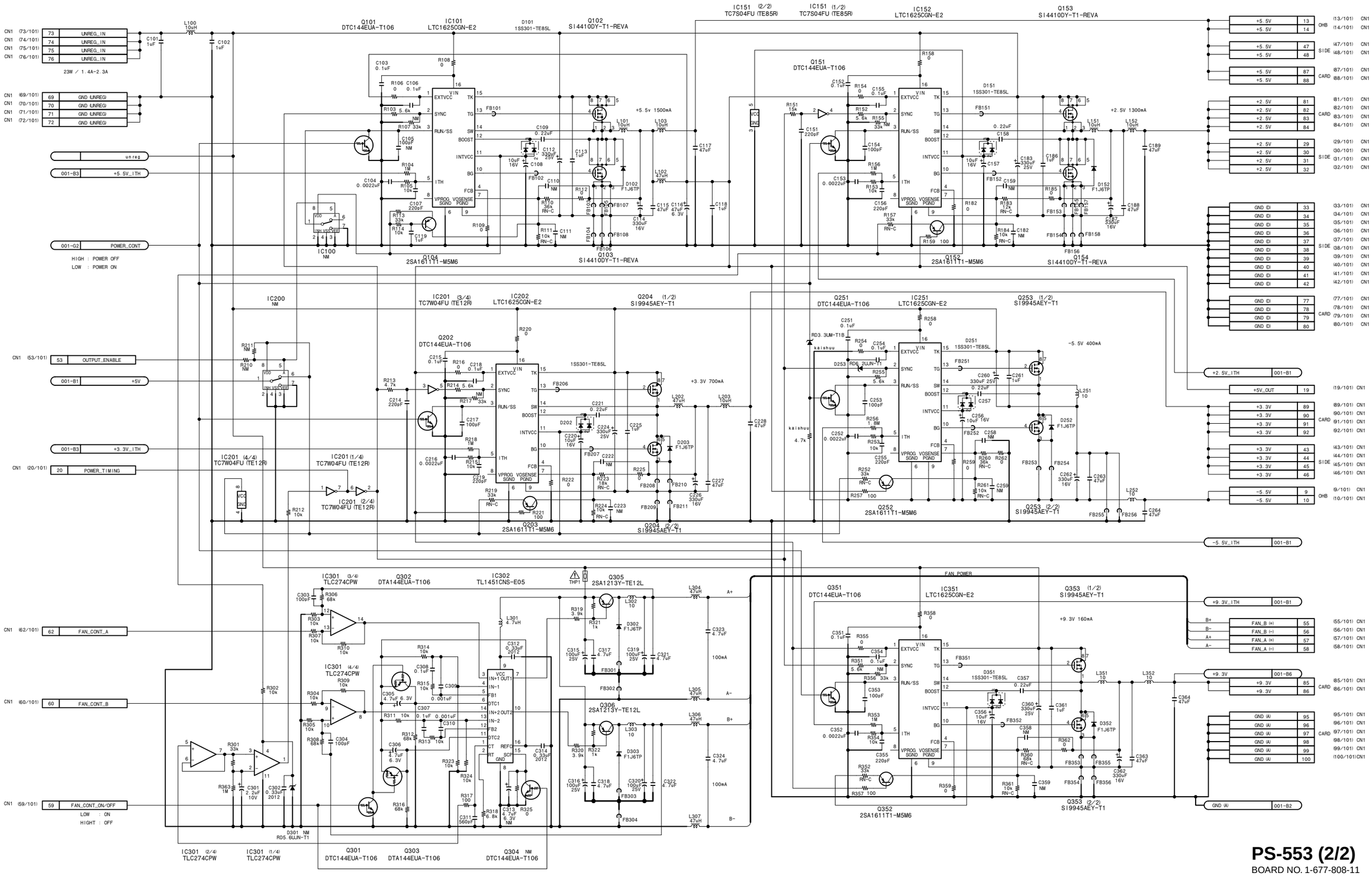
PS-553 (1/2)
BOARD NO. 1-677-808-11
BVP9500WS_PS-553_11A_1

7-70 (a)　　7-70 (a)

BVP-9500WS/9500WSP MM

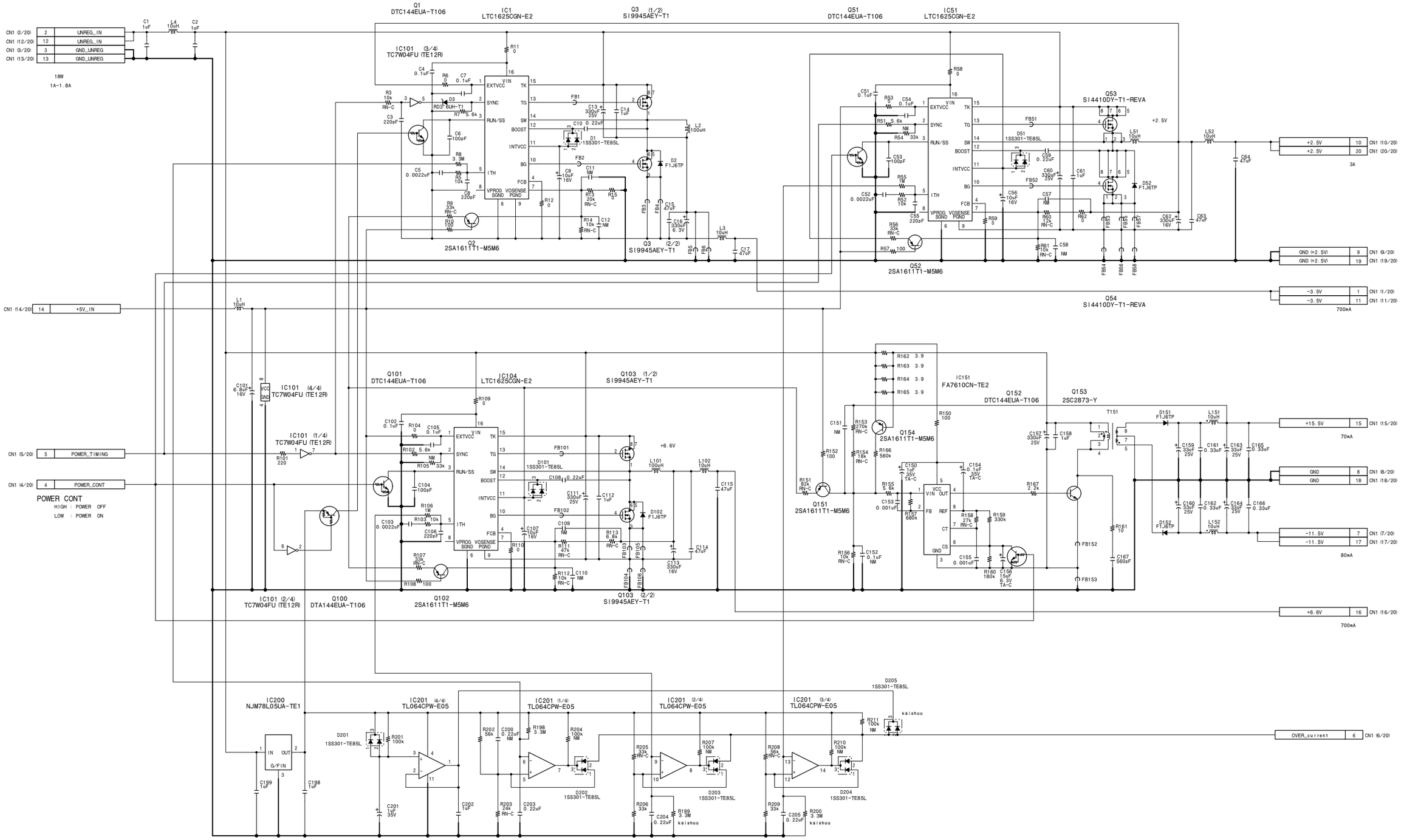
PS-553 (2/2)

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007



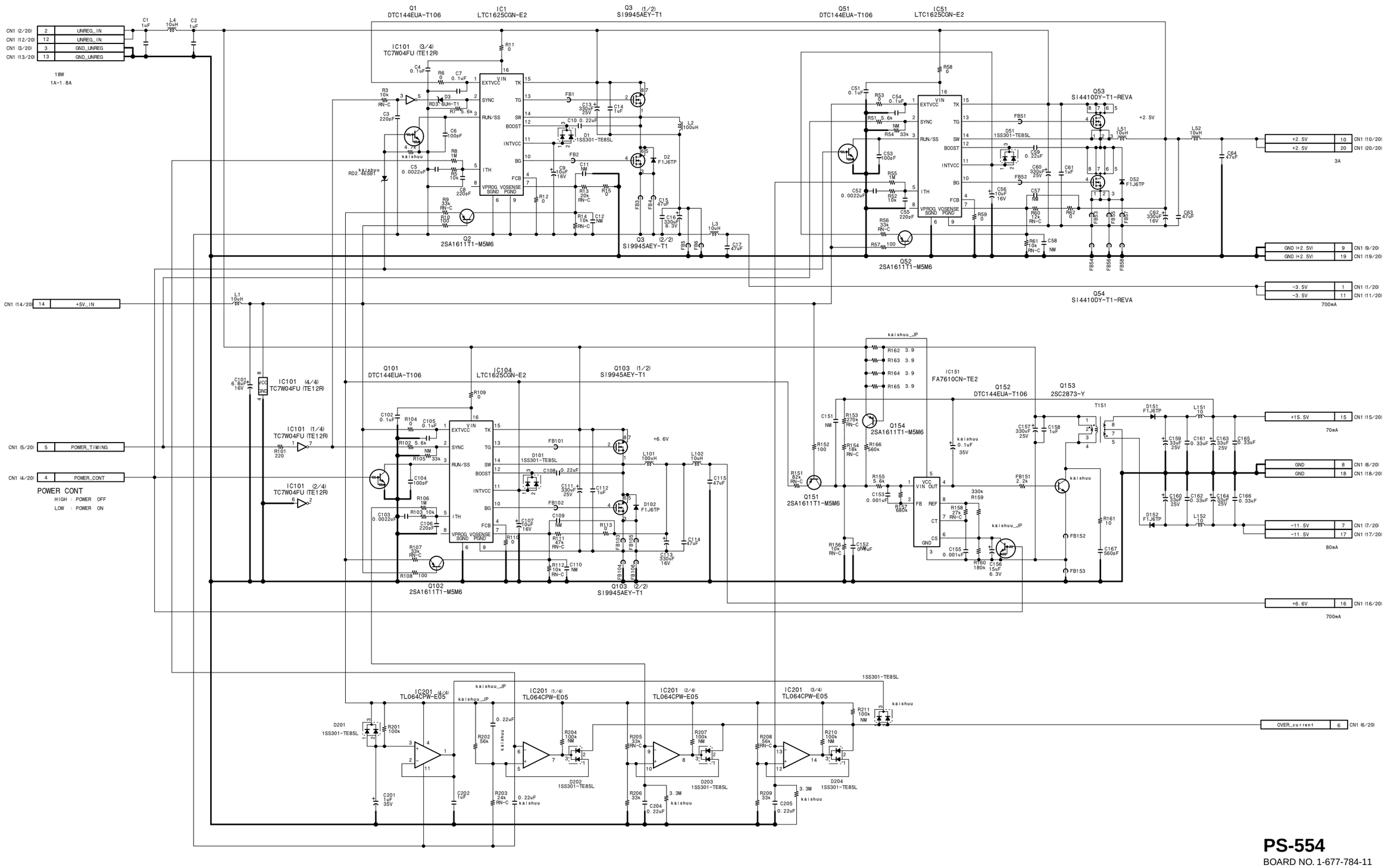
PS-553 (2/2)
BOARD NO. 1-677-808-11
BVP9500WS_PS-553_11A_2

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher



PS-554
BOARD NO. 1-677-784-12
BVP9500WS_PS-554_12A_1

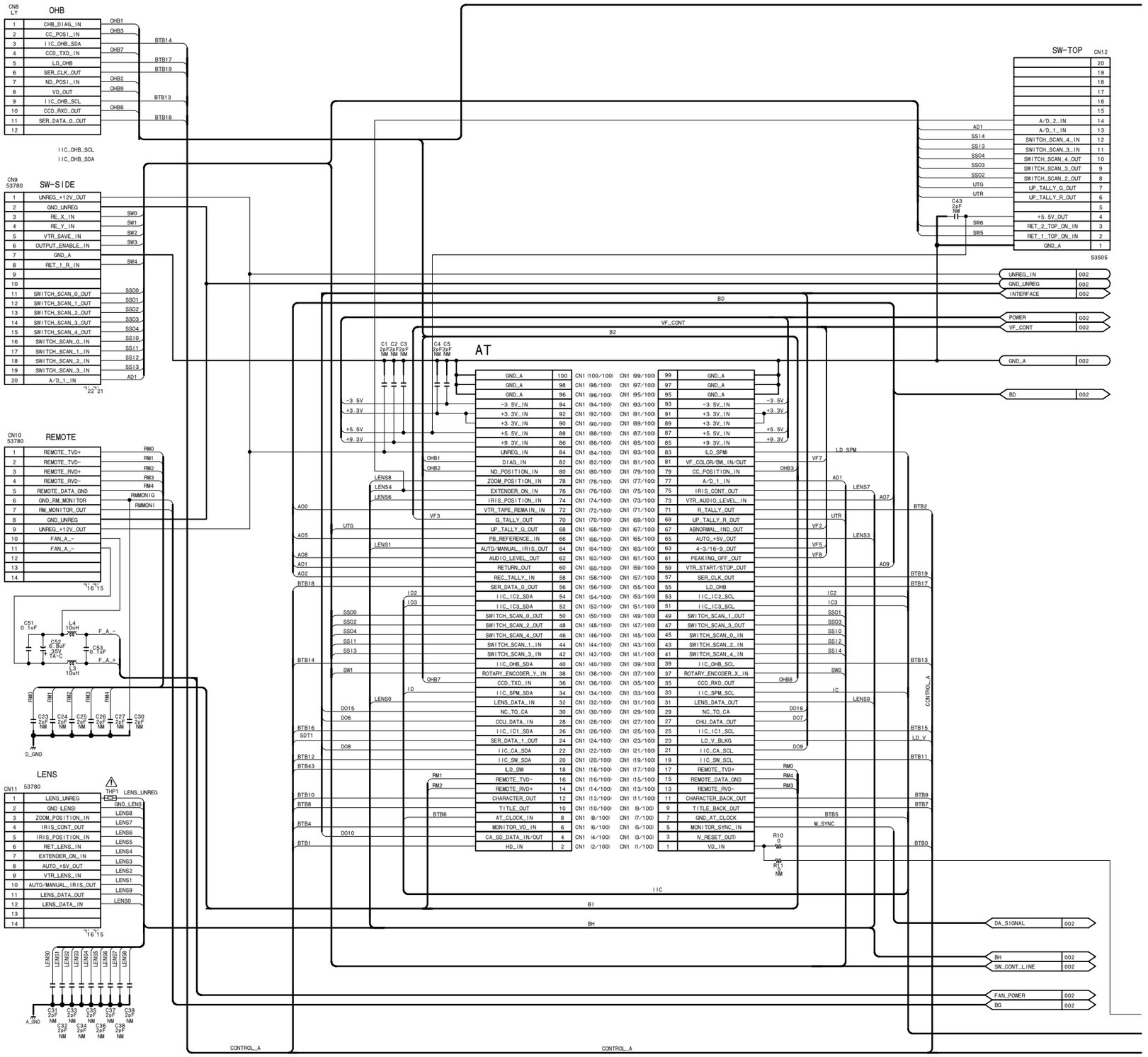
BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007



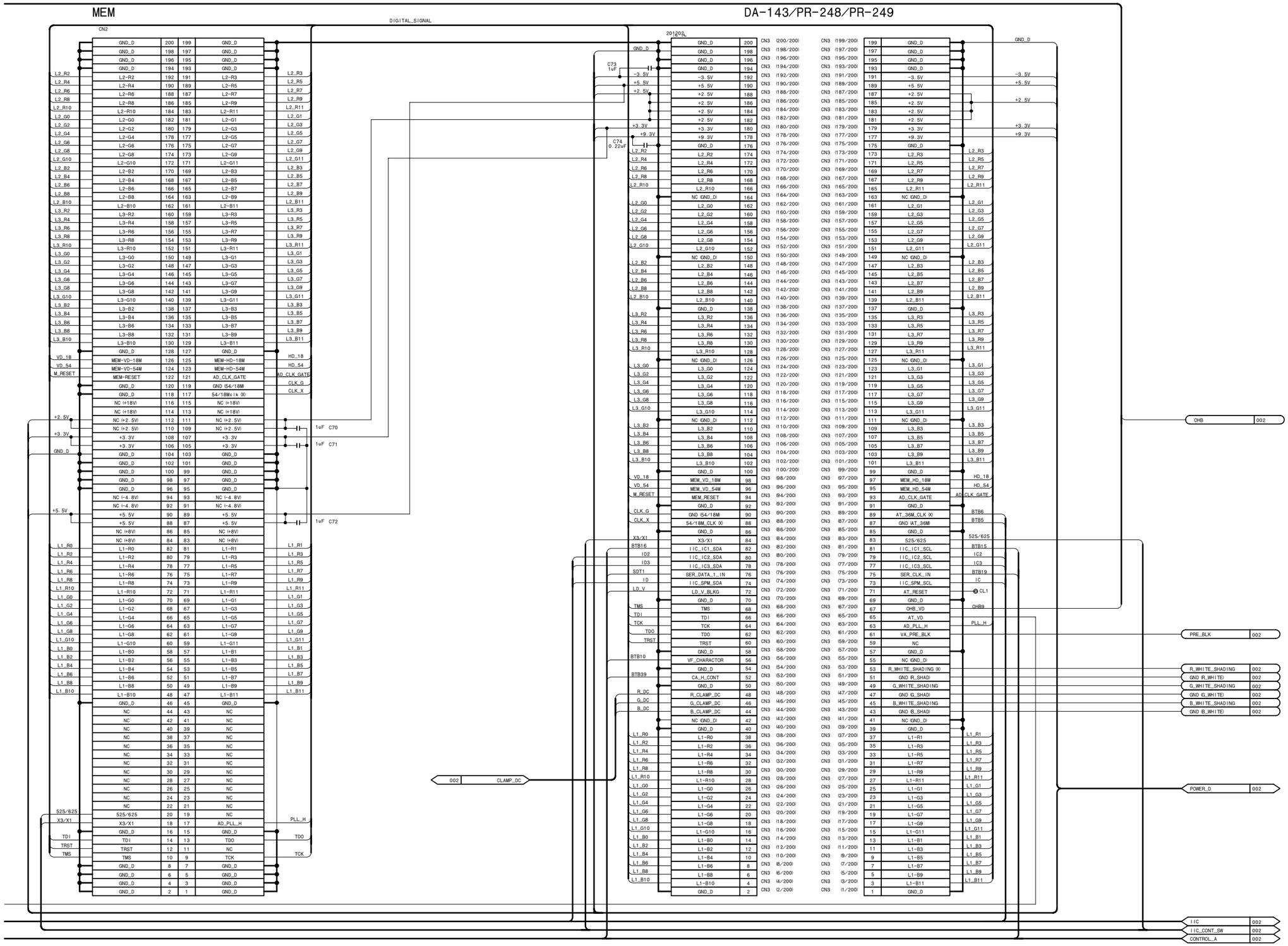
PS-554
BOARD NO. 1-677-784-11
BVP9500WS_PS-554_11A_1

MB-830 (1/2)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



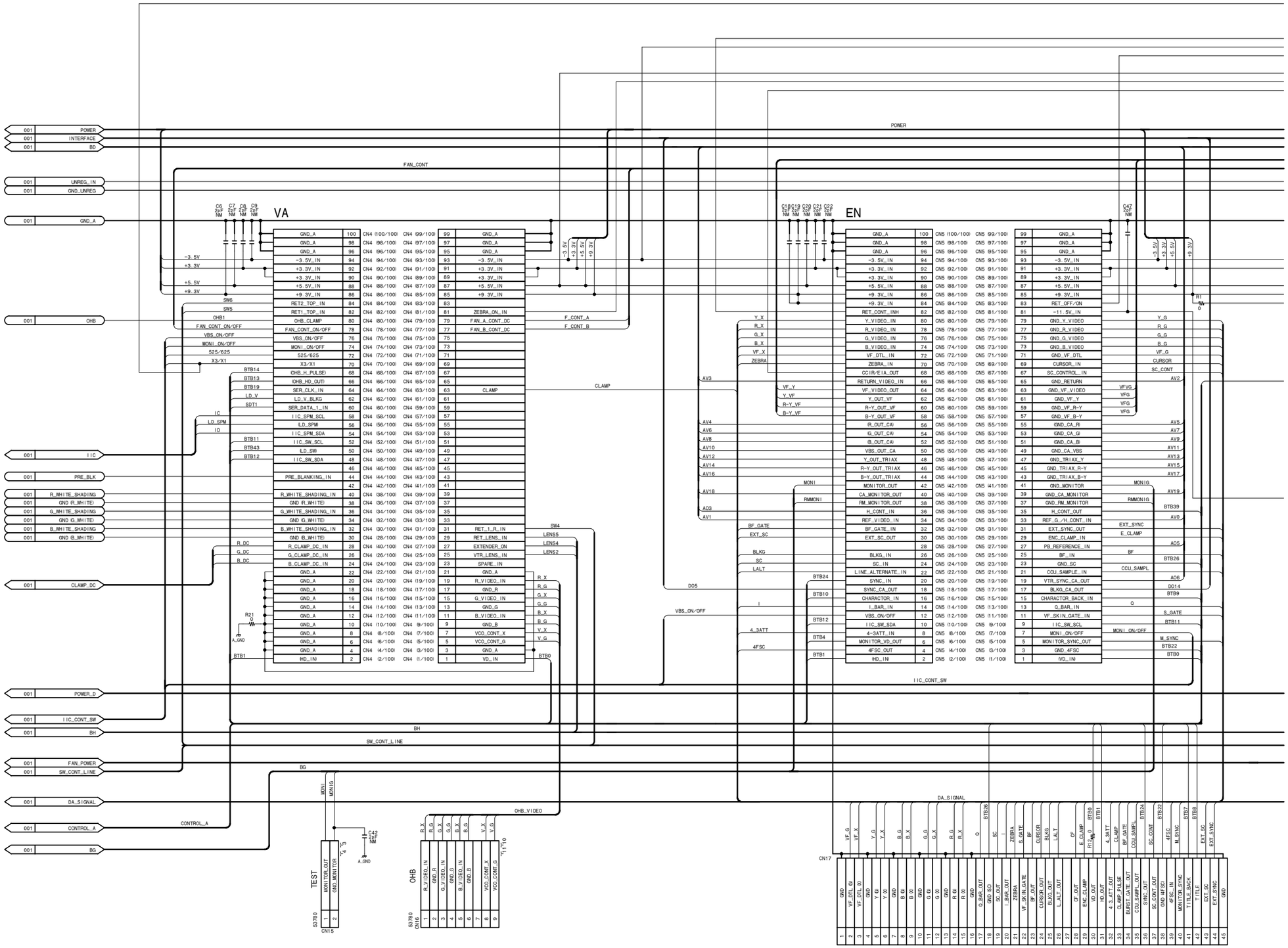
7-74



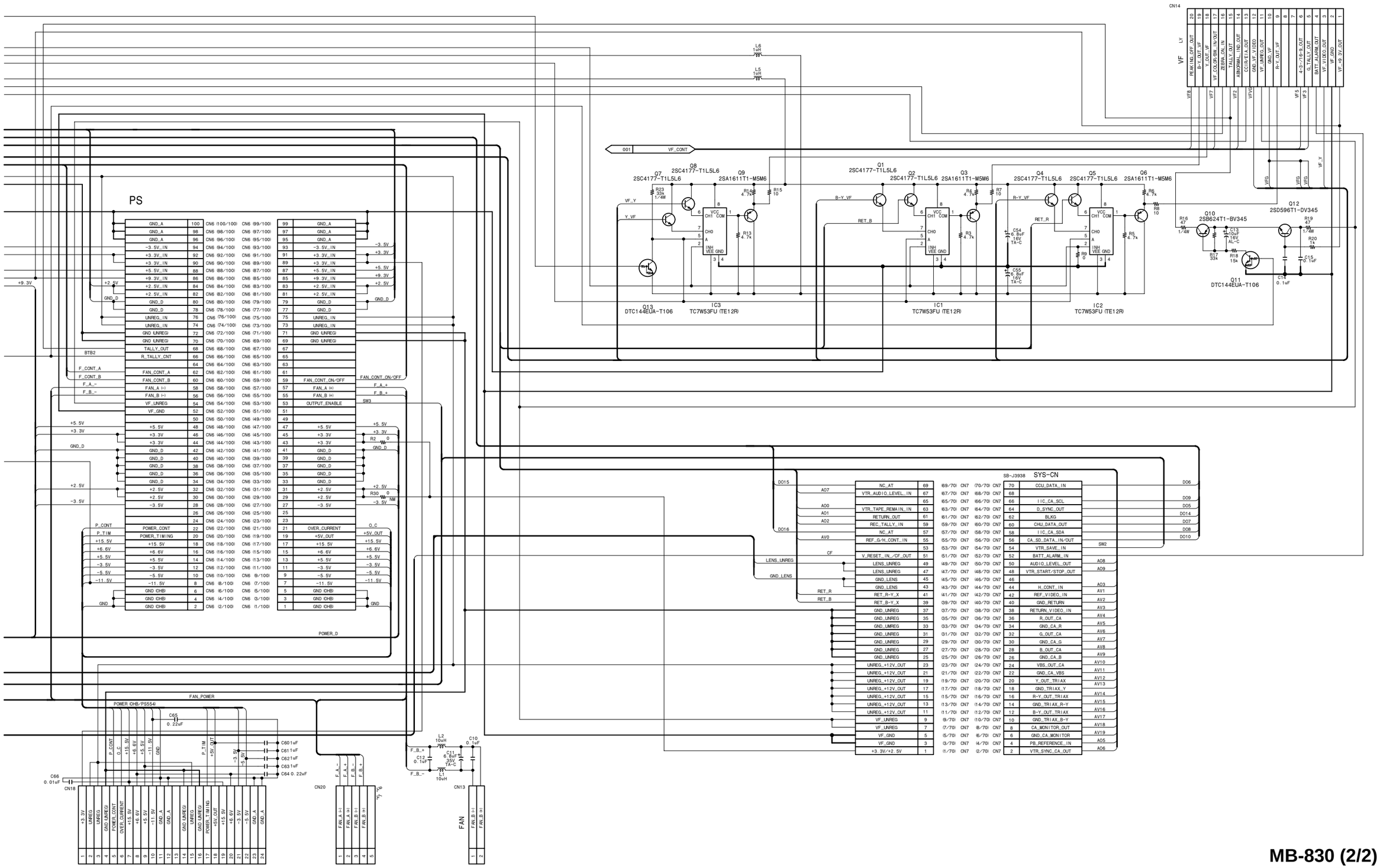
MB-830 (1/2)
BOARD NO. 1-677-804-11
BVP9500WS_MB-830_11A_101

MB-830 (2/2)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



7-76



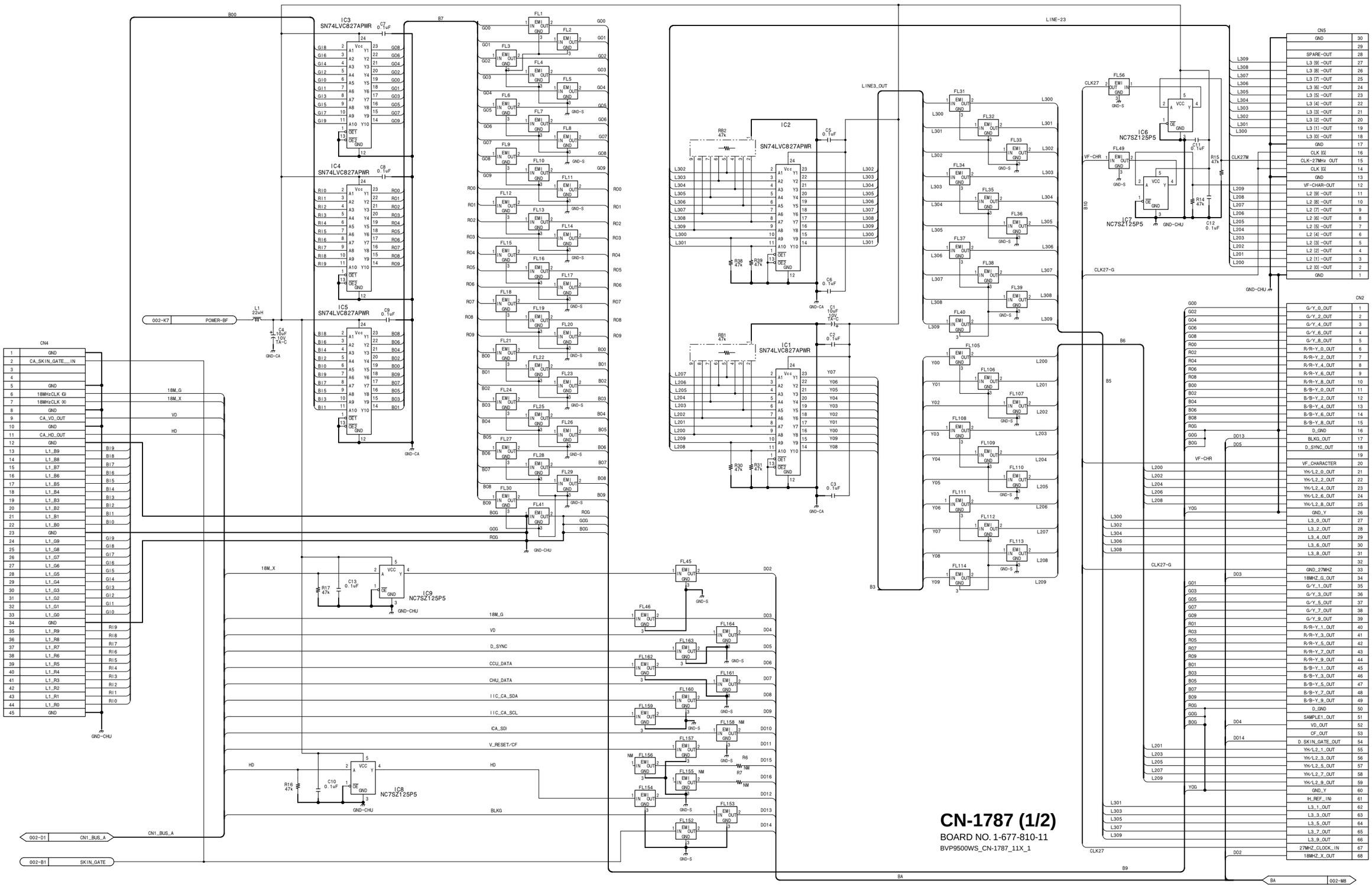
MB-830 (2/2)

BOARD NO. 1-677-804-11

BVP9500WS_MB-830_11A_102

CN-1787 (1/2)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



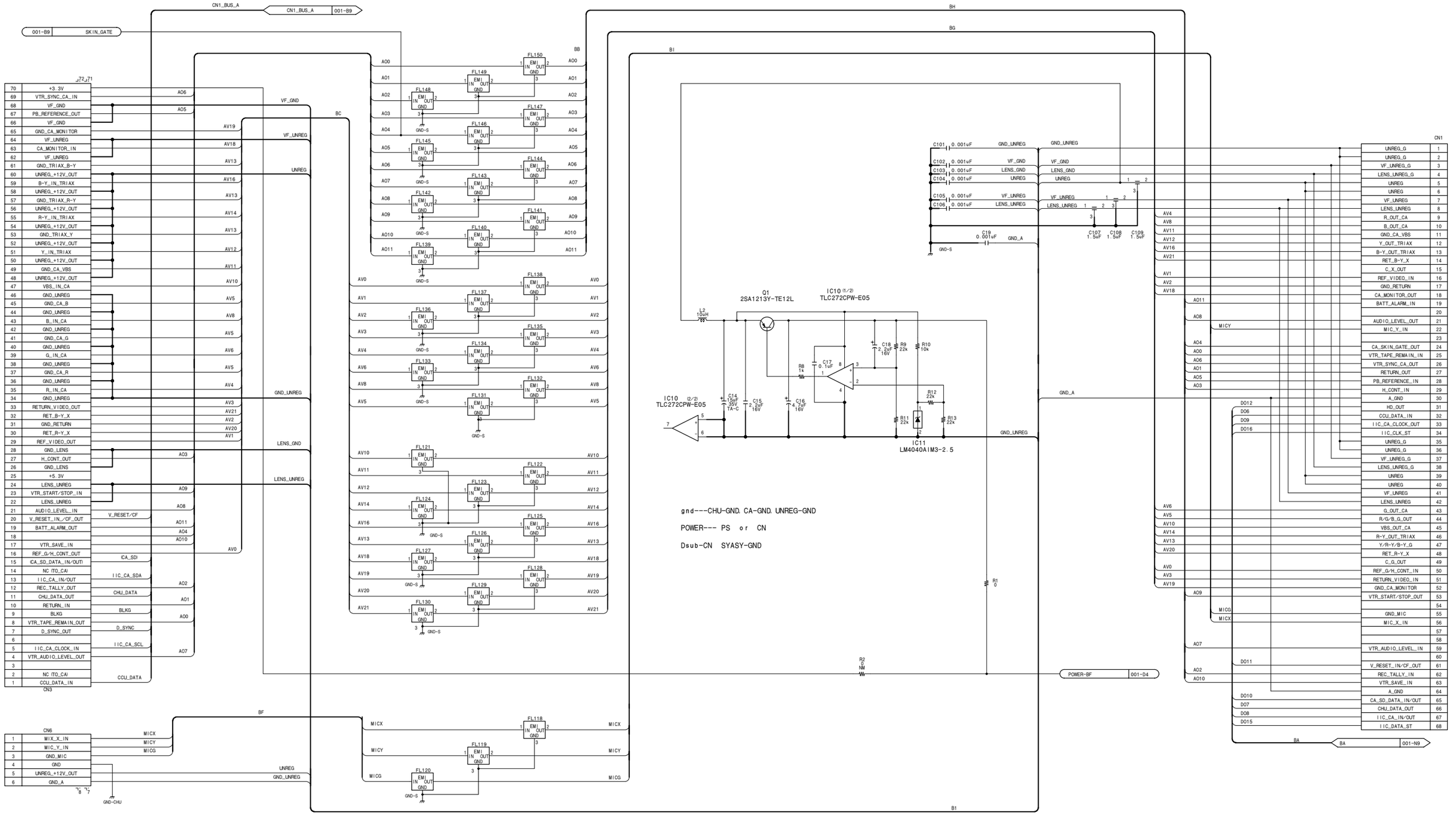
CN-1787 (1/2)

BOARD NO. 1-677-810-11

BVP9500WS_CN-1787_11X_1

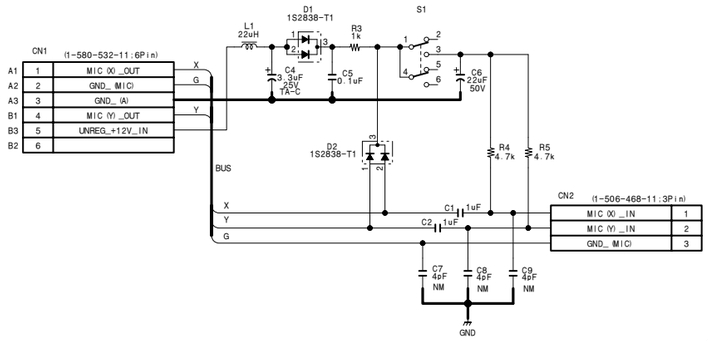
CN-1787 (2/2)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



CN-1927, CN-1928, CN-1929

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

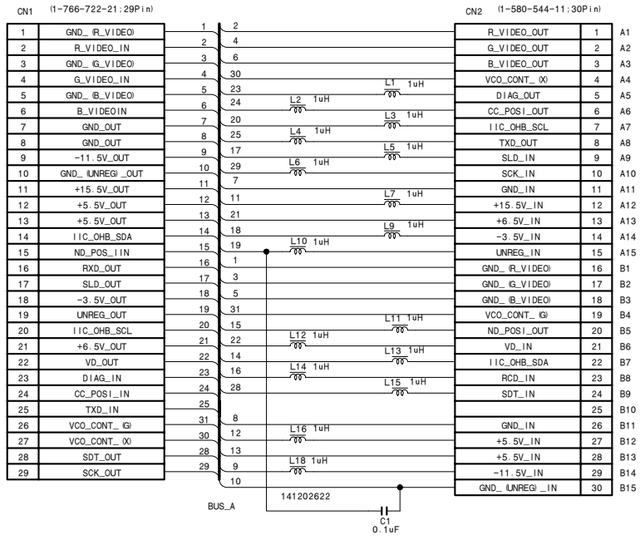


CN-1927

BOARD NO. 1-677-785-11

BVP9500WS_CN-1927_011_1

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

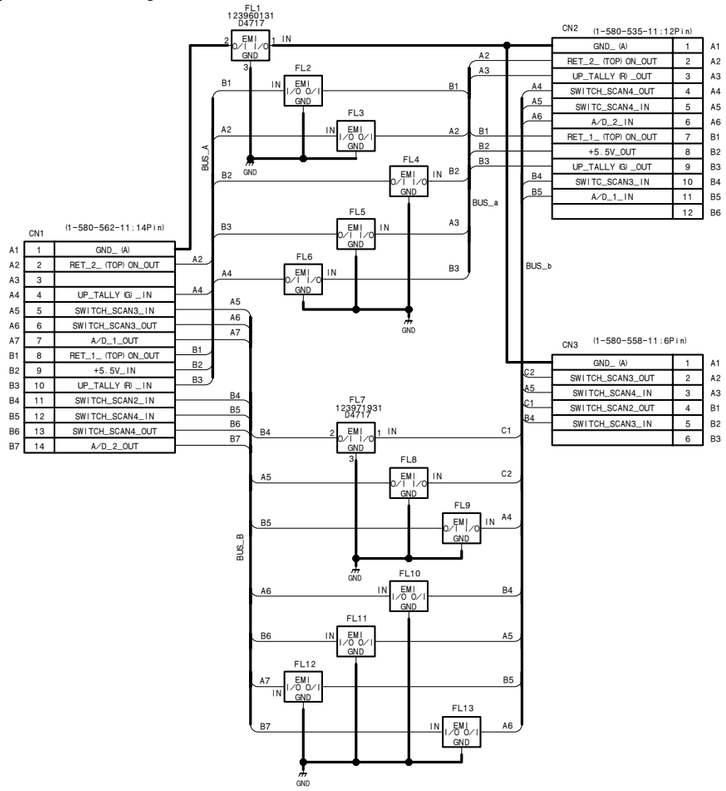


CN-1928

BOARD NO. 1-677-786-11

BVP9500WS_CN-1928_011_1

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



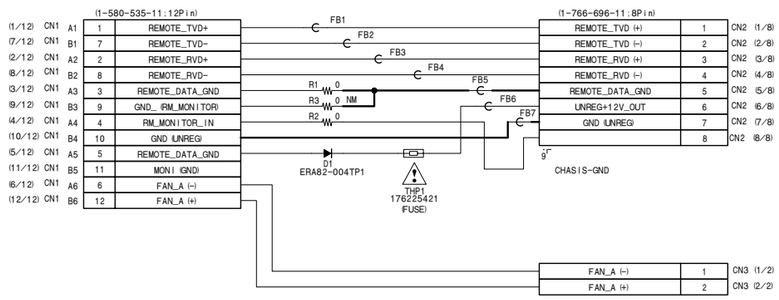
CN-1929

BOARD NO. 1-677-787-11

BVP9500WS_CN-1929_011_1

7-80

BVP-9500WS (UC) : S/N 10011 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40008 and Higher

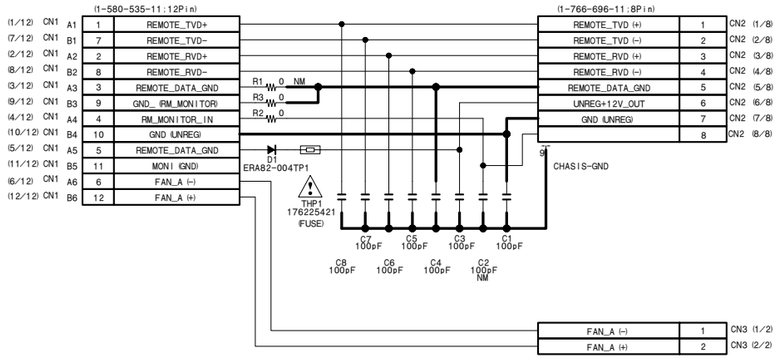


CN-1930

BOARD NO. 1-677-788-12

BVP9500WS_CN-1930_12A_1

BVP-9500WS (UC) : S/N 10001 throuth 10010
BVP-9500WSP (CE) : S/N 40001 throuth 40007

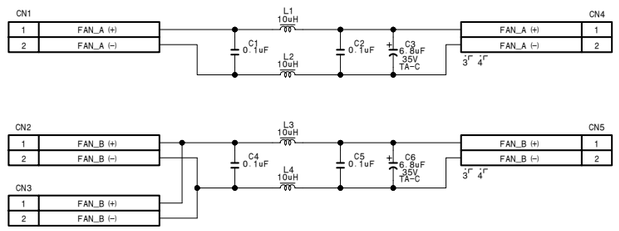


CN-1930

BOARD NO. 1-677-788-11

BVP9500WS_CN-1930_011_1

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

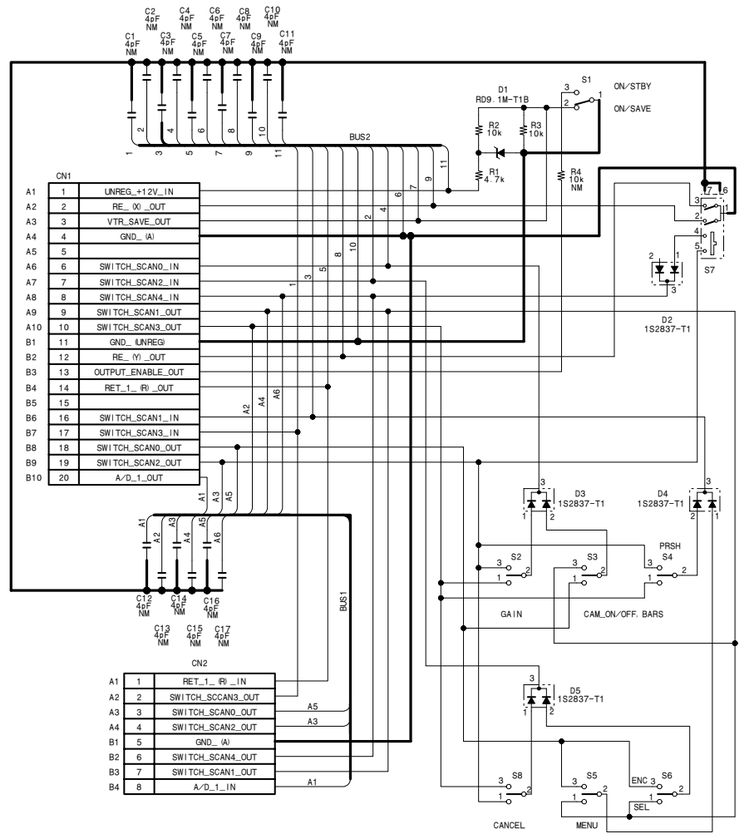


CN-2045

BOARD NO. 1-677-789-11

BVP9500WS_CN-2045_011_1

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher

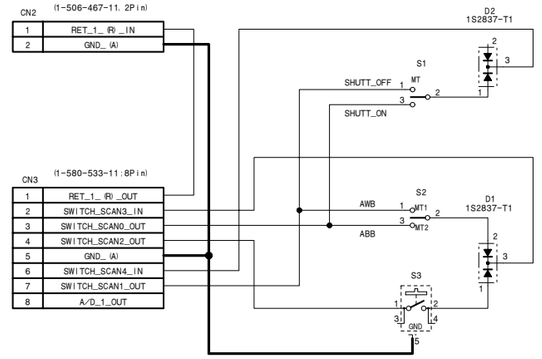


SW-1008

BOARD NO. 1-677-790-11

BVP9500WS_SW-1008_011_1

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



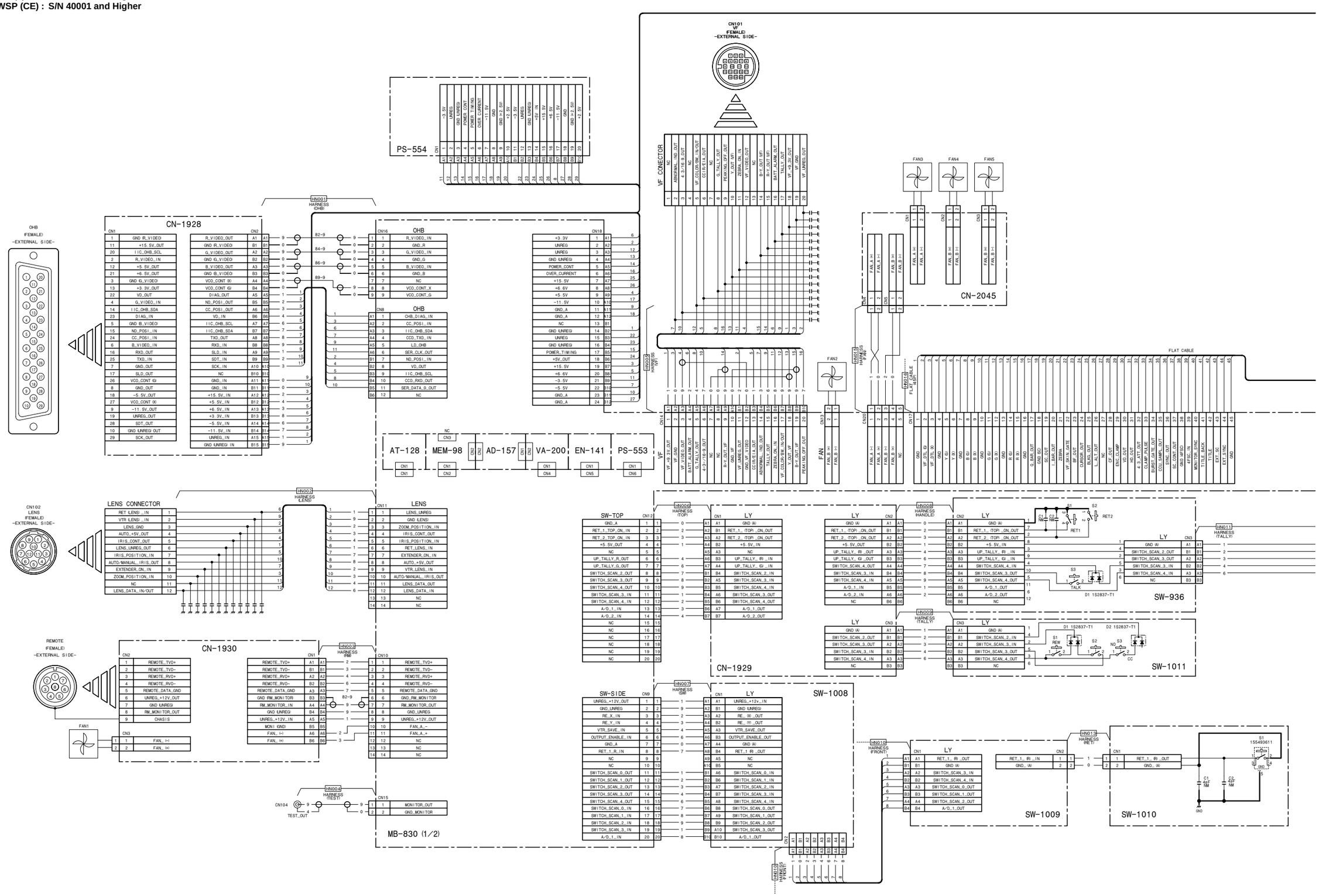
SW-1009

BOARD NO. 1-677-791-11

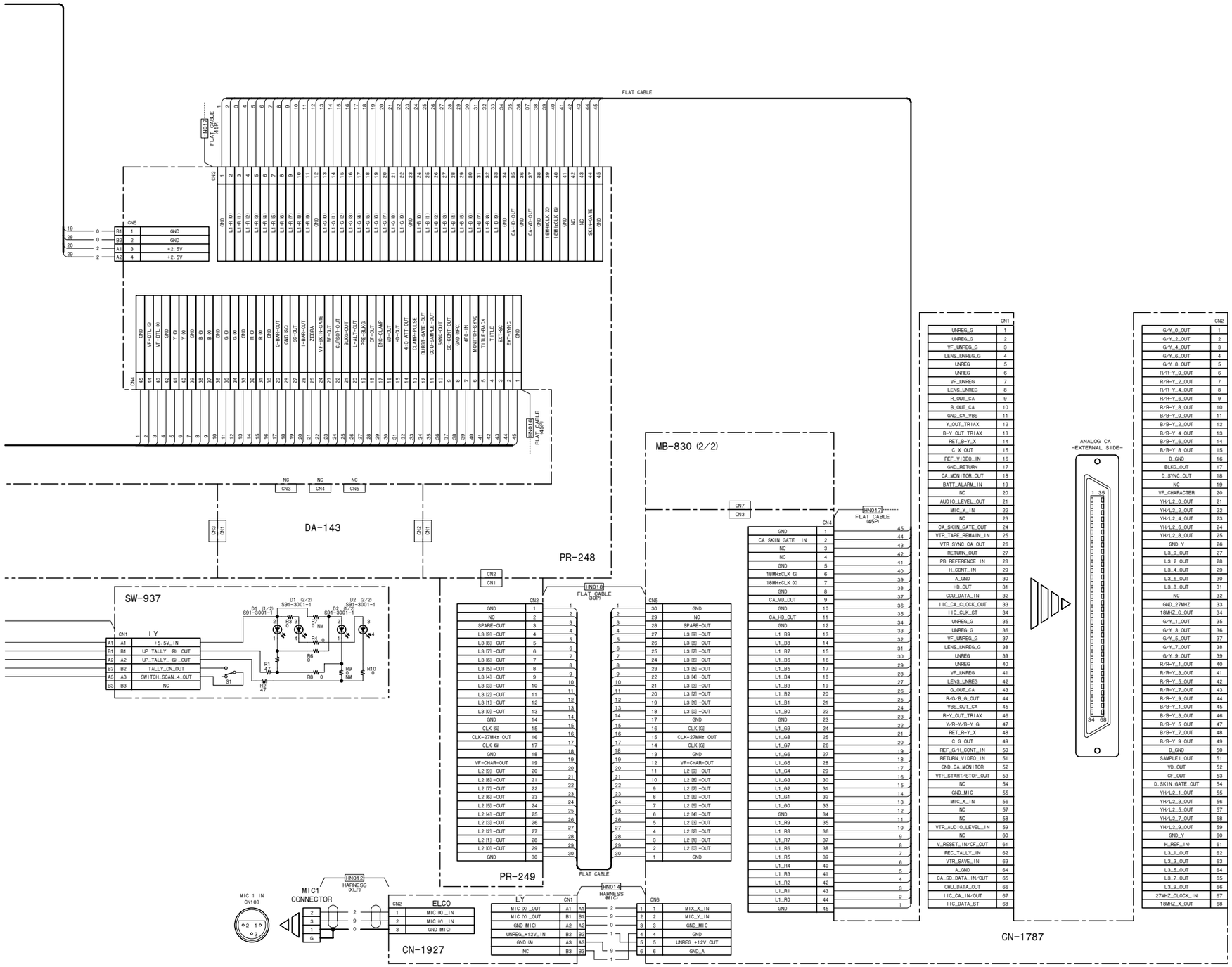
BVP9500WS_SW-1009_011_1

Frame Wiring (1/2)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



Frame Wiring (1/2)

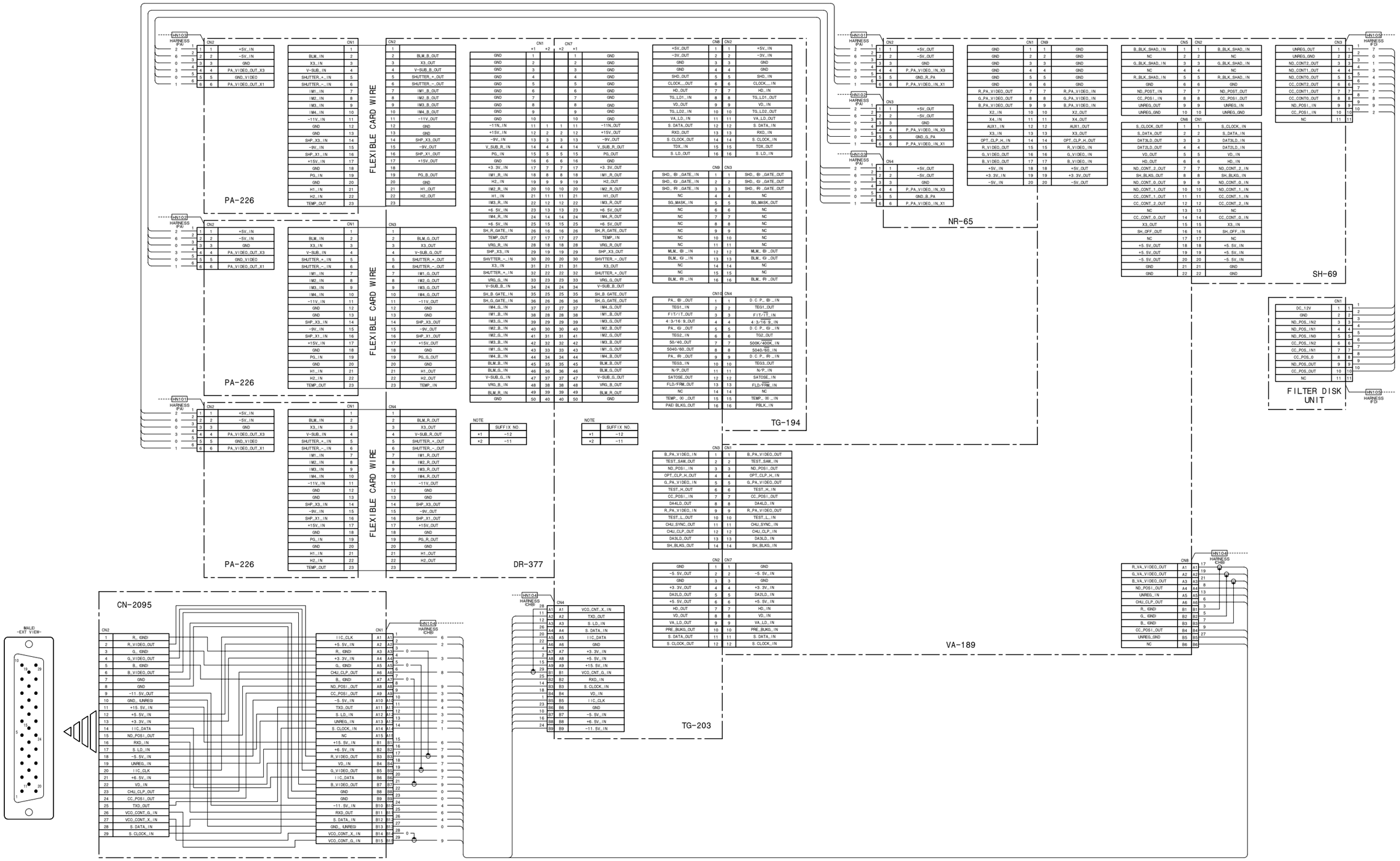


CN1	
UNREG_G	1
UNREG_G	2
VF_UNREG_G	3
LENS_UNREG_G	4
UNREG	5
UNREG	6
VF_UNREG	7
LENS_UNREG	8
R_OUT_CA	9
B_OUT_CA	10
GND_CA_VBS	11
Y_OUT_TRIAX	12
B-Y_OUT_TRIAX	13
RET_B-Y_X	14
C_X_OUT	15
REF_VIDEO_IN	16
GND_RETURN	17
CA_MONITOR_OUT	18
BATT_ALARM_IN	19
NC	20
AUDIO_LEVEL_OUT	21
MIC_Y_IN	22
NC	23
CA_SKIN_GATE_OUT	24
VTR_TAPE_REMAIN_IN	25
VTR_SYNC_CA_OUT	26
RETURN_OUT	27
PB_REFERENCE_IN	28
H_CONT_IN	29
A_GND	30
HD_OUT	31
CCU_DATA_IN	32
IIC_CA_CLOCK_OUT	33
IIC_CLK_ST	34
UNREG_G	35
UNREG_G	36
VF_UNREG_G	37
LENS_UNREG_G	38
UNREG	39
UNREG	40
VF_UNREG	41
LENS_UNREG	42
G_OUT_CA	43
R/G/B_G_OUT	44
VBS_OUT_CA	45
R-Y_OUT_TRIAX	46
Y/R-Y/B-Y_G	47
RET_R-Y_X	48
C_G_OUT	49
REF_G/H_CONT_IN	50
RETURN_VIDEO_IN	51
GND_CA_MONITOR	52
VTR_START/STOP_OUT	53
NC	54
GND_MIC	55
MIC_X_IN	56
NC	57
NC	58
VTR_AUDIO_LEVEL_IN	59
NC	60
V_RESET_IN/CF_OUT	61
REC_TALLY_IN	62
VTR_SAVE_IN	63
A_GND	64
CA_SD_DATA_IN/OUT	65
CHU_DATA_OUT	66
IIC_CA_IN/OUT	67
IIC_DATA_ST	68

CN2	
G/Y_0_OUT	1
G/Y_2_OUT	2
G/Y_4_OUT	3
G/Y_6_OUT	4
G/Y_8_OUT	5
R/R-Y_0_OUT	6
R/R-Y_2_OUT	7
R/R-Y_4_OUT	8
R/R-Y_6_OUT	9
R/R-Y_8_OUT	10
B/B-Y_0_OUT	11
B/B-Y_2_OUT	12
B/B-Y_4_OUT	13
B/B-Y_6_OUT	14
B/B-Y_8_OUT	15
D_GND	16
BLKG_OUT	17
D_SYNC_OUT	18
NC	19
VF_CHARACTER	20
YH/L2_0_OUT	21
YH/L2_2_OUT	22
YH/L2_4_OUT	23
YH/L2_6_OUT	24
YH/L2_8_OUT	25
GND_Y	26
L3_0_OUT	27
L3_2_OUT	28
L3_4_OUT	29
L3_6_OUT	30
L3_8_OUT	31
NC	32
GND_27MHZ	33
18MHZ_G_OUT	34
G/Y_1_OUT	35
G/Y_3_OUT	36
G/Y_5_OUT	37
G/Y_7_OUT	38
G/Y_9_OUT	39
R/R-Y_1_OUT	40
R/R-Y_3_OUT	41
R/R-Y_5_OUT	42
R/R-Y_7_OUT	43
R/R-Y_9_OUT	44
B/B-Y_1_OUT	45
B/B-Y_3_OUT	46
B/B-Y_5_OUT	47
B/B-Y_7_OUT	48
B/B-Y_9_OUT	49
D_GND	50
SAMPLE1_OUT	51
VD_OUT	52
CF_OUT	53
D_SKIN_GATE_OUT	54
YH/L2_1_OUT	55
YH/L2_3_OUT	56
YH/L2_5_OUT	57
YH/L2_7_OUT	58
YH/L2_9_OUT	59
GND_Y	60
IH_REF_IN	61
L3_1_OUT	62
L3_3_OUT	63
L3_5_OUT	64
L3_7_OUT	65
L3_9_OUT	66
27MHZ_CLOCK_IN	67
18MHZ_X_OUT	68

Frame Wiring (1/2)

BVP-9500WS (UC) : S/N 10001 and Higher
BVP-9500WS (J) : S/N 30001 and Higher
BVP-9500WSP (CE) : S/N 40001 and Higher



Section 8
Board Layouts

Board Layout Index

A. AD-157 8-3
AT-128 8-5

C. CN-1787 8-7
CN-1927 8-9
CN-1928 8-9
CN-1929 8-9
CN-1930 8-9
CN-2045 8-9
CN-2095 8-9

D. DA-143 8-11
DR-377 8-13

E. EN-141 8-15

M. MB-830 8-17
MEM-98 8-19

N. NR-65 8-21

P. PA-226 8-21
PR-248 8-23
PR-249 8-25
PS-553 8-27
PS-554 8-29

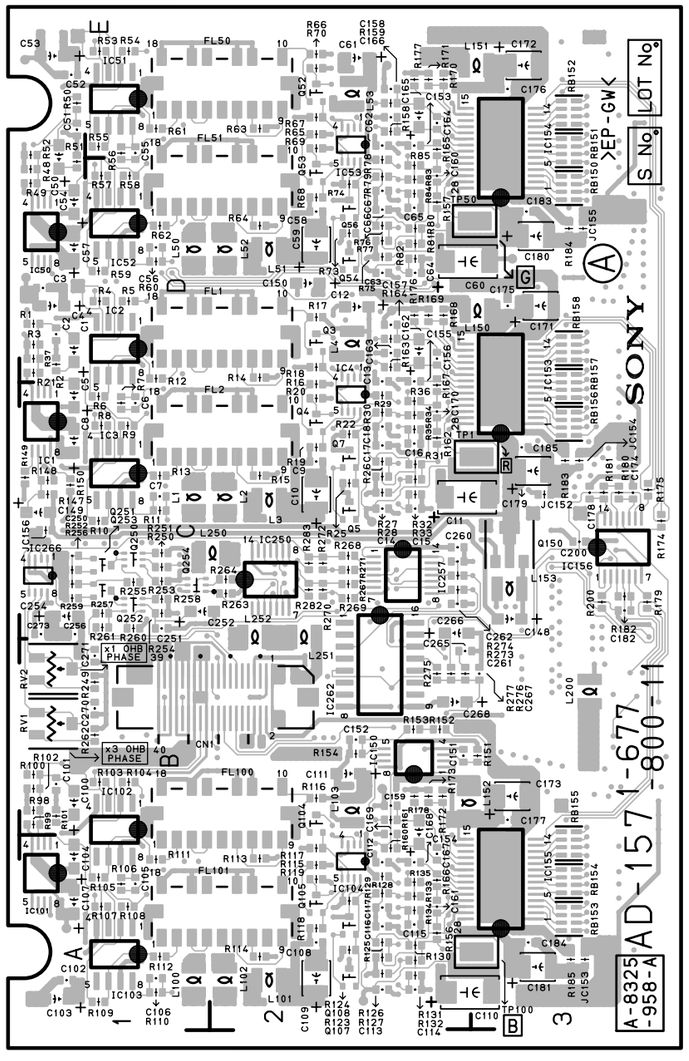
S. SH-69 8-31
SW-936 8-33
SW-937 8-33
SW-1008 8-33
SW-1009 8-33
SW-1010 8-33
SW-1011 8-33

T. TG-194 8-35
TG-203 8-37

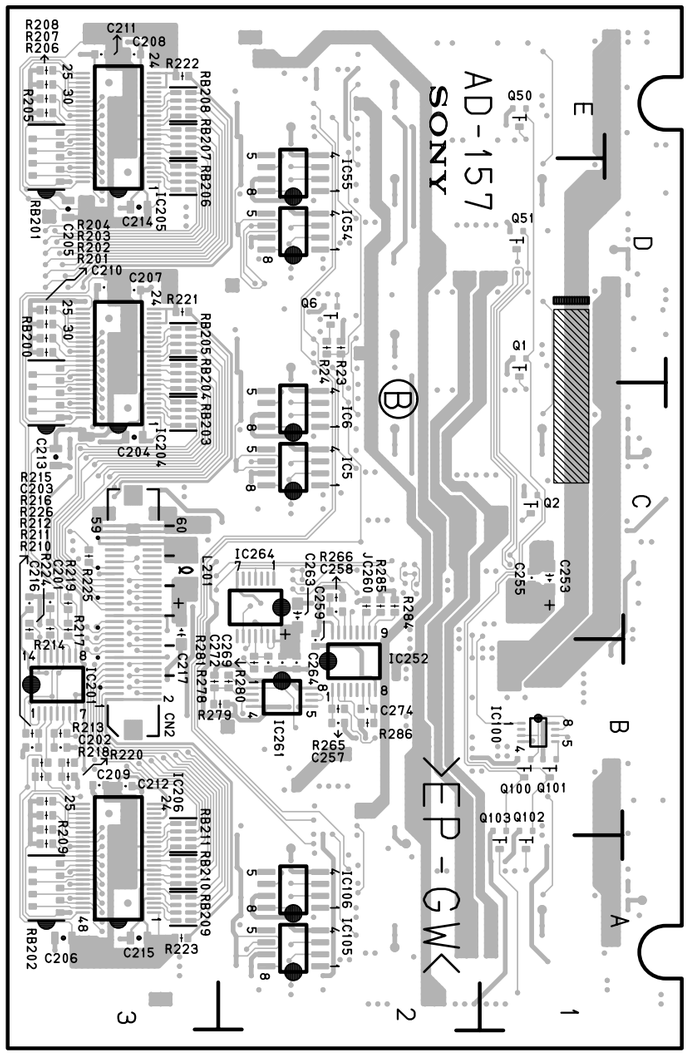
V. VA-189 8-39
VA-200 8-41

AD-157 (1-677-800-11)

C1	D1	C200	C3	JC154	C3
C2	D1	C201	*C3	JC155	D3
C3	D1	C202	*B3	JC156	C1
C4	D1	C203	*B3	JC260	*C2
C5	C1	C204	*C3		
C6	C1	C205	*D3	L1	C1
C7	C1	C206	*A3	L2	C2
C8	C1	C207	*D3	L3	C2
C9	C2	C208	*D3	L4	D2
C10	C2	C209	*B3	L50	D1
C11	C2	C210	*D3	L51	D2
C12	D2	C211	*D3	L52	D2
C13	D2	C212	*B3	L53	E2
C14	C2	C213	*C3	L100	A1
C15	C2	C214	*D3	L101	A2
C16	C2	C215	*A3	L102	A2
C17	C2	C216	*C3	L103	B2
C18	C2	C217	*C3	L150	D3
C50	E1	C250	C1	L151	E3
C51	E1	C251	C1	L152	B2
C52	E1	C252	C1	L153	C3
C53	E1	C253	*C1	L200	B3
C54	D1	C254	C1	L201	*C3
C55	E1	C255	*C1	L250	C2
C56	D1	C256	C1	L251	C2
C57	D1	C257	*B2	L252	C2
C58	D2	C258	*C2		
C59	D2	C259	*B2	Q1	*D1
C60	D2	C260	C2	Q2	*C1
C61	E2	C261	C2	Q3	D2
C62	E2	C262	C2	Q4	C2
C63	D2	C263	*C2	Q5	C2
C64	D2	C264	*B2	Q6	*D2
C65	D2	C265	B2	Q7	C2
C66	D2	C266	C2	Q50	*D1
C67	D2	C267	B3	Q51	*D1
C100	B1	C268	B2	Q52	E2
C101	B1	C269	*B2	Q53	D2
C102	A1	C270	B1	Q54	D2
C103	A1	C271	B1	Q56	D2
C104	A1	C272	*B2	Q100	*B1
C105	A1	C273	C1	Q101	*B1
C106	A1	C274	*B2	Q102	*A1
C107	A1			Q103	*A1
C108	A2	CN1	B2	Q104	B2
C109	A2	CN2	*C3	Q105	A2
C110	A2			Q107	A2
C111	B2	FL1	D2	Q108	A2
C112	A2	FL2	C2	Q150	C3
C113	A2	FL50	E2	Q250	C1
C114	A2	FL51	D2	Q251	C1
C115	A2	FL100	B2	Q252	C1
C116	A2	FL101	A2	Q253	C1
C117	A2			Q254	C1
C148	C3	IC1	C1		
C149	C1	IC2	D1	R1	D1
C150	D2	IC3	C1	R2	D1
C151	B2	IC4	C2	R3	D1
C152	B2	IC5	*C2	R4	D1
C153	E2	IC6	*C2	R5	D1
C154	A2	IC50	D1	R6	C1
C155	D2	IC51	E1	R7	C1
C156	D2	IC52	D1	R8	C1
C157	D2	IC53	E2	R9	C1
C158	E2	IC54	*D2	R10	C1
C159	B2	IC55	*D2	R11	C1
C160	D2	IC100	*B1	R12	D1
C161	A2	IC101	A1	R13	C1
C162	D2	IC102	B1	R14	D2
C163	D2	IC103	A1	R15	C2
C164	E2	IC104	A2	R16	C2
C165	E2	IC105	*A2	R17	D2
C166	E2	IC106	*A2	R18	D2
C167	A2	IC150	B2	R19	C2
C168	B2	IC153	C3	R20	C2
C169	B2	IC154	D3	R21	D1
C170	C2	IC155	A3	R22	C2
C171	D3	IC156	C3	R23	*D2
C172	E3	IC201	*B3	R24	*D2
C173	B3	IC204	*C3	R25	C2
C174	C3	IC205	*D3	R26	C2
C175	D3	IC206	*A3	R27	C2
C176	E3	IC250	C2	R28	C2
C177	B3	IC252	*B2	R29	C2
C178	C3	IC257	C2	R30	C2
C179	C3	IC261	*B2	R31	C2
C180	D3	IC262	C2	R32	C2
C181	A3	IC264	*C2	R33	C2
C182	C3	IC266	C1	R34	C2
C183	D3			R35	C2
C184	A3	JC152	C3	R36	C2
C185	C3	JC153	A3	R37	D1



AD-157 -A SIDE-
SUFFIX: -11

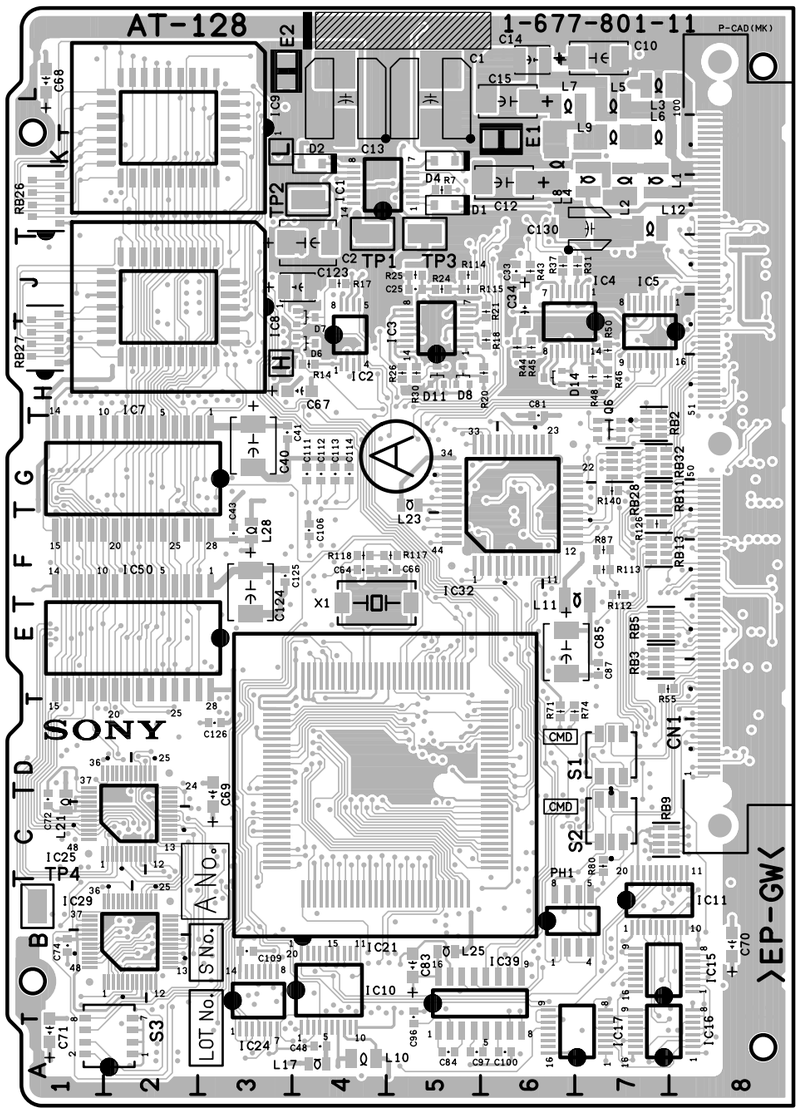


AD-157 -B SIDE-
SUFFIX: -11

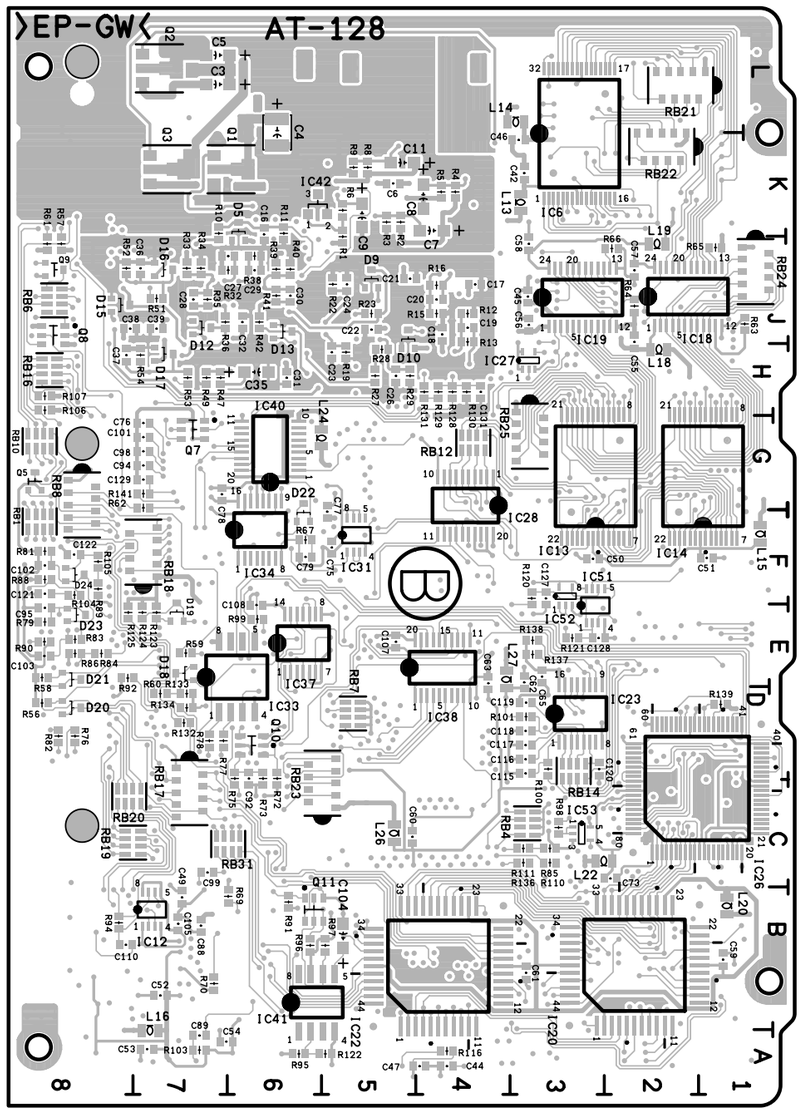
R48	D1	R169	D2	RB200	*C3
R49	D1	R170	E2	RB201	*D3
R50	E1	R171	E2	RB202	*A3
R51	D1	R172	B2	RB203	*C3
R52	E1	R173	B2	RB204	*D3
R53	E1	R174	C3	RB205	*D3
R54	E1	R175	C3	RB206	*D3
R55	E1	R176	D2	RB207	*D3
R56	E1	R177	E2	RB208	*D3
R57	D1	R178	B2	RB209	*A3
R58	D1	R179	C3	RB210	*A3
R59	D1	R180	C3	RB211	*A3
R60	D1	R181	C3		
R61	E1	R182	C3	RV1	B1
R62	D1	R183	C3	RV2	B1
R63	E2	R184	D3		
R64	D2	R185	A3	TP1	C3
R65	E2	R200	C3	TP50	D3
R66	E2	R201	*D3	TP100	A3
R67	E2	R202	*D3		
R68	D2	R203	*D3	*:B SIDE	
R69	E2	R204	*D3		
R70	E2	R205	*D3		
R73	D2	R206	*D3		
R74	D2	R207	*D3		
R75	D2	R208	*D3		
R76	D2	R209	*A3		
R77	D2	R210	*B3		
R78	D2	R211	*B3		
R79	D2	R212	*B3		
R80	D2	R213	*B3		
R81	D2	R214	*C3		
R82	D2	R215	*B3		
R83	D2	R216	*B3		
R84	D2	R217	*C3		
R85	D2	R218	*B3		
R98	B1	R219	*C3		
R99	B1	R220	*B3		
R100	B1	R221	*D3		
R101	B1	R222	*D3		
R102	B1	R223	*A3		
R103	B1	R224	*C3		
R104	B1	R225	*C3		
R105	A1	R226	*B3		
R106	A1	R249	B1		
R107	A1	R250	C1		
R108	A1	R251	C1		
R109	A1	R252	C1		
R110	A1	R253	C1		
R111	A1	R254	C1		
R112	A1	R255	C1		
R113	A2	R256	C1		
R114	A2	R257	C1		
R115	A2	R258	C1		
R116	B2	R259	C1		
R117	A2	R260	C1		
R118	A2	R261	C1		
R119	A2	R262	B1		
R123	A2	R263	C2		
R124	A2	R264	C2		
R125	A2	R265	*B2		
R126	A2	R266	*C2		
R127	A2	R267	C2		
R128	A2	R268	C2		
R129	A2	R269	C2		
R130	A2	R270	C2		
R131	A2	R271	C2		
R132	A2	R272	C2		
R133	A2	R273	C2		
R134	A2	R274	C2		
R135	A2	R275	B2		
R147	C1	R276	B2		
R148	C1	R277	B2		
R149	C1	R278	*B3		
R150	C1	R279	*B2		
R151	B3	R280	*B2		
R152	B2	R281	*B2		
R153	B2	R282	C2		
R154	B2	R283	C2		
R156	A2	R284	*C2		
R157	D2	R285	*C2		
R158	E2	R286	*B2		
R159	E2				
R160	A2	RB150	D3		
R161	B2	RB151	E3		
R162	C2	RB152	E3		
R163	D2	RB153	A3		
R164	D2	RB154	A3		
R165	E2	RB155	A3		
R166	A2	RB156	C3		
R167	C2	RB157	C3		
R168	D2	RB158	D3		

AT-128 (1-677-801-11)

C1	L5	C99	*C7	IC31	*F5
C2	J4	C100	A6	IC32	G6
C3	*L7	C101	*G7	IC33	*E6
C4	*K6	C102	*F8	IC34	*F6
C5	*L7	C103	*E8	IC37	*E6
C6	*K5	C104	*B5	IC38	*E4
C7	*K4	C105	*B7	IC39	B5
C8	*K4	C106	F4	IC40	*G6
C9	*K5	C107	*E5	IC41	*B6
C10	L7	C108	*E6	IC42	*K6
C11	*K5	C109	B3	IC50	E2
C12	K6	C110	*B8	IC51	*E3
C13	L4	C111	G4	IC52	*F3
C14	L6	C112	G4	IC53	*C3
C15	L6	C113	G4		
C16	*K6	C114	G4	L1	K7
C17	*J4	C115	*D3	L2	K7
C18	*H4	C116	*D3	L3	L7
C19	*H4	C117	*D3	L4	K7
C20	*J4	C118	*D3	L5	L7
C21	*J5	C119	*D3	L6	K7
C22	*H5	C120	*D3	L7	L6
C23	*H5	C121	*F8	L8	K6
C24	*J5	C122	*F8	L9	K7
C25	J5	C123	J4	L10	A4
C26	*H5	C124	F3	L11	F7
C27	*J6	C125	F3	L12	K7
C28	*J7	C126	D3	L13	*K3
C29	*J6	C127	*F3	L14	*L3
C30	*J6	C128	*E3	L15	*F1
C31	*H6	C129	*G7	L16	*A7
C32	*H6	C130	K7	L17	A4
C33	J6	C131	*H4	L18	*H2
C34	J6			L19	*J2
C35	*H6	CN1	G8	L20	*B1
C36	*J7			L21	C1
C37	*H8	D1	K5	L22	*C3
C38	*H8	D2	K4	L23	G5
C39	*H7	D4	K5	L24	*G6
C40	G3	D5	*K6	L25	B5
C41	G3	D6	H4	L26	*C5
C42	*K3	D7	J4	L27	*E4
C43	F3	D8	H5	L28	F3
C44	*A4	D9	*J5		
C45	*J3	D10	*H5	PH1	B6
C46	*K3	D11	H5		
C47	*A4	D12	*H7	Q1	*K6
C48	A4	D13	*H6	Q2	*L7
C49	*B7	D14	H6	Q3	*K7
C50	*F3	D15	*J8	Q5	*G8
C51	*F1	D16	*J7	Q6	G7
C52	*B7	D17	*H7	Q7	*G7
C53	*A7	D18	*E7	Q8	*H8
C54	*A7	D19	*E7	Q9	*J8
C55	*H2	D20	*D8	Q10	*D6
C56	*H3	D21	*E8	Q11	*B6
C57	*J2	D22	*F6		
C58	*J3	D23	*E8	R1	*J5
C59	*B1	D24	*F8	R2	*K5
C60	*C5			R3	*K5
C61	*B3	E1	K6	R4	*K4
C62	*E3	E2	L3	R5	*K4
C63	*E4			R6	*K5
C64	F4	IC1	K4	R7	K5
C65	*E3	IC2	H4	R8	*K5
C66	F5	IC3	H5	R9	*K5
C67	H4	IC4	H6	R10	*K7
C68	L1	IC5	H7	R11	*K6
C69	C3	IC6	*K3	R12	*J4
C70	B8	IC7	G2	R13	*H4
C71	A1	IC8	J2	R14	H4
C72	C1	IC9	L2	R15	*J4
C73	*C2	IC10	B4	R16	*J4
C74	B1	IC11	B7	R17	J4
C75	*F5	IC12	*B7	R18	H6
C76	*G7	IC13	*G3	R19	*H5
C77	*F5	IC14	*G1	R20	H6
C78	*G7	IC15	B7	R21	J6
C79	*F6	IC16	A7	R22	*J5
C81	G6	IC17	A7	R23	*J5
C83	B5	IC18	*J2	R24	J5
C84	A5	IC19	*J3	R25	J5
C85	E6	IC20	*B2	R26	H5
C87	E7	IC21	D4	R27	*H5
C88	*B7	IC22	*B4	R28	*H5
C89	*A7	IC23	*D3	R29	*H5
C92	*D6	IC24	B3	R30	H5
C94	*G7	IC25	C2	R31	J7
C95	*E8	IC26	*D2	R32	*J6
C96	B5	IC27	*H3	R33	*J7
C97	A5	IC28	*G4	R34	*J7
C98	*G7	IC29	B2	R35	*J7



AT-128 -A SIDE-
SUFFIX: -11

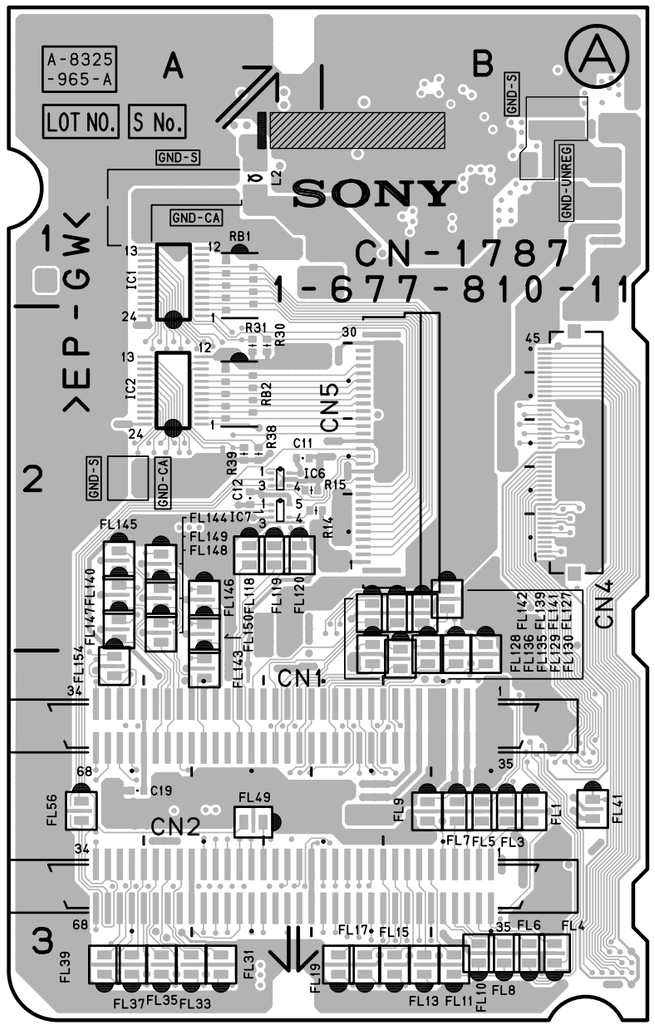


AT-128 -B SIDE-
SUFFIX: -11

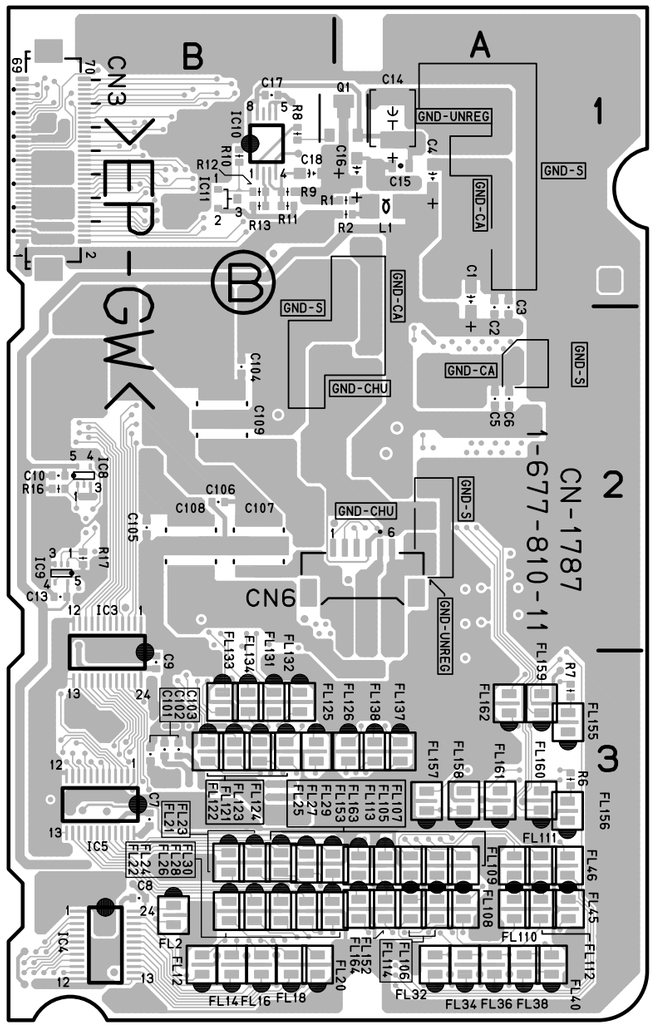
R36	*H7	R136	*C3		
R37	J6	R137	*E3		
R38	*J6	R138	*E3		
R39	*J6	R139	*D1		
R40	*J6	R140	G7		
R41	*J6	R141	*G7		
R42	*H6				
R43	J6	RB1	*F8		
R44	H6	RB2	G7		
R45	H6	RB3	E7		
R46	H7	RB4	*C3		
R47	*H7	RB5	E7		
R48	H7	RB6	*J8		
R49	*H7	RB7	*D5		
R50	H7	RB8	*G8		
R51	*J7	RB9	C7		
R52	*J8	RB10	*G8		
R53	*H7	RB11	G7		
R54	*H7	RB12	*G4		
R55	E7	RB13	F7		
R56	*D8	RB14	*D3		
R57	*J8	RB16	*H8		
R58	*E8	RB17	*C7		
R59	*E7	RB18	*F7		
R60	*E7	RB19	*C8		
R61	*J8	RB20	*C8		
R62	*G7	RB21	*L2		
R63	*H1	RB22	*K2		
R64	*J2	RB23	*D5		
R65	*J1	RB24	*J1		
R66	*J2	RB25	*G3		
R67	*F6	RB26	K1		
R69	*B6	RB27	H1		
R70	*B7	RB28	G7		
R71	D6	RB31	*C6		
R72	*D6	RB32	G7		
R73	*D6				
R74	D7	S1	D7		
R75	*D6	S2	C7		
R76	*D8	S3	A2		
R77	*D7				
R78	*D7	TP1	K4		
R79	*E8	TP2	K4		
R80	C7	TP3	K5		
R81	*F8	TP4	B1		
R82	*D8				
R83	*E8	X1	F4		
R84	*E8				
R85	*C3	*:B SIDE			
R86	*E8				
R87	F7				
R88	*F8				
R89	*F8				
R90	*E8				
R91	*B6				
R92	*E8				
R94	*B8				
R95	*A6				
R96	*B6				
R97	*B5				
R98	*C3				
R99	*E6				
R100	*D3				
R101	*D3				
R103	*A7				
R104	*F8				
R105	*F8				
R106	*H8				
R107	*H8				
R110	*C3				
R111	*C3				
R112	F7				
R113	F7				
R114	J5				
R115	J5				
R116	*A4				
R117	F5				
R118	F4				
R120	*F3				
R121	*E3				
R122	*A5				
R123	*E7				
R124	*E7				
R125	*E8				
R126	F7				
R128	*H4				
R129	*H4				
R130	*H4				
R131	*H4				
R132	*D7				
R133	*E7				
R134	*D7				

CN-1787 (1-677-810-11)

C1	*A1	FL119	A2
C2	*A2	FL120	A2
C3	*A2	FL121	*B3
C4	*A1	FL122	*B3
C5	*A2	FL123	*B3
C6	*A2	FL124	*B3
C7	*B3	FL125	*B3
C8	*B3	FL126	*A3
C9	*B3	FL127	B2
C10	*B2	FL128	B3
C11	A2	FL129	B3
C12	A2	FL130	B3
C13	*B2	FL131	*B3
C14	*A1	FL132	*B3
C15	*A1	FL133	*B3
C16	*A1	FL134	*B3
C17	*B1	FL135	B3
C18	*B1	FL136	B3
C19	A3	FL137	*A3
C101	*B3	FL138	*A3
C102	*B3	FL139	B2
C103	*B3	FL140	A2
C104	*B2	FL141	B2
C105	*B2	FL142	B2
C106	*B2	FL143	A3
C107	*B2	FL144	A2
C108	*B2	FL145	A2
C109	*B2	FL146	A2
		FL147	A2
CN1	A3	FL148	A2
CN2	A3	FL149	A2
CN3	*B1	FL150	A2
CN4	B2	FL152	*A3
CN5	B2	FL153	*A3
CN6	*A2	FL154	A3
		FL155	*A3
FL1	B3	FL156	*A3
FL2	*B3	FL157	*A3
FL3	B3	FL158	*A3
FL4	B3	FL159	*A3
FL5	B3	FL160	*A3
FL6	B3	FL161	*A3
FL7	B3	FL162	*A3
FL8	B3	FL163	*A3
FL9	B3	FL164	*A3
FL10	B3		
FL11	B3	IC1	A2
FL12	*B3	IC2	A2
FL13	B3	IC3	*B2
FL14	*B3	IC4	*B3
FL15	B3	IC5	*B3
FL16	*B3	IC6	A2
FL17	B3	IC7	A2
FL18	*B3	IC8	*B2
FL19	B3	IC9	*B2
FL20	*B3	IC10	*B1
FL21	*B3	IC11	*B1
FL22	*B3		
FL23	*B3	L1	*A1
FL24	*B3	L2	A1
FL25	*B3		
FL26	*B3	Q1	*A1
FL27	*B3		
FL28	*B3	R1	*A1
FL29	*B3	R2	*A1
FL30	*B3	R6	*A3
FL31	A3	R7	*A3
FL32	*A3	R8	*B1
FL33	A3	R9	*B1
FL34	*A3	R10	*B1
FL35	A3	R11	*B1
FL36	*A3	R12	*B1
FL37	A3	R13	*B1
FL38	*A3	R14	A2
FL39	A3	R15	A2
FL40	*A3	R16	*B2
FL41	B3	R17	*B2
FL45	*A3	R30	A2
FL46	*A3	R31	A2
FL49	A3	R38	A2
FL56	A3	R39	A2
FL105	*A3		
FL106	*A3	RB1	A1
FL107	*A3	RB2	A2
FL108	*A3		
FL109	*A3	*:B SIDE	
FL110	*A3		
FL111	*A3		
FL112	*A3		
FL113	*A3		
FL114	*A3		
FL118	A2		

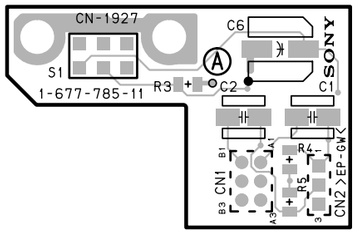


CN-1787 -A SIDE-
SUFFIX: -11

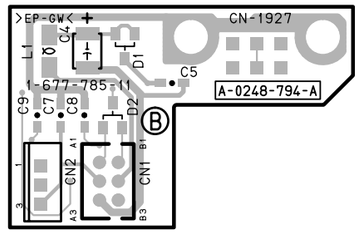


CN-1787 -B SIDE-
SUFFIX: -11

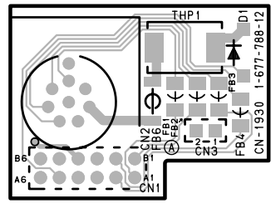
CN-1927, CN-1928, CN-1929, CN-1930, CN-2045, CN-2095



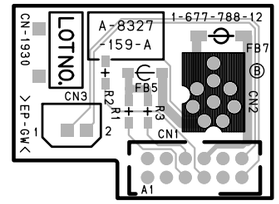
CN-1927 -A SIDE-
SUFFIX: -11



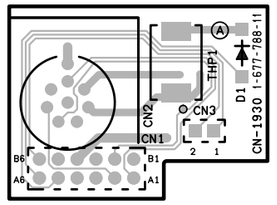
CN-1927 -B SIDE-
SUFFIX: -11



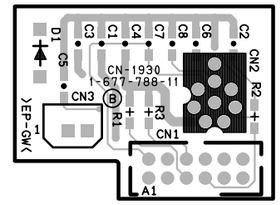
CN-1930 -A SIDE-
SUFFIX: -12



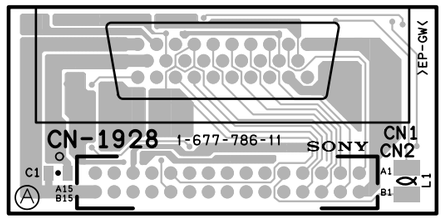
CN-1930 -B SIDE-
SUFFIX: -12



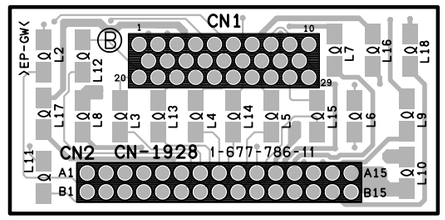
CN-1930 -A SIDE-
SUFFIX: -11



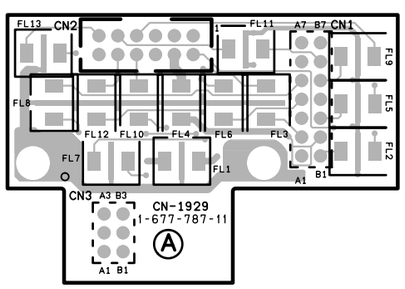
CN-1930 -B SIDE-
SUFFIX: -11



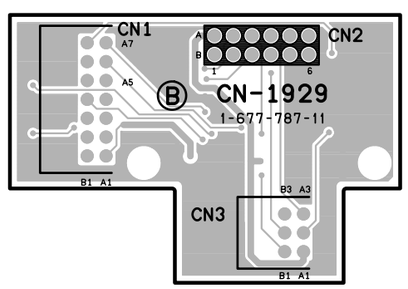
CN-1928 -A SIDE-
SUFFIX: -11



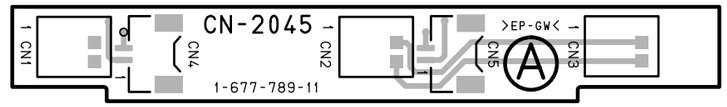
CN-1928 -B SIDE-
SUFFIX: -11



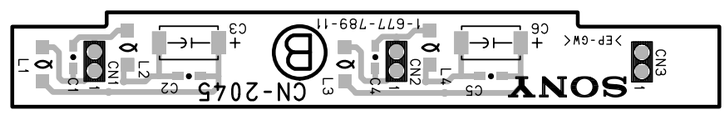
CN-1929 -A SIDE-
SUFFIX: -11



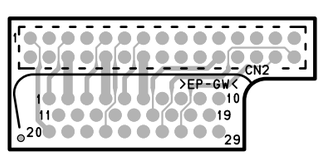
CN-1929 -B SIDE-
SUFFIX: -11



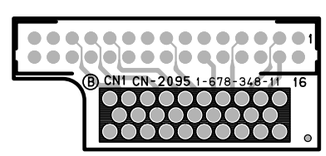
CN-2045 -A SIDE-
SUFFIX: -11



CN-2045 -B SIDE-
SUFFIX: -11



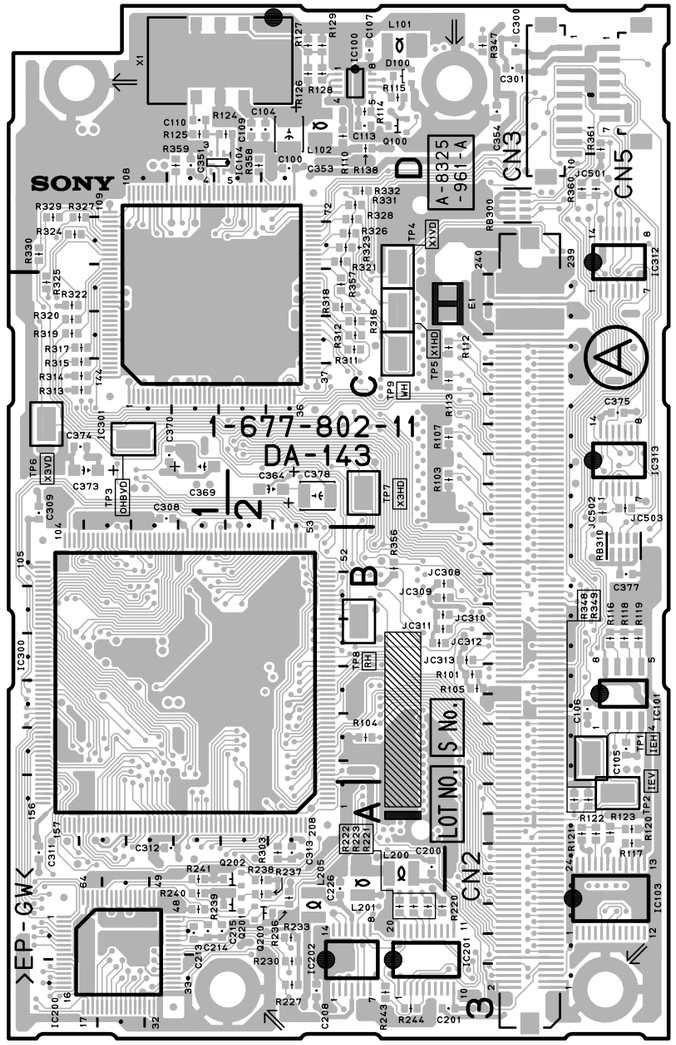
CN-2095 -A SIDE-
SUFFIX: -11



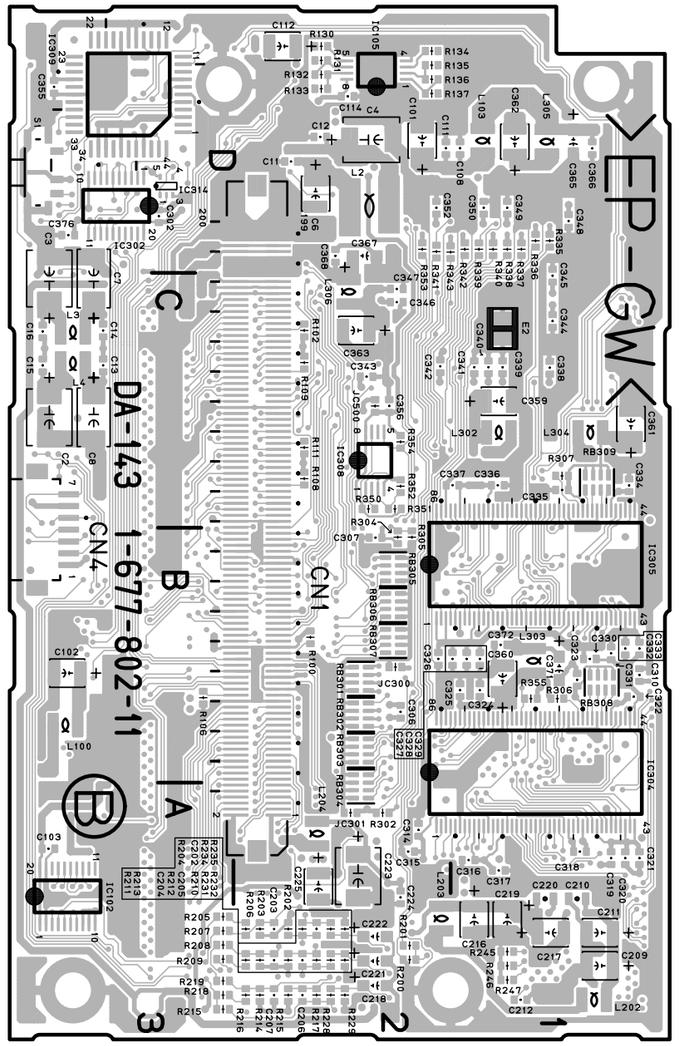
CN-2095 -B SIDE-
SUFFIX: -11

DA-143 (1-677-802-11)

C2	*C3	C341	*C1	L204	*A2
C3	*C3	C342	*C2	L205	A2
C4	*D2	C343	*C2	L302	*C1
C6	*D2	C344	*C1	L303	*B1
C7	*C3	C345	*C1	L304	*C1
C8	*C3	C346	*C2	L305	*D1
C11	*D2	C347	*C2	L306	*C2
C12	*D2	C348	*D1		
C13	*C3	C349	*D1	Q100	D2
C14	*C3	C350	*D1	Q200	A2
C15	*C3	C351	D1	Q201	A2
C16	*C3	C352	*D2	Q202	A2
C100	D2	C353	D2		
C101	*D2	C354	D3	R100	*B2
C102	*B3	C355	*D3	R101	B3
C103	*A3	C356	*C2	R102	*C2
C104	D2	C359	*C1	R103	C3
C105	B3	C360	*B1	R104	B2
C106	B3	C361	*C1	R105	B3
C107	D2	C362	*D1	R106	*B3
C108	*D1	C363	*C2	R107	C3
C109	D2	C364	C2	R108	*C2
C110	D1	C365	*D1	R109	*C2
C111	*D2	C366	*D1	R110	D2
C112	*D2	C367	*D2	R111	*C2
C113	D2	C368	*D2	R112	C3
C114	*D2	C369	C1	R113	C3
C200	A2	C370	C1	R114	D2
C201	A3	C371	*B1	R115	D2
C202	*A2	C372	*B1	R116	B3
C203	*A2	C373	C1	R117	A3
C204	*A2	C374	C1	R118	B3
C205	*A2	C375	C3	R119	B3
C206	*A2	C376	*D3	R120	A3
C207	*A2	C377	B3	R121	A3
C208	A2	C378	C2	R122	A3
C209	*A1			R123	A3
C210	*A1	CN1	*C2	R124	D1
C211	*A1	CN2	B3	R125	D1
C212	*A1	CN3	D3	R126	D2
C213	A1	CN4	*B3	R127	D2
C214	A1	CN5	D3	R128	D2
C215	A1			R129	D2
C216	*A1	D100	D2	R130	*D2
C217	*A1			R131	*D2
C218	*A2	E1	C3	R132	*D2
C219	*A1	E2	*C1	R133	*D2
C220	*A1			R134	*D2
C221	*A2	IC100	D2	R135	*D2
C222	*A2	IC101	B3	R136	*D2
C223	*A2	IC102	*A3	R137	*D2
C224	*A2	IC103	A3	R138	D2
C225	*A2	IC104	D1	R200	*A2
C226	A2	IC105	*D2	R201	*A2
C300	D3	IC200	A1	R202	*A2
C301	D3	IC201	A2	R203	*A2
C302	*D3	IC202	A2	R204	*A2
C306	*B2	IC300	B1	R205	*A3
C307	*B2	IC301	C1	R206	*A2
C308	C1	IC302	*D3	R207	*A3
C309	C1	IC304	*A2	R208	*A3
C310	*B1	IC305	*B2	R209	*A3
C311	A1	IC308	*C2	R210	*A2
C312	A1	IC309	*D3	R211	*A2
C313	A2	IC312	C3	R212	*A2
C314	*A2	IC313	C3	R213	*A2
C315	*A2	IC314	*D3	R214	*A2
C316	*A1			R215	*A2
C317	*A1	JC300	*B2	R216	*A2
C318	*A1	JC301	*A2	R217	*A2
C319	*A1	JC308	B2	R218	*A3
C320	*A1	JC309	B2	R219	*A3
C321	*A1	JC310	B2	R220	A2
C322	*B1	JC311	B2	R221	A2
C323	*B1	JC312	B2	R222	A2
C324	*B1	JC313	B3	R223	A2
C325	*B1	JC500	*C2	R227	A2
C326	*B2	JC501	D3	R228	*A2
C327	*B1	JC502	C3	R229	*A2
C328	*B1	JC503	C3	R230	A2
C329	*B1			R231	*A2
C330	*B1	L2	*D2	R232	*A2
C331	*B1	L3	*C3	R233	A2
C332	*B1	L4	*C3	R234	*A2
C333	*B1	L100	*B3	R235	*A2
C334	*C1	L101	D2	R236	A2
C335	*C1	L102	D2	R237	A2
C336	*C1	L103	*D1	R238	A2
C337	*C1	L200	A2	R239	A1
C338	*C1	L201	A2	R240	A1
C339	*C1	L202	*A1	R241	A1
C340	*C1	L203	*A2	R242	*A3



DA-143 -A SIDE-
SUFFIX: -11



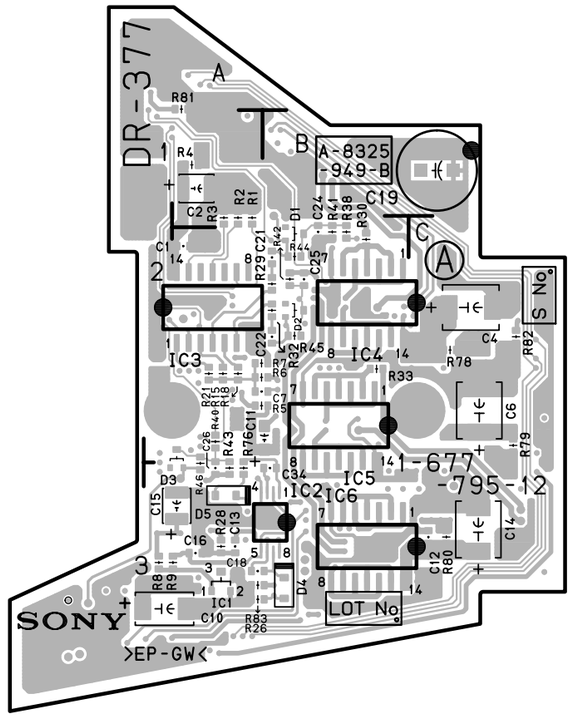
DA-143 -B SIDE-
SUFFIX: -11

R243	A2
R244	A2
R245	*A1
R246	*A1
R247	*A1
R302	*A2
R303	A2
R304	*B2
R305	*B2
R306	*B1
R307	*C1
R311	C2
R312	C2
R313	C1
R314	C1
R315	C1
R316	C2
R317	C1
R318	C2
R319	C1
R320	C1
R321	D2
R322	C1
R323	D2
R324	D1
R325	C1
R326	D2
R327	D1
R328	D2
R329	D1
R330	D1
R331	D2
R332	D2
R335	*D1
R336	*D1
R337	*D1
R338	*D1
R339	*D1
R340	*D1
R341	*D2
R342	*D1
R343	*D1
R347	D3
R348	A3
R349	A3
R350	*C2
R351	*C2
R352	*C2
R353	*D2
R354	*C2
R355	*B1
R356	B2
R357	C2
R358	D2
R359	D1
R360	D3
R361	D3
RB300	D3
RB301	*B2
RB302	*B2
RB303	*B2
RB304	*A2
RB305	*B2
RB306	*B2
RB307	*B2
RB308	*B1
RB309	*C1
RB310	B3
S1	*D3
TP1	B3
TP2	A3
TP3	C1
TP4	D2
TP5	C2
TP6	C1
TP7	C2
TP8	B2
TP9	C2
X1	D1

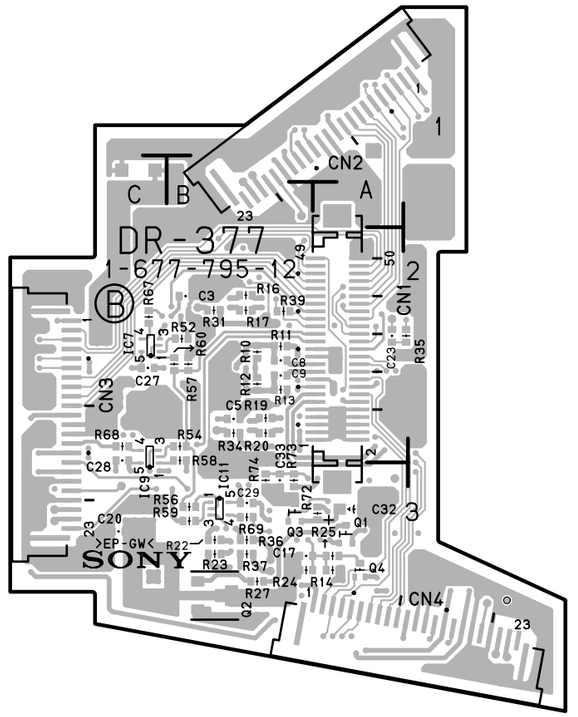
*:B SIDE

DR-377 (1-677-795-12)

C1	A2	D1	B2	R17	*B2	R67	*C2
C2	A1	D2	B2	R18	A2	R68	*C2
C3	*B2	D3	A2	R19	*B2	R69	*B3
C4	C2	D4	B3	R20	*B2	R72	*A3
C5	*B2	D5	A3	R21	A2	R73	*B3
C6	C2			R22	*B3	R74	*B3
C7	A2	IC1	A3	R23	*B3	R76	A3
C8	*B2	IC2	B3	R24	*B3	R78	C2
C9	*B2	IC3	A2	R25	*A3	R79	C2
C10	A3	IC4	B2	R26	A3	R80	C3
C11	B2	IC5	B2	R27	*B3	R81	A1
C12	C3	IC6	B3	R28	A3	R82	C2
C13	A3	IC7	*C2	R29	B2	R83	A3
C14	C3	IC9	*C2	R30	B2		
C15	A3	IC11	*B3	R31	*B2	*:B SIDE	
C16	A3			R32	B2		
C17	*B3	Q1	*A3	R33	B2		
C18	A3	Q2	*B3	R34	*B2		
C19	C1	Q3	*B3	R35	*A2		
C20	*C3	Q4	*A3	R36	*B3		
C21	B2			R37	*B3		
C22	B2	R1	A1	R38	B2		
C23	*A2	R2	A1	R39	*B2		
C24	B2	R3	A1	R40	A2		
C25	B2	R4	A1	R41	B2		
C26	A3	R5	A2	R42	B2		
C27	*C2	R6	A2	R43	A3		
C28	*C2	R7	A2	R44	B2		
C29	*B3	R8	A3	R45	B2		
C32	*A3	R9	A3	R46	A3		
C33	*B3	R10	*B2	R52	*B2		
C34	B3	R11	*B2	R54	*B2		
		R12	*B2	R56	*B3		
CN1	*A2	R13	*B2	R57	*B2		
CN2	*B1	R14	*A3	R58	*B2		
CN3	*C2	R15	A2	R59	*B3		
CN4	*A3	R16	*B2	R60	*B2		



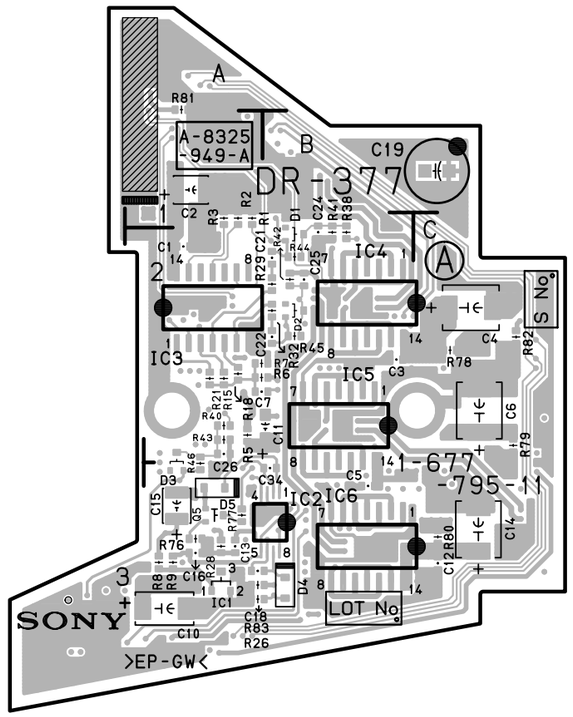
DR-377 -A SIDE-
SUFFIX: -12



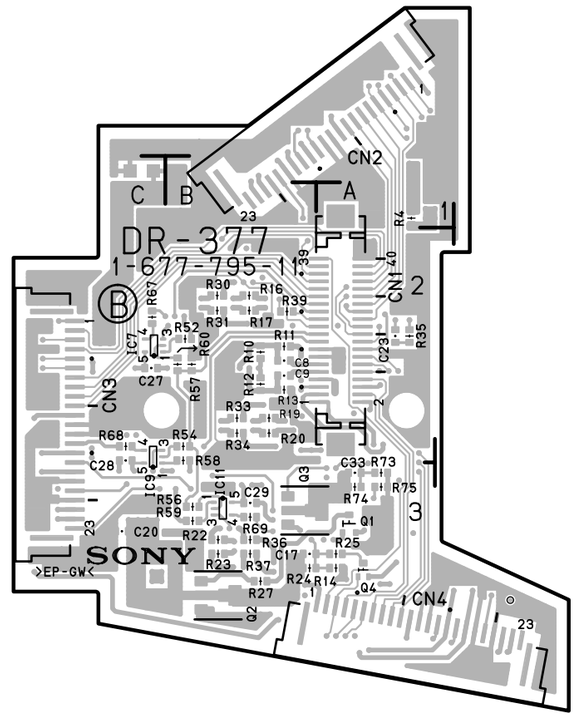
DR-377 -B SIDE-
SUFFIX: -12

DR-377 (1-677-795-11)

C1	A2	D1	B2	R16	*B2	R60	*B2
C2	A1	D2	B2	R17	*B2	R67	*C2
C3	B2	D3	A2	R18	A2	R68	*C2
C4	C2	D4	B3	R19	*B2	R69	*B3
C5	B3	D5	A3	R20	*B2	R73	*A3
C6	C2			R21	A2	R74	*A3
C7	A2	IC1	A3	R22	*B3	R75	*A3
C8	*B2	IC2	B3	R23	*B3	R76	A3
C9	*B2	IC3	A2	R24	*B3	R77	A3
C10	A3	IC4	B2	R25	*A3	R78	C2
C11	B2	IC5	B2	R26	A3	R79	C2
C12	C3	IC6	B3	R27	*B3	R80	C3
C13	A3	IC7	*C2	R28	A3	R81	A1
C14	C3	IC9	*C2	R29	B2	R82	C2
C15	A3	IC11	*B3	R30	*B2	R83	A3
C16	A3			R31	*B2		
C17	*B3	Q1	*A3	R32	B2	*:B SIDE	
C18	A3	Q2	*B3	R33	*B2		
C19	C1	Q3	*B3	R34	*B2		
C20	*C3	Q4	*A4	R35	*A2		
C21	B2	Q5	A3	R36	*B3		
C22	B2			R37	*B3		
C23	*A2	R1	A1	R38	B2		
C24	B2	R2	A1	R39	*B2		
C25	B2	R3	A1	R40	A2		
C26	A2	R4	*A1	R41	B2		
C27	*C2	R5	A2	R42	B2		
C28	*C2	R6	A2	R43	A2		
C29	*B3	R7	A2	R44	B2		
C33	*A3	R8	A3	R45	B2		
C34	B3	R9	A3	R46	A3		
		R10	*B2	R52	*B2		
CN1	*A2	R11	*B2	R54	*B2		
CN2	*B1	R12	*B2	R56	*B3		
CN3	*C2	R13	*B2	R57	*B2		
CN4	*A3	R14	*A3	R58	*B2		
		R15	A2	R59	*B3		



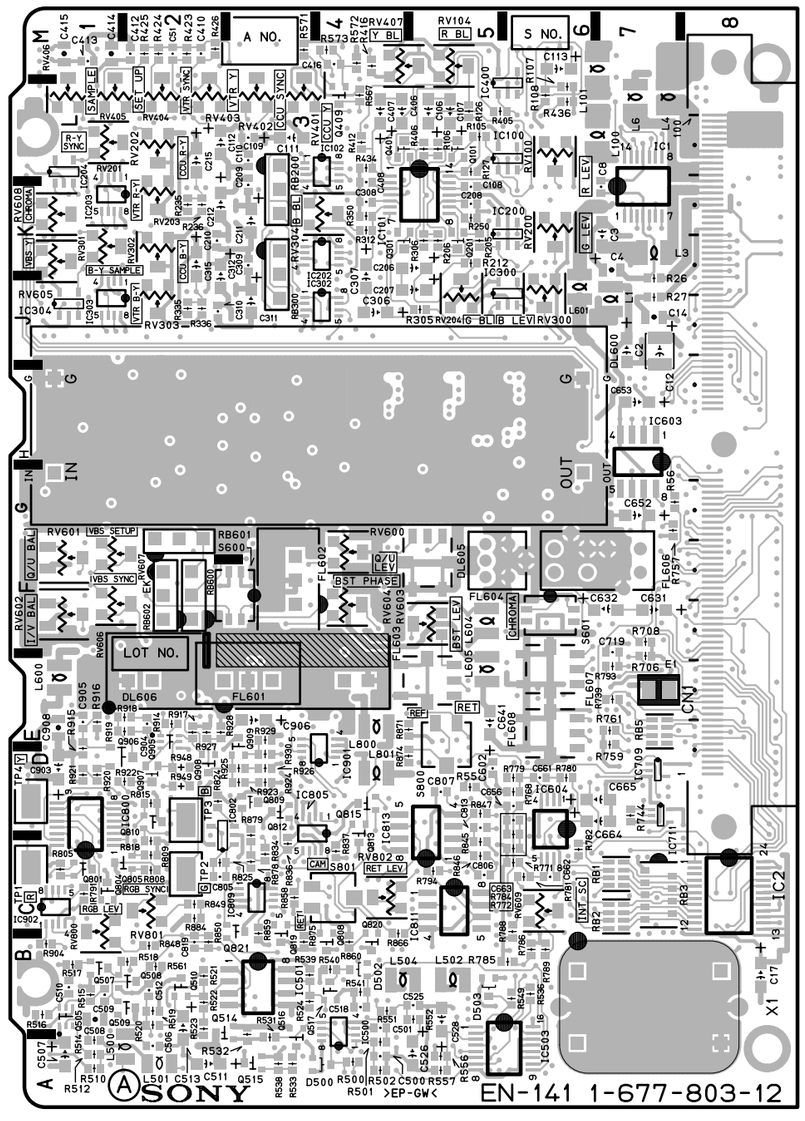
DR-377 -A SIDE-
SUFFIX: -11



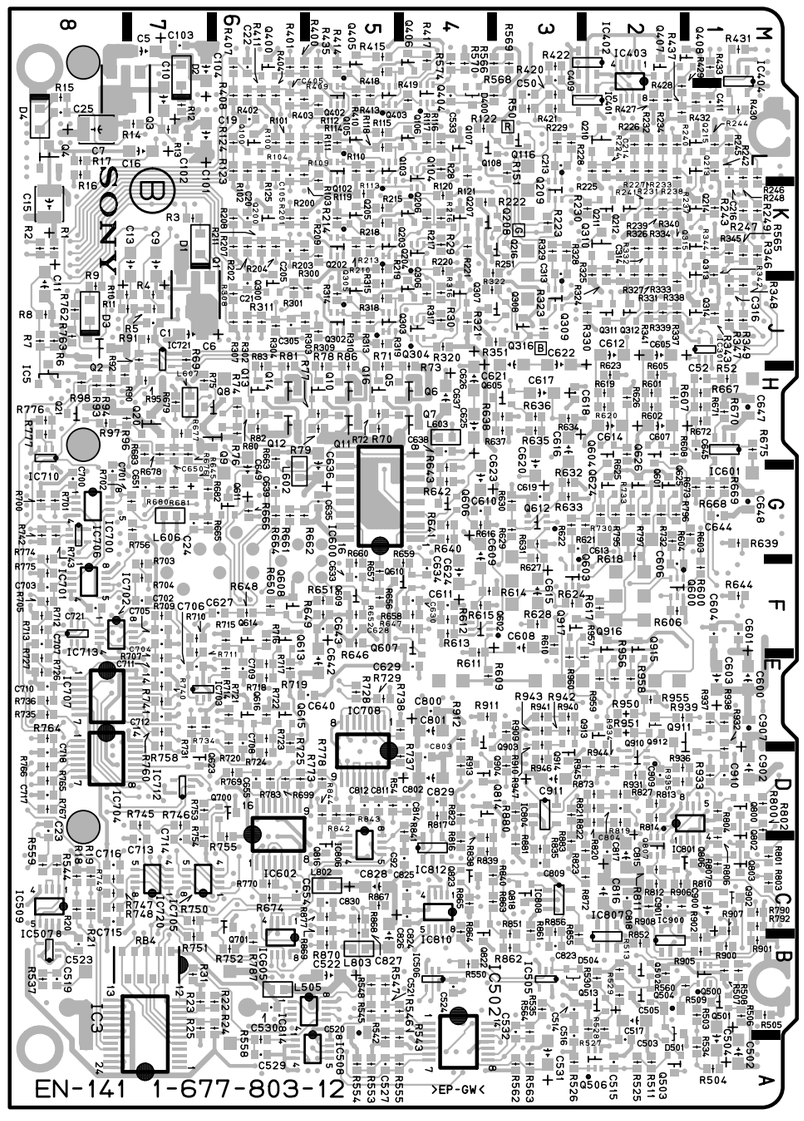
DR-377 -B SIDE-
SUFFIX: -11

EN-141 (1-677-803-12)

C1	*J7	C515	*A2
C2	J7	C516	*A3
C3	K7	C517	*B2
C4	K7	C518	B4
C5	*M7	C519	*B8
C6	*J7	C520	*B5
C7	*L8	C521	*B5
C8	K7	C522	*B5
C9	*K7	C523	*B8
C10	*L7	C524	*B4
C11	*J8	C525	B5
C12	J7	C526	A5
C13	*K7	C527	*A5
C14	J7	C528	B5
C15	*K8	C529	*A6
C16	*L7	C530	*B6
C17	B8	C531	*A3
C19	*L6	C532	*B3
C20	*K6	C533	*L4
C21	*J6	C600	*E1
C22	*M6	C601	*F1
C23	*D8	C602	D5
C24	*G7	C603	*E1
C25	*L8	C604	*F1
C50	*L3	C605	*J2
C51	M2	C606	*F2
C52	*H1	C607	*H2
C92	*C4	C608	*F3
C101	*L7	C609	*G4
C102	*L7	C610	*G4
C103	*M7	C611	*F4
C104	*M7	C612	*J2
C105	*L6	C613	*G3
C106	L5	C614	*H2
C107	L5	C615	*F3
C108	K5	C616	*H3
C109	L3	C617	*H3
C110	L3	C618	*H3
C111	L3	C619	*G3
C112	L2	C620	*H3
C113	M6	C621	*J3
C205	*K6	C622	*J3
C206	K5	C623	*G4
C207	J5	C624	*F4
C208	K5	C625	*H4
C209	K3	C626	*H4
C210	K2	C627	*F6
C211	K3	C628	*F5
C212	K2	C629	*E4
C213	*L3	C630	*F4
C214	*L2	C631	F7
C215	L2	C632	F7
C216	*L1	C633	*F5
C305	*J6	C634	*F4
C306	J4	C635	*G5
C307	J4	C636	*G5
C308	K4	C637	*H4
C309	K3	C638	*H4
C310	J2	C639	*G6
C311	J3	C640	*E5
C312	J2	C641	E5
C313	*K3	C642	*E5
C314	*K2	C643	*F5
C315	K2	C644	*G1
C316	*J1	C645	*H1
C405	*L6	C647	*H1
C406	L4	C648	*G1
C407	L4	C649	*G6
C408	K4	C650	*H7
C409	*M3	C651	*G7
C410	M2	C652	G7
C411	*L1	C653	H7
C412	M2	C654	*C6
C413	M1	C655	*D6
C414	M1	C656	D6
C415	M1	C661	D6
C416	M4	C662	C6
C500	A4	C663	D6
C501	B4	C664	D7
C502	*A1	C665	D7
C503	*A2	C700	*G8
C504	*A1	C701	*G8
C505	*B2	C702	*F7
C506	A2	C703	*F8
C507	A1	C704	*F7
C508	B1	C705	*F7
C509	B1	C706	*E7
C510	B1	C707	*F8
C511	A2	C708	*E6
C512	B2	C709	*E6
C513	B2	C710	*E8
C514	*B3	C711	*E7



EN-141 -A SIDE-
SUFFIX: -12



EN-141 -B SIDE-
SUFFIX: -12

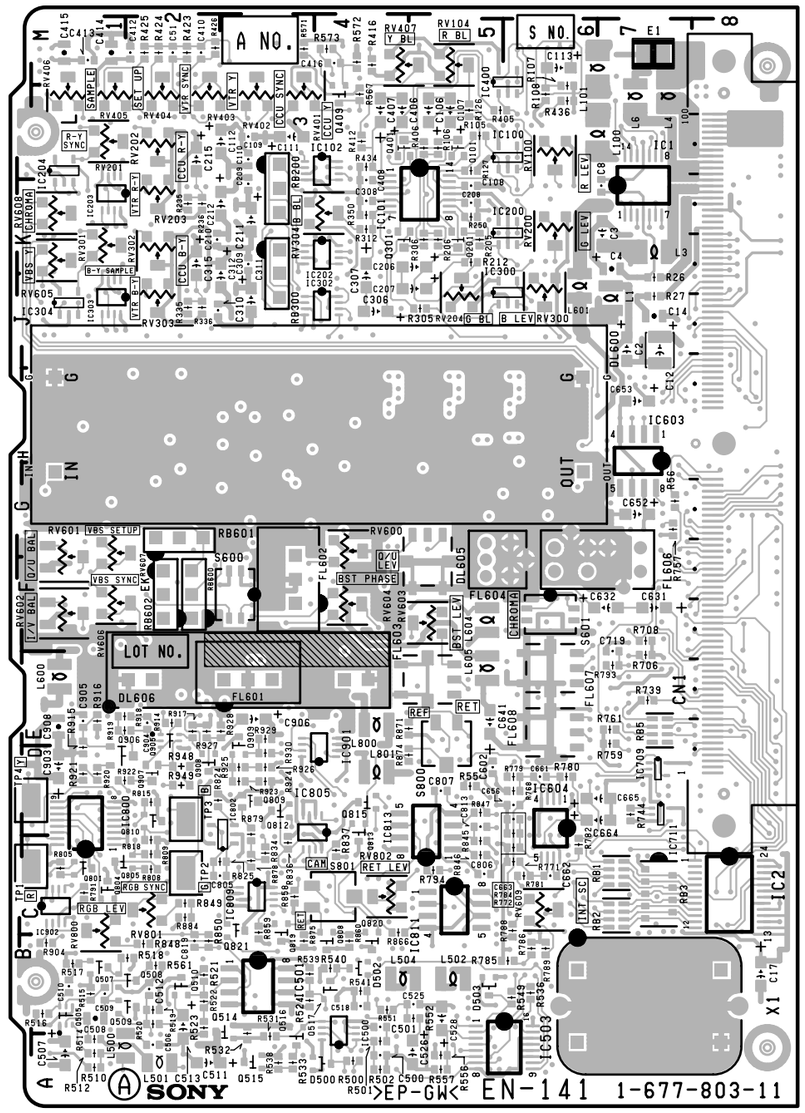
C712	*E7	IC401	*L2
C713	*C7	IC402	*M2
C714	*C7	IC403	*M2
C715	*C8	IC404	*M1
C716	*C8	IC500	B4
C717	*D8	IC501	B3
C718	*D8	IC502	*B4
C719	F7	IC503	B5
C721	*F8	IC505	*B3
C800	*E4	IC506	*B4
C801	*E4	IC507	*B8
C802	*D4	IC508	*A5
C803	*D4	IC509	*C8
C804	*D2	IC600	*G4
C805	C2	IC601	*H1
C806	C5	IC602	*C6
C807	D5	IC603	H7
C809	*C3	IC604	D6
C811	*D5	IC605	*B6
C812	*D5	IC700	*G8
C813	D5	IC701	*F8
C814	*D4	IC702	*F8
C815	*C2	IC703	*E7
C816	*C2	IC704	*E8
C817	*C2	IC705	*C7
C818	*C2	IC706	*G8
C819	B2	IC707	*E8
C823	*B3	IC708	*E5
C824	*C4	IC709	D7
C825	*C4	IC710	*H8
C826	*B5	IC711	D7
C827	*C5	IC712	*D7
C828	*C5	IC713	*F8
C829	*D4	IC720	*C7
C830	*C5	IC721	*J7
C900	*C1	IC800	C1
C901	*C2	IC801	*D1
C902	*D1	IC802	C2
C903	D1	IC804	*D3
C904	E2	IC805	D3
C905	E1	IC806	*C5
C906	E3	IC807	*B2
C907	*E1	IC808	*C3
C908	E1	IC809	C3
C909	*D2	IC810	*C4
C910	*D1	IC811	C5
C911	*D3	IC812	*C4
		IC813	C5
CN1	H8	IC814	*B5
		IC900	*B2
D1	*K7	IC901	D4
D2	*M7	IC902	C1
D3	*J8		
D4	*L8	L1	J7
D400	*L4	L3	K7
D500	A4	L4	L7
D501	*B2	L6	L7
D502	B4	L100	L7
D503	B5	L101	M7
D504	*B3	L500	A2
		L501	A2
DL600	H4	L502	B5
DL605	F5	L504	B4
DL606	E3	L505	*B6
		L600	E1
E1	E7	L601	J6
		L602	*G6
FL601	E3	L603	*H4
FL602	F3	L604	F5
FL603	E5	L605	E5
FL604	F6	L606	*G7
FL606	F7	L607	*H7
FL607	E6	L800	E4
FL608	E6	L801	D4
		L802	*C5
IC1	K7	L803	*B5
IC2	C8		
IC3	*A7	Q1	*J7
IC5	*H8	Q2	*J8
IC100	L6	Q3	*L8
IC101	L4	Q4	*L8
IC102	L4	Q5	*H5
IC200	K6	Q6	*H4
IC202	K4	Q7	*H4
IC203	K1	Q8	*H6
IC204	L1	Q9	*H6
IC300	J6	Q10	*H5
IC301	*J1	Q11	*H5
IC302	J4	Q12	*H6
IC303	J1	Q13	*H6
IC304	J1	Q14	*H6
IC400	L6	Q16	*H5

(Continued to next page.)

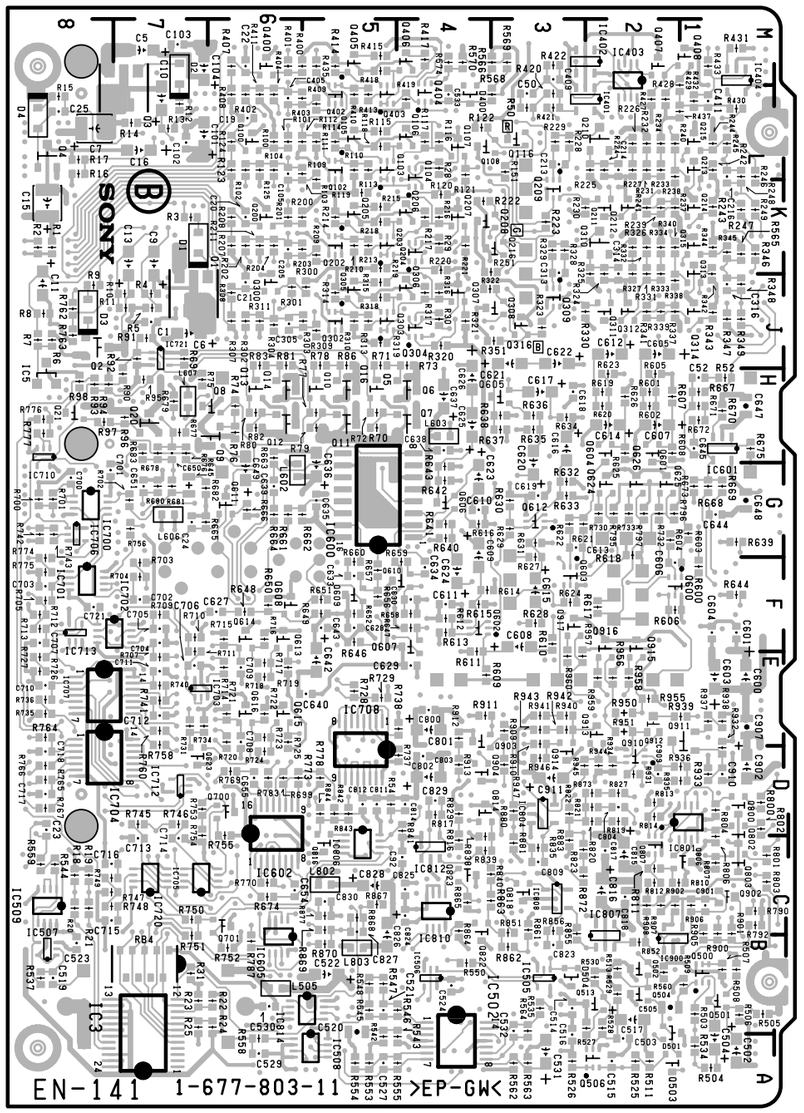
Q20	*H7	Q626	*G2	R83	*H6	R300	*J5	R502	A4	R619	*H2	R729	*E5	R823	*C2	R942	*E3
Q21	*H8	Q700	*D6	R86	*H5	R301	*J6	R503	*B1	R620	*H2	R730	*G2	R824	D2	R943	*E3
Q100	*L6	Q701	*C6	R90	*H8	R302	*J6	R504	*A1	R621	*G2	R731	*E7	R825	C2	R944	*D2
Q101	L5	Q800	*D1	R91	*J7	R303	*J5	R505	*B1	R622	*G3	R732	*G2	R827	*D2	R945	*D2
Q102	*L5	Q801	C1	R92	*J7	R304	*J6	R506	*B1	R623	*H2	R733	*G2	R829	*D4	R946	*D3
Q103	*L5	Q802	*C1	R93	*H8	R305	J5	R507	*B1	R624	*F3	R734	*E7	R834	C3	R947	*E3
Q104	*L4	Q803	*C1	R94	*H8	R306	K5	R508	*B1	R625	*H2	R735	*E8	R835	*C3	R948	D2
Q105	*L5	Q804	C1	R95	*H7	R307	*J6	R509	*B1	R626	*H2	R736	*E8	R836	C3	R949	D2
Q106	*L4	Q805	C2	R96	*H7	R308	*J6	R510	A1	R627	*G3	R737	*D4	R837	C4	R950	*E2
Q107	*L4	Q806	*C1	R97	*H8	R309	*J5	R511	*A2	R628	*F3	R738	*E4	R838	*C4	R951	*E2
Q108	*L4	Q807	*C2	R98	*H8	R310	*J5	R512	A1	R629	*G3	R739	E7	R839	*C4	R955	*E2
Q116	*L3	Q808	B4	R100	*L6	R311	*J6	R513	*B2	R630	*G3	R740	*E7	R840	*C3	R956	*E2
Q200	*K6	Q809	D3	R101	*L6	R312	K4	R514	A1	R631	*G3	R741	*E7	R841	*D4	R957	*E2
Q201	K5	Q810	D2	R102	*L6	R313	*J5	R515	B1	R632	*G3	R742	*G8	R842	*D5	R958	*E2
Q202	*K5	Q812	D3	R103	*L6	R314	*J5	R516	B1	R633	*G3	R743	*G8	R843	*D5	R959	*E2
Q203	*K5	Q813	D4	R104	*L6	R315	*J5	R517	B1	R634	*H3	R744	D7	R844	*D5	R960	*E3
Q204	*K4	Q814	*D4	R105	L5	R316	*J4	R518	B2	R635	*H3	R745	*D7	R845	C5		
Q205	*K5	Q815	D4	R106	L5	R317	*J4	R519	B2	R636	*H3	R746	*D7	R846	C5	RB1	C7
Q206	*K4	Q816	*C5	R107	L6	R318	*J5	R520	B2	R637	*H3	R747	*C8	R847	D5	RB2	C7
Q207	*K4	Q818	*C3	R108	L6	R319	*J5	R521	B2	R638	*H3	R748	*C8	R848	B2	RB3	C7
Q208	*K4	Q819	B3	R109	*L5	R320	*J4	R522	B2	R639	*G1	R749	*C8	R849	C2	RB4	*B7
Q209	*K3	Q820	B4	R110	*L5	R321	*J4	R523	B2	R640	*G4	R750	*C7	R850	B2	RB5	E7
Q210	*L2	Q821	C3	R111	*L5	R322	*J3	R524	B3	R641	*G4	R751	*B7	R851	*B3	RB200	K3
Q211	*K2	Q822	*C4	R112	*L6	R323	*J3	R525	*A2	R642	*G4	R752	*B6	R852	*B2	RB300	K3
Q212	*K2	Q823	*C4	R113	*L5	R324	*K2	R526	*A3	R643	*G4	R753	*D7	R855	*B3	RB600	F2
Q213	*L1	Q902	*C1	R114	*L5	R325	*K2	R527	*B2	R644	*F1	R754	*C7	R856	*C3	RB601	G2
Q214	*K1	Q903	*E4	R115	*L5	R326	*K2	R528	*B2	R645	*G7	R755	*C6	R858	C3	RB602	F2
Q215	*L1	Q904	*D4	R116	*L4	R327	*K2	R529	*B2	R646	*F5	R756	*G7	R859	B3		
Q216	*K3	Q905	E2	R117	*L4	R328	*K3	R530	*B2	R647	*F4	R757	G7	R860	B4	RV100	L6
Q300	*J6	Q906	D1	R118	*L5	R329	*K3	R531	A3	R648	*F6	R758	*E7	R861	*C3	RV104	M5
Q301	K4	Q907	D2	R119	*K5	R330	*J2	R532	A3	R649	*F5	R759	E7	R862	*B3	RV200	K6
Q302	*J5	Q908	D2	R120	*K4	R331	*K2	R533	A3	R650	*F6	R760	*E7	R863	*C3	RV201	L1
Q303	*J5	Q909	D3	R121	*L4	R332	*K2	R534	*A1	R651	*F5	R761	E7	R864	*C4	RV202	L2
Q304	*J4	Q910	*D2	R122	*L4	R333	*K2	R535	*B3	R652	*F5	R762	*J8	R865	*C4	RV203	K2
Q305	*J5	Q911	*E1	R123	*L6	R334	*K2	R536	B6	R656	*F5	R763	*J8	R866	B4	RV204	J5
Q306	*J4	Q912	*E2	R124	*L6	R335	J2	R537	*B8	R657	*F5	R764	*E8	R867	*C5	RV300	J6
Q307	*J4	Q913	*E2	R125	*L6	R336	J2	R538	A3	R658	*F4	R765	*D8	R868	*C5	RV301	K1
Q308	*J3	Q914	*D3	R126	L5	R337	*J2	R539	B3	R659	*F4	R766	*D8	R869	*C5	RV302	K2
Q309	*J3	Q915	*F2	R127	L5	R338	*J2	R540	B4	R660	*F5	R767	*D8	R870	*B5	RV303	J2
Q310	*K2	Q916	*F2	R151	*L3	R339	*J2	R541	B4	R661	*G6	R768	D6	R871	E4	RV304	K4
Q311	*J2	Q917	*F3	R200	*K6	R340	*K2	R542	*A5	R662	*G6	R769	*D6	R872	*C2	RV401	L3
Q312	*J2			R201	*K6	R341	*J2	R543	*A4	R663	*H6	R770	*C6	R873	*D2	RV402	L3
Q313	*K1	R1	*K8	R202	*K6	R342	*K1	R544	*C8	R664	*G6	R771	C6	R874	D4	RV403	L2
Q314	*J1	R2	*K8	R203	*K6	R343	*J1	R545	*B5	R665	*G7	R772	C6	R875	B3	RV404	L2
Q315	*K1	R3	*K7	R204	*K6	R344	*K1	R546	*B4	R666	*G6	R773	*D6	R877	*C5	RV405	L1
Q316	*J3	R4	*J7	R205	K5	R345	*K1	R547	*B5	R667	*H1	R774	*F8	R878	C3	RV406	L1
Q400	*M6	R5	*J7	R206	K5	R346	*K1	R548	*B5	R668	*G1	R775	*F8	R879	C3	RV407	M4
Q401	L4	R6	*J8	R207	*K6	R347	*J1	R549	B6	R669	*G1	R776	*H8	R880	*D3	RV600	G4
Q402	*L5	R7	*J8	R208	*K6	R348	*J1	R550	*B4	R670	*H1	R777	*H8	R881	*C3	RV601	G1
Q403	*L5	R8	*J8	R209	*K5	R349	*J1	R551	B4	R671	*H1	R778	*D5	R883	*C3	RV602	F1
Q404	*L4	R9	*J8	R210	*K5	R350	K4	R552	B5	R672	*H1	R779	D6	R884	C2	RV603	F5
Q405	*M5	R10	*J7	R211	*K6	R351	*J3	R553	*A5	R673	*G1	R780	D6	R900	*B1	RV604	F4
Q406	*M4	R11	*J7	R212	K5	R400	*M6	R554	*A5	R674	*C6	R781	C6	R901	*B1	RV605	K1
Q407	*M2	R12	*L7	R213	*K5	R401	*M6	R555	*A4	R675	*H1	R782	C6	R902	*B1	RV606	F1
Q408	*M1	R13	*L7	R214	*K5	R402	*L6	R556	A5	R676	*H7	R783	*D6	R904	B1	RV607	G1
Q409	L4	R14	*L7	R215	*K5	R403	*L6	R557	A5	R677	*H7	R784	D6	R905	*B1	RV608	K1
Q500	*B1	R15	*L8	R216	*K4	R404	*L6	R558	*A6	R678	*H7	R785	B6	R906	*C2	RV609	C6
Q501	*B1	R16	*L8	R217	*K4	R405	L5	R559	*C8	R679	*H7	R786	B6	R907	*C1	RV800	C1
Q502	*B2	R17	*L8	R218	*K5	R406	L5	R560	*B2	R680	*G7	R787	*B6	R908	*C2	RV801	C2
Q503	*A2	R18	*C8	R219	*K5	R407	*M6	R561	B2	R681	*G7	R788	C6	R909	*E3	RV802	C4
Q504	*B2	R19	*C8	R220	*K4	R408	*L6	R562	*A3	R682	*G7	R789	B6	R910	*D3		
Q505	B1	R20	*C8	R221	*K4	R409	*L5	R563	*A3	R683	*H7	R790	*C1	R911	*E4	S600	F3
Q506	*A2	R21	*C8	R222	*K4	R410	*L5	R564	*B3	R699	*D6	R791	C1	R912	*E4	S601	F6
Q507	B1	R22	*B6	R223	*K3	R411	*L6	R565	*K1	R700	*G8	R792	*C1	R913	*D4	S800	E5
Q508	B2	R23	*B7	R224	*L2	R412	L4	R566	*M3	R701	*G8	R793	E7	R914	E2	S801	C4
Q509	B2	R24	*B6	R225	*L2	R413	*L5	R567	L4	R702	*G7	R794	C5	R915	D1		
Q510	B2	R25	*B7	R226	*L2	R414	*M5	R568	*L3	R703	*F7	R795	*G2	R916	E1	TP1	C1
Q513	*B2	R26	J7	R227	*L2	R415	*M5	R569	*M3	R704	*F7	R796	*G2	R917	E2	TP2	C2
Q514	B2	R27	J7	R228	*L3	R416	M4	R570	*M4	R705	*F8	R797	*G2	R918	E2	TP3	D2
Q515	A3	R28	*L4	R229	*L3	R417	*M4	R571	M3	R706	E7	R800	*D1	R919	E2	TP4	D1
Q516	A3	R29	*K4	R230	*K2	R418	*M5	R572	M4	R707	*E7	R801	*C1	R920	D1		
Q517	B4	R30	*J4	R231	*L2	R419	*L4	R573	M4	R708	F7	R802	*D1	R921	D1	X1	B7
Q600	*F2	R31	*B7	R232	*L2	R420	*L3	R574	*M4	R709	*F7	R803	*C1	R922	D2		
Q601	*H2	R50	*L3	R233	*L2	R421	*L3	R600	*F1	R710	*F7	R804	*D1	R923	D3	*:B SIDE	
Q602	*F4	R52	*H1	R234	*L2	R422	*M3	R601	*H2	R711	*F7	R805	C1	R924	D3		
Q603	*F3	R54	*D5	R235	K2	R423	M2	R602	*H2	R712	*F8	R806	*C1	R925	D3		
Q604	*H2	R55	D5	R236	K2	R424	M2	R603	*G1	R713	*F8	R807	*C1	R926	D3		
Q605	*H3	R56	G7	R237	*K2	R425	M2	R604	*G2	R714	*E6	R808	C2	R927	E2		
Q606	*G4	R69	*J7	R238	*L2	R426	M2	R605	*H2	R715	*F6	R809	C2	R928	E2		
Q607	*F4	R70	*H5	R239	*K2	R427	*L2	R606	*F2	R716	*F6	R810	*C2	R929	E3		
Q608	*F6	R71	*H5	R240	*L2	R428	*L2	R607	*H2	R717	*E6	R811	*C2	R930	D3		
Q609	*F5	R72	*H5	R241	*K2	R429	*L2	R608	*H2	R718	*E6	R812	*C2	R931	*D2		
Q610	*F4	R73	*H4	R242	*L1	R430	*L1	R609	*E4	R719	*E6	R813	*D2	R932	*D1		
Q611	*G6	R74	*H6	R243	*K1	R431	*M1	R610	*F3	R720	*E6	R814	*D2	R933	*D1		
Q612	*G3	R75	*H7	R244	*L1	R432	*L1	R611	*F4	R721	*E6	R815	D2	R934	*D2		
Q613	*F6	R76	*H6	R245	*L1	R433	*M1	R612	*F4	R722	*E6	R816	*C4	R935	*D2		
Q614	*F6	R77	*H5	R246	*L1	R434	L4	R613	*F4	R723	*E6	R817	*D4	R936	*D2		
Q615	*E6	R78	*H5	R247	*K1	R435	*M5	R614	*F4	R724	*D6	R818	C2	R937	*E1		
Q616	*E6	R79	*H5	R248	*L1	R436	L6	R615	*F4	R725	*E6	R819	*D2	R938	*E1		
Q623	*D7	R80	*H6	R249	*K1	R437	*L2	R616	*G4	R726	*E8	R820	*D2	R939	*E2		
Q624	*G2	R81	*H6	R250	K5	R500	A4	R617	*F2	R727	*E8	R821	*D2	R940	*E3		
Q625	*G2	R82	*H6	R251	*K3	R501	A4	R618	*G2	R728	*E5	R822	*D3	R941	*E3		

EN-141 (1-677-803-11)

C1	*J7	C515	*A2
C2	J7	C516	*A3
C3	K7	C517	*B2
C4	K7	C518	B4
C5	*M7	C519	*B8
C6	*J7	C520	*B5
C7	*L8	C521	*B5
C8	K7	C522	*B5
C9	*K7	C523	*B8
C10	*L7	C524	*B4
C11	*J8	C525	B5
C12	J7	C526	A5
C13	*K7	C527	*A5
C14	J7	C528	B5
C15	*K8	C529	*A6
C16	*L7	C530	*B6
C17	B8	C531	*A3
C19	*L6	C532	*B3
C20	*K6	C533	*L4
C21	*J6	C600	*E1
C22	*M6	C601	*F1
C23	*D8	C602	D5
C24	*G7	C603	*E1
C25	*L8	C604	*F1
C50	*L3	C605	*J2
C51	M2	C606	*F2
C52	*H1	C607	*H2
C92	*C4	C608	*F3
C101	*L7	C609	*G4
C102	*L7	C610	*G4
C103	*M7	C611	*F4
C104	*M7	C612	*J2
C105	*L6	C613	*G3
C106	L5	C614	*H2
C107	L5	C615	*F3
C108	K5	C616	*H3
C109	L3	C617	*H3
C110	L3	C618	*H3
C111	L3	C619	*G3
C112	L3	C620	*H3
C113	M6	C621	*J3
C205	*K6	C622	*J3
C206	K5	C623	*G4
C207	J5	C624	*F4
C208	K5	C625	*H4
C209	K3	C626	*H4
C210	K2	C627	*F6
C211	K3	C628	*F5
C212	K3	C629	*E4
C213	*L3	C630	*F4
C214	*L2	C631	F7
C215	L2	C632	F7
C216	*L1	C633	*F5
C305	*J6	C634	*F4
C306	J4	C635	*G5
C307	J4	C636	*G5
C308	K4	C637	*H4
C309	K3	C638	*H4
C310	J2	C639	*G6
C311	J3	C640	*E5
C312	J3	C641	E5
C313	*K3	C642	*E5
C314	*K2	C643	*F5
C315	K2	C644	*G1
C316	*J1	C645	*H1
C405	*L6	C647	*H1
C406	L4	C648	*G1
C407	L4	C649	*G6
C408	K4	C650	*H7
C409	*M3	C651	*G7
C410	M2	C652	G7
C411	*L1	C653	H7
C412	M2	C654	*C6
C413	M1	C655	*D6
C414	M1	C656	D6
C415	M1	C661	D6
C416	M4	C662	C6
C500	A4	C663	D6
C501	B4	C664	D7
C502	*A1	C665	D7
C503	*A2	C700	*G8
C504	*A1	C701	*G8
C505	*B2	C702	*F7
C506	A2	C703	*F8
C507	A1	C704	*F7
C508	B1	C705	*F7
C509	B1	C706	*E7
C510	B1	C707	*F8
C511	A2	C708	*E6
C512	B2	C709	*E6
C513	B2	C710	*E8
C514	*B3	C711	*E7



EN-141 -A SIDE-
SUFFIX: -11



EN-141 -B SIDE-
SUFFIX: -11

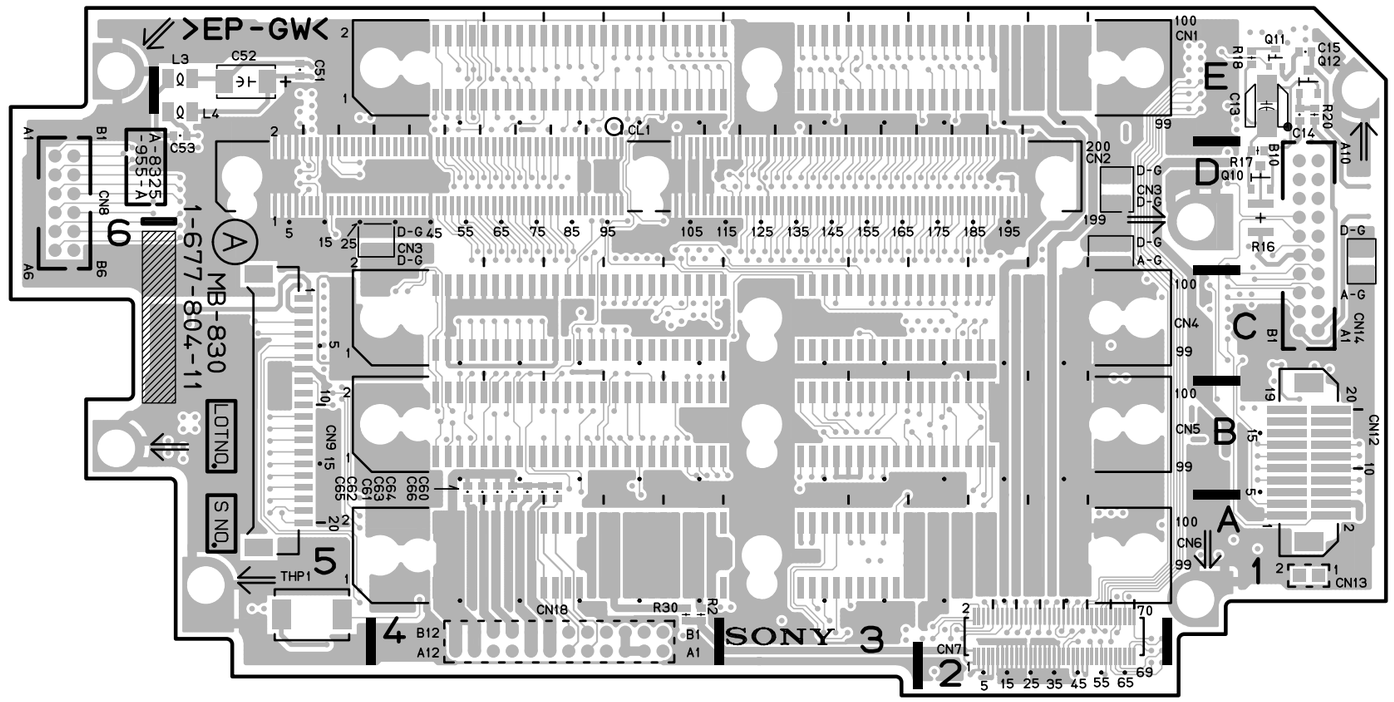
C712	*E7	IC403	*M2
C713	*C7	IC404	*M1
C714	*C7	IC500	B4
C715	*C8	IC501	B3
C716	*C8	IC502	*B4
C717	*D8	IC503	B5
C718	*D8	IC505	*B3
C719	F7	IC506	*B4
C721	*F8	IC507	*B8
C800	*E4	IC508	*A5
C801	*E4	IC509	*C8
C802	*D4	IC600	*G4
C803	*D4	IC601	*H1
C804	*D2	IC602	*C6
C805	C2	IC603	H7
C806	C5	IC604	D6
C807	D5	IC605	*B6
C809	*C3	IC700	*G8
C811	*D5	IC701	*F8
C812	*D5	IC702	*F7
C813	D5	IC703	*E7
C814	*D4	IC704	*E8
C815	*C2	IC705	*C7
C816	*C2	IC706	*G8
C817	*C2	IC707	*E8
C818	*C2	IC708	*E5
C819	B2	IC709	D7
C823	*B3	IC710	*H8
C824	*C4	IC711	D7
C825	*C4	IC712	*D7
C826	*C5	IC713	*F8
C827	*C5	IC720	*C7
C828	*C5	IC721	*J7
C829	*D4	IC800	C1
C830	*C5	IC801	*D1
C901	*C1	IC802	D3
C902	*D1	IC804	*D3
C903	D1	IC805	D3
C904	E2	IC806	*C5
C905	E1	IC807	*B2
C906	E3	IC808	*C3
C907	*E1	IC809	C3
C908	E1	IC810	*C4
C909	*D2	IC811	C5
C910	*D1	IC812	*C4
C911	*D3	IC813	C5
		IC814	*B5
CN1	H8	IC900	*B2
		IC901	D4
D1	*K7	IC902	C1
D2	*M7		
D3	*J8	L1	J7
D4	*L8	L3	K7
D400	*L4	L4	L7
D500	A4	L6	L7
D501	*B2	L100	L6
D502	B4	L101	M6
D503	B5	L500	A1
D504	*B3	L501	A2
		L502	B5
DL600	H4	L504	B4
DL605	F5	L505	*B6
DL606	E3	L600	E1
		L601	J6
E1	M7	L602	*G6
		L603	*H4
FL601	E3	L604	F5
FL602	F3	L605	E5
FL603	E5	L606	*G7
FL604	F6	L607	*H7
FL606	F6	L800	E4
FL607	E6	L801	D4
FL608	E6	L802	*C5
		L803	*B5
IC1	K7		
IC2	C8	Q1	*J7
IC3	*A7	Q2	*J8
IC5	*H8	Q3	*L7
IC100	L6	Q4	*L8
IC101	L4	Q5	*H5
IC102	L4	Q6	*H4
IC200	K6	Q7	*H4
IC202	K4	Q8	*H6
IC203	K1	Q9	*H6
IC204	L1	Q10	*H5
IC300	J6	Q11	*H5
IC302	J4	Q12	*H6
IC303	J1	Q13	*H6
IC304	J1	Q14	*H6
IC400	M6	Q16	*H5
IC401	*L2	Q20	*H7
IC402	*M2	Q21	*H8

(Continued to next page.)

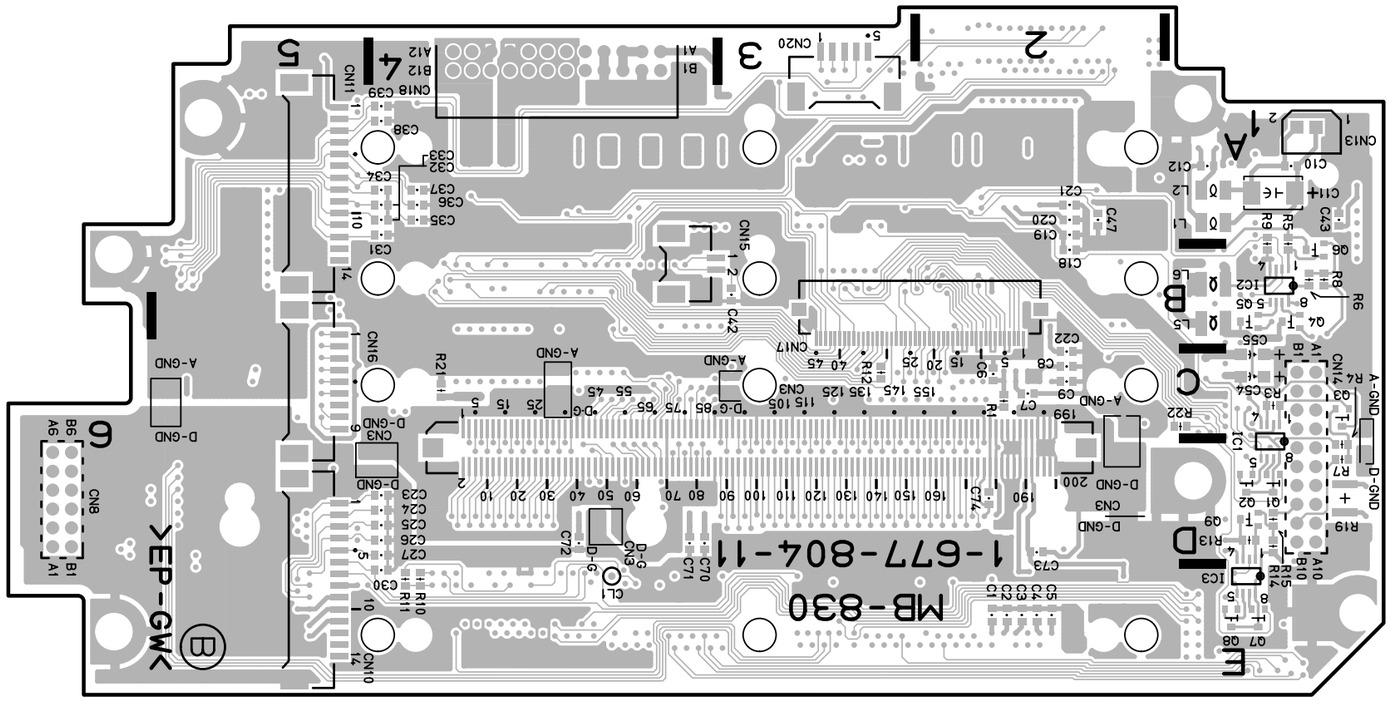
Q100	*L6	Q701	*C6	R90	*H7	R302	*J6	R504	*A1	R621	*G3	R731	*E7	R825	C2	R944	*D2
Q101	L5	Q800	*D1	R91	*J7	R303	*J5	R505	*B1	R622	*G3	R732	*G2	R827	*D2	R945	*D3
Q102	*L5	Q801	C1	R92	*J7	R304	*J6	R506	*B1	R623	*H2	R733	*G2	R829	*D4	R946	*D3
Q103	*L5	Q802	*D1	R93	*H8	R305	J5	R507	*B1	R624	*F3	R734	*E7	R834	C3	R947	*E3
Q104	*L4	Q803	*C1	R94	*H8	R306	K5	R508	*B1	R625	*H2	R735	*E8	R835	*C3	R948	D2
Q105	*L5	Q804	C1	R95	*H7	R307	*J6	R509	*B1	R626	*H2	R736	*E8	R836	C3	R949	D2
Q106	*L4	Q805	C1	R96	*H7	R308	*J6	R510	A1	R627	*G3	R737	*D4	R837	C4	R950	*E2
Q107	*L4	Q806	*C1	R97	*H8	R309	*J5	R511	*A2	R628	*F3	R738	*E4	R838	*C4	R951	*E2
Q108	*L4	Q807	*C2	R98	*H8	R310	*J5	R512	A1	R629	*G3	R739	E7	R839	*C4	R955	*E2
Q116	*L3	Q808	B4	R100	*L6	R311	*J6	R513	*B2	R630	*G3	R740	*E7	R840	*C3	R956	*E2
Q200	*K6	Q809	D3	R101	*L6	R312	K4	R514	A1	R631	*G3	R741	*E7	R841	*D4	R957	*E3
Q201	K5	Q810	D2	R102	*L6	R313	*J5	R515	B1	R632	*G3	R742	*G8	R842	*D5	R958	*E2
Q202	*K5	Q812	D3	R103	*L5	R314	*J5	R516	B1	R633	*G3	R743	*G8	R843	*D5	R959	*E2
Q203	*K5	Q813	D4	R104	*L6	R315	*J5	R517	B1	R634	*H3	R744	D7	R844	*D5	R960	*E3
Q204	*K4	Q814	*D4	R105	L5	R316	*J4	R518	B2	R635	*H3	R745	*D7	R845	C5		
Q205	*K5	Q815	D4	R106	L5	R317	*J4	R519	B2	R636	*H3	R746	*D7	R846	C5	RB1	C7
Q206	*K4	Q816	*C5	R107	L6	R318	*J5	R520	B2	R637	*H3	R747	*C8	R847	D5	RB2	C7
Q207	*K4	Q818	*C3	R108	L6	R319	*J5	R521	B2	R638	*H3	R748	*C8	R848	B2	RB3	C7
Q208	*K4	Q819	C3	R109	*L5	R320	*J4	R522	B2	R639	*G1	R749	*C8	R849	C2	RB4	*B7
Q209	*K3	Q820	B4	R110	*L5	R321	*J4	R523	B2	R640	*G4	R750	*C7	R850	B2	RB5	E7
Q210	*L2	Q821	C3	R111	*L5	R322	*J4	R524	B3	R641	*G4	R751	*B7	R851	*C3	RB200	K3
Q211	*K2	Q822	*C4	R112	*L5	R323	*J3	R525	*A2	R642	*G4	R752	*B6	R852	*B2	RB300	K3
Q212	*K2	Q823	*C4	R113	*L5	R324	*K2	R526	*A3	R643	*G4	R753	*D7	R855	*C3	RB600	F2
Q213	*L1	Q902	*C1	R114	*L5	R325	*K2	R527	*B2	R644	*F1	R754	*D7	R856	*C3	RB601	G2
Q214	*K1	Q903	*E4	R115	*L5	R326	*K2	R528	*B2	R645	*G7	R755	*D6	R858	C3	RB602	F2
Q215	*L1	Q904	*D4	R116	*L4	R327	*K2	R529	*B2	R646	*F5	R756	*G7	R859	C3		
Q216	*K3	Q905	E2	R117	*L4	R328	*K3	R530	*B2	R647	*F4	R757	G7	R860	B4	RV100	L6
Q300	*J6	Q906	D1	R118	*L5	R329	*K3	R531	A3	R648	*F6	R758	*E7	R861	*C3	RV104	M5
Q301	K4	Q907	D2	R119	*K5	R330	*J2	R532	B3	R649	*F5	R759	E7	R862	*B3	RV200	K6
Q302	*J5	Q908	D2	R120	*K4	R331	*K2	R533	A3	R650	*F6	R760	*E7	R863	*C3	RV201	L1
Q303	*J5	Q909	E3	R121	*L4	R332	*K2	R534	*A1	R651	*F5	R761	E7	R864	*C4	RV202	L2
Q304	*J4	Q910	*D2	R122	*L4	R333	*K2	R535	*B3	R652	*F5	R762	*J8	R865	*C4	RV203	K2
Q305	*J5	Q911	*E1	R123	*L6	R334	*K2	R536	B6	R656	*F5	R763	*J8	R866	C4	RV204	J5
Q306	*J4	Q912	*E2	R124	*L6	R335	J2	R537	*B8	R657	*F5	R764	*E8	R867	*C5	RV300	J6
Q307	*J4	Q913	*E2	R125	*L6	R336	J2	R538	A3	R658	*F4	R765	*D8	R868	*C5	RV301	K1
Q308	*J3	Q914	*D3	R126	L5	R337	*J2	R539	B3	R659	*F4	R766	*D8	R869	*C5	RV302	K2
Q309	*J3	Q915	*F2	R127	L5	R338	*J2	R540	B4	R660	*F5	R767	*D8	R870	*B5	RV303	J2
Q310	*K2	Q916	*F2	R151	*L3	R339	*J2	R541	B4	R661	*G6	R768	D6	R871	E4	RV304	K4
Q311	*J2	Q917	*F3	R200	*K5	R340	*K2	R542	*A5	R662	*G5	R769	*D6	R872	*C3	RV401	L3
Q312	*J2			R201	*K6	R341	*J2	R543	*A4	R663	*H6	R770	*C6	R873	*D2	RV402	L3
Q313	*K1	R1	*K8	R202	*K6	R342	*K1	R544	*C8	R664	*G6	R771	C6	R874	D4	RV403	L2
Q314	*J1	R2	*K8	R203	*K5	R343	*J1	R545	*B5	R665	*G7	R772	C6	R875	B3	RV404	L2
Q315	*K1	R3	*K7	R204	*K6	R344	*K1	R546	*B4	R666	*G6	R773	*D6	R877	*C5	RV405	L1
Q316	*J3	R4	*J7	R205	K5	R345	*K1	R547	*B5	R667	*H1	R774	*F8	R878	C3	RV406	L1
Q400	*M6	R5	*J7	R206	K5	R346	*K1	R548	*B5	R668	*G1	R775	*F8	R879	D3	RV407	M4
Q401	L4	R6	*J8	R207	*K6	R347	*J1	R549	B6	R669	*G1	R776	*H8	R880	*D3	RV600	G4
Q402	*L5	R7	*J8	R208	*K6	R348	*J1	R550	*B4	R670	*H1	R777	*H8	R881	*C3	RV601	G1
Q403	*L5	R8	*J8	R209	*K5	R349	*J1	R551	B4	R671	*H1	R778	*D5	R883	*C3	RV602	F1
Q404	*L4	R9	*J8	R210	*K5	R350	K4	R552	B5	R672	*H1	R779	D6	R884	C2	RV603	F5
Q405	*M5	R10	*J7	R211	*K6	R351	*J3	R553	*A5	R673	*G1	R780	D6	R900	*C1	RV604	F4
Q406	*M4	R11	*J7	R212	K5	R400	*M5	R554	*A5	R674	*C6	R781	C6	R901	*C1	RV605	K1
Q407	*M2	R12	*L7	R213	*K5	R401	*M6	R555	*A4	R675	*H1	R782	C6	R902	*C2	RV606	F1
Q408	*M1	R13	*L7	R214	*K5	R402	*L6	R556	A5	R676	*H7	R783	*D6	R904	B1	RV607	G1
Q409	L4	R14	*L7	R215	*K5	R403	*L5	R557	A5	R677	*H7	R784	D6	R905	*C1	RV608	K1
Q500	*B1	R15	*L8	R216	*K4	R404	*L6	R558	*A6	R678	*H7	R785	B6	R906	*C1	RV609	C6
Q501	*B1	R16	*L8	R217	*K4	R405	L5	R559	*C8	R679	*H7	R786	B6	R907	*C2	RV800	C1
Q502	*B2	R17	*L8	R218	*K5	R406	L5	R560	*B2	R680	*G7	R787	*B6	R908	*C2	RV801	C2
Q503	*A2	R18	*C8	R219	*K5	R407	*M6	R561	B2	R681	*G7	R788	C6	R909	*E3	RV802	C4
Q504	*B2	R19	*C8	R220	*K4	R408	*L6	R562	*A3	R682	*G7	R789	B6	R910	*D3		
Q505	B1	R20	*C8	R221	*K4	R409	*L5	R563	*A3	R683	*H7	R790	*C1	R911	*E4	S600	F3
Q506	*A2	R21	*C8	R222	*K4	R410	*L5	R564	*B3	R699	*D6	R791	C1	R912	*E4	S601	F6
Q507	B1	R22	*B6	R223	*K3	R411	*L6	R565	*K1	R700	*G8	R792	*C1	R913	*D4	S800	E5
Q508	B2	R23	*B7	R224	*L2	R412	L4	R566	*M3	R701	*G8	R793	E7	R914	E2	S801	C4
Q509	B2	R24	*B6	R225	*L2	R413	*L5	R567	L4	R702	*G7	R794	C5	R915	D1		
Q510	B2	R25	*B7	R226	*L2	R414	*M5	R568	*L3	R703	*F7	R795	*G2	R916	E1	TP1	C1
Q513	*B2	R26	J7	R227	*L2	R415	*M5	R569	*M3	R704	*F7	R796	*G2	R917	E2	TP2	C2
Q514	B3	R27	J7	R228	*L3	R416	M4	R570	*M4	R705	*F8	R797	*G2	R918	E1	TP3	D2
Q515	A3	R28	*L4	R229	*L3	R417	*M4	R571	M3	R706	E7	R800	*D1	R919	E1	TP4	D1
Q516	A3	R29	*K4	R230	*K2	R418	*M5	R572	M4	R707	*E7	R801	*C1	R920	D1		
Q517	B4	R30	*J4	R231	*L2	R419	*L4	R573	M4	R708	F7	R802	*D1	R921	D1	X1	B7
Q600	*F2	R31	*B7	R232	*L2	R420	*L3	R574	*M4	R709	*F7	R803	*C1	R922	D1		
Q601	*H2	R50	*L3	R233	*L2	R421	*L3	R600	*F1	R710	*F7	R804	*D1	R923	D3	*:B SIDE	
Q602	*F4	R52	*H1	R234	*L2	R422	*M3	R601	*H2	R711	*F7	R805	C1	R924	D3		
Q603	*F3	R54	*D5	R235	K2	R423	M2	R602	*H2	R712	*F8	R806	*C1	R925	D3		
Q604	*H2	R55	D5	R236	K2	R424	M2	R603	*G1	R713	*F8	R807	*C1	R926	D3		
Q605	*H3	R56	G7	R237	*K2	R425	M2	R604	*G2	R714	*E6	R808	C2	R927	E2		
Q606	*G4	R69	*J7	R238	*L2	R426	M2	R605	*H2	R715	*F6	R809	C2	R928	E3		
Q607	*F4	R70	*H5	R239	*K2	R427	*L2	R606	*F2	R716	*F6	R810	*C2	R929	E3		
Q608	*F6	R71	*J5	R240	*L2	R428	*L2	R607	*H2	R717	*E6	R811	*C2	R930	D3		
Q609	*F5	R72	*H5	R241	*K2	R429	*M1	R608	*H2	R718	*E6	R812	*C2	R931	*D2		
Q610	*F4	R73	*J4	R242	*L1	R430	*L1	R609	*E4	R719	*E6	R813	*D2	R932	*D1		
Q611	*G6	R74	*H6	R243	*K1	R431	*M1	R610	*F3	R720	*E6	R814	*D2	R933	*D1		
Q612	*G3	R75	*H7	R244	*L1	R432	*L1	R611	*F4	R721	*E6	R815	D2	R934	*D2		
Q613	*F6	R76	*H6	R245	*L1	R433	*M1	R612	*F4	R722	*E6	R816	*C4	R935	*D1		
Q614	*F6	R77	*H5	R246	*L1	R434	L4	R613	*F4	R723	*E6	R817	*D4	R936	*D1		
Q615	*E6	R78	*J5	R247	*K1	R435	*M5	R614	*F4	R724	*D6	R818	C2	R937	*E1		
Q616	*E6	R79	*H5	R248	*L1	R436	L6	R615	*F4	R725	*E6	R819	*D2	R938	*E1		
Q623	*D7	R80	*H6	R249	*K1	R437	*L1	R616	*G4	R726	*E8	R820	*D2	R939	*E1		
Q624	*G2	R81	*J6	R250	K5	R500	A4	R617	*F2	R727	*E8	R821	*D2	R940	*E3		
Q625	*G2	R82	*H6	R251	*K3	R501	A4	R618	*G2	R728	*E5	R822	*D3	R941	*E3		
Q626	*G2	R83	*J6	R300	*J5	R502	A4	R619	*H2	R729	*E5	R823	*C3	R942	*E3		
Q700	*D6	R86	*J5	R301	*J6	R503	*B1	R620	*H2	R730	*G2	R824	D2	R943	*E3		

MB-830 (1-677-804-11)

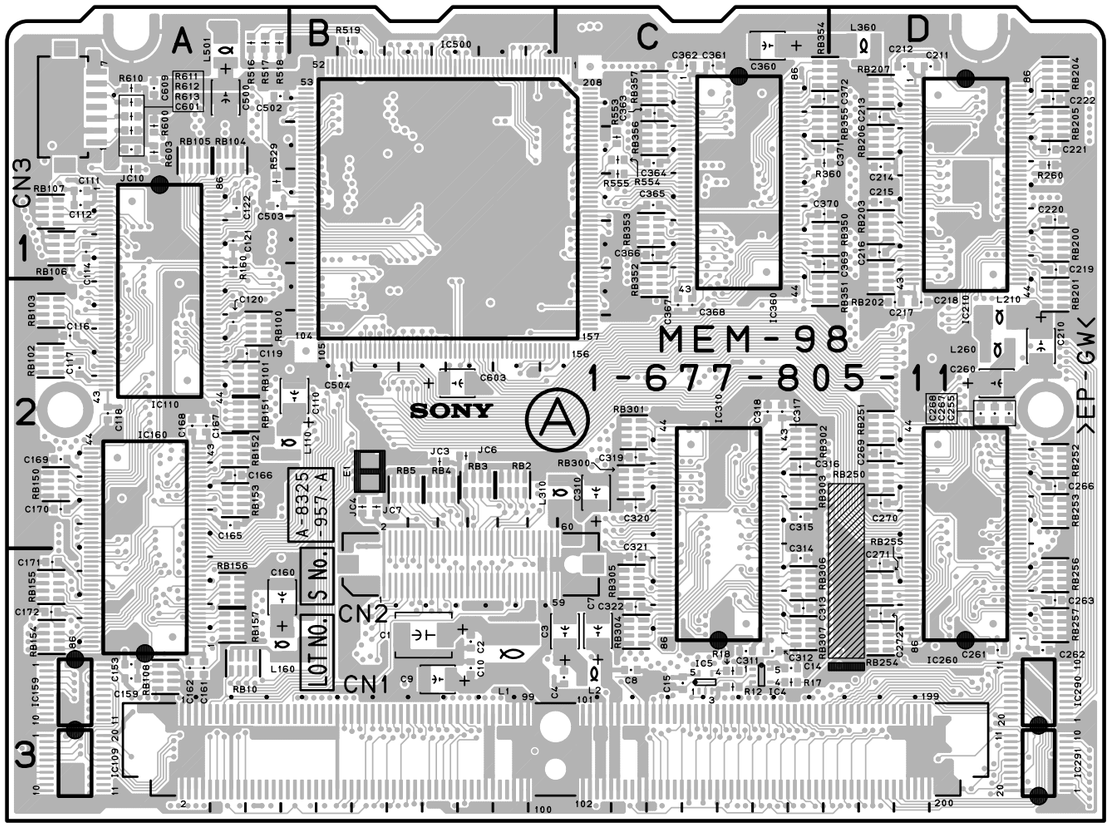
C1	*E2	Q4	*B1
C2	*E2	Q5	*B1
C3	*E2	Q6	*B1
C4	*E2	Q7	*E1
C5	*E2	Q8	*E1
C6	*C2	Q9	*D1
C7	*C2	Q10	D1
C8	*C2	Q11	E1
C9	*C2	Q12	E1
C10	*A1		
C11	*A1	R1	*C2
C12	*A1	R2	A4
C13	E1	R3	*C1
C14	E1	R4	*D1
C15	E1	R5	*A1
C18	*B2	R6	*B1
C19	*A2	R7	*D1
C20	*A2	R8	*B1
C21	*A2	R9	*A1
C22	*C2	R10	*E4
C23	*D4	R11	*E4
C24	*D4	R12	*C3
C25	*D4	R13	*D1
C26	*D4	R14	*D1
C27	*D4	R15	*D1
C30	*E4	R16	D1
C31	*A4	R17	D1
C32	*A4	R18	E1
C33	*A4	R19	*D1
C34	*A4	R20	E1
C35	*A4	R21	*C4
C36	*A4	R22	*C1
C37	*A4	R30	A4
C38	*A4		
C39	*A4	THP1	A5
C42	*B3		
C43	*A1	*:B SIDE	
C47	*A2		
C51	E5		
C52	E5		
C53	E5		
C54	*C1		
C55	*C1		
C60	B4		
C61	B4		
C62	B4		
C63	B4		
C64	B4		
C65	B4		
C66	B4		
C70	*D4		
C71	*D4		
C72	*D4		
C73	*D2		
C74	*D2		
CL1	E4		
CN1	E3		
CN2	D4		
CN3	*D3		
CN4	C3		
CN5	B3		
CN6	A3		
CN7	A2		
CN8	D6		
CN9	B5		
CN10	*E5		
CN11	*A5		
CN12	B1		
CN13	*A1		
CN14	D1		
CN15	*B4		
CN16	*C5		
CN17	*B2		
CN18	*A4		
CN20	*A3		
IC1	*D1		
IC2	*B1		
IC3	*E1		
L1	*A1		
L2	*A1		
L3	E5		
L4	E5		
L5	*B1		
L6	*B1		
Q1	*D1		
Q2	*D1		
Q3	*C1		



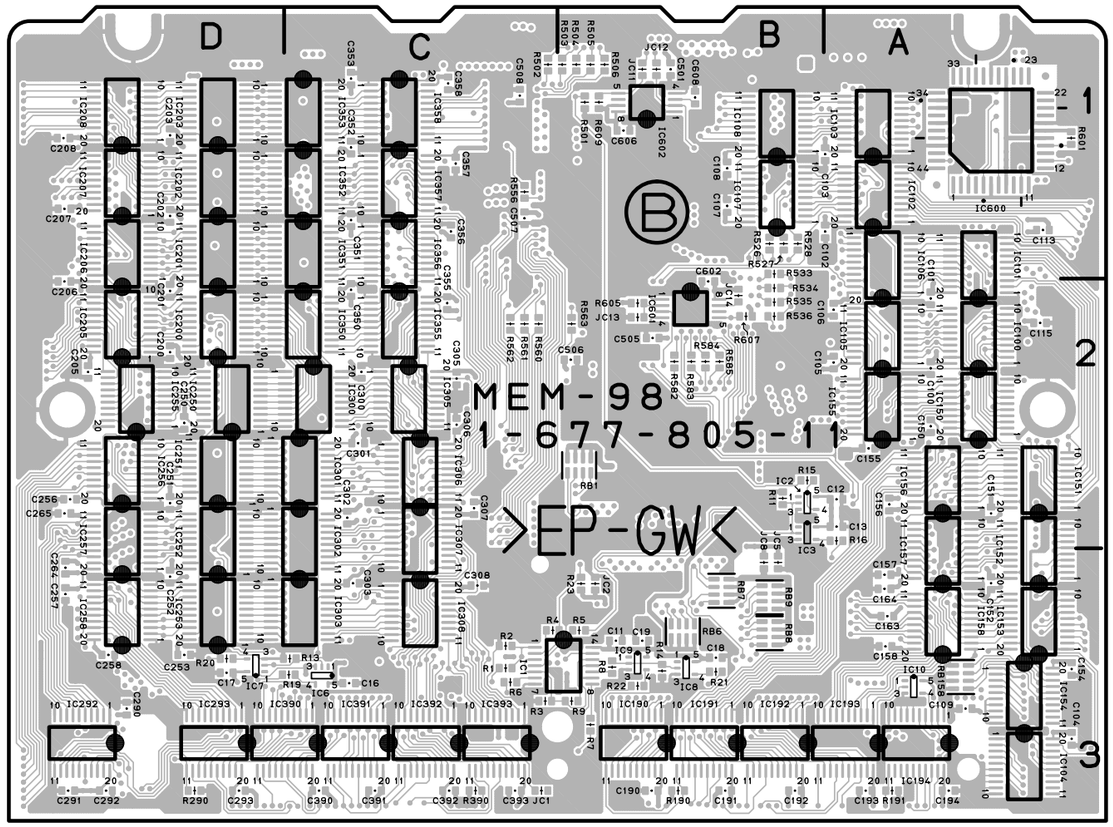
MB-830 -A SIDE-
SUFFIX: -11



MB-830 -B SIDE-
SUFFIX: -11



MEM-98 -A SIDE-
SUFFIX: -11



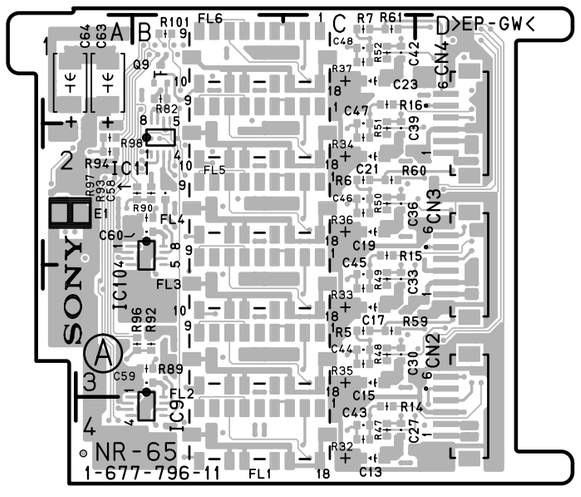
MEM-98 -B SIDE-
SUFFIX: -11

MEM-98 (1-677-805-11)

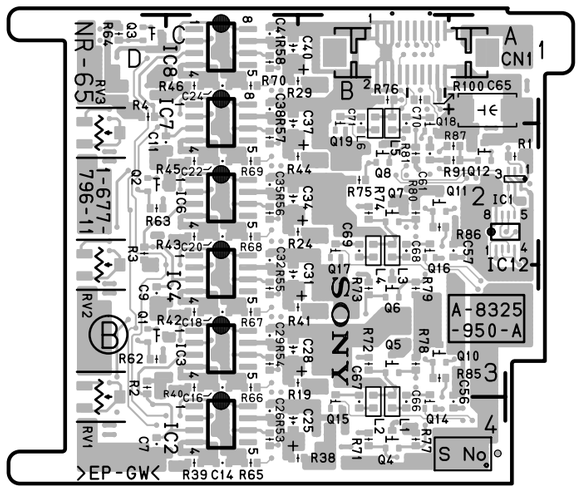
C1	B3	C114	A1	C172	A3	C255	D2	C312	C3	C372	C1	IC5	C3	IC193	*A3	IC308	*C3	JC13	*B2	R20	*D3	R555	C1	RB100	A2	RB255	D3
C2	B3	C115	*A2	C190	*B3	C256	*D2	C313	C3	C390	*C3	IC6	*C3	IC194	*A3	IC310	C3	JC14	*B2	R21	*B3	R556	*C1	RB101	A2	RB256	D3
C3	C3	C116	A2	C191	*B3	C257	*D3	C314	C3	C391	*C3	IC7	*D3	IC200	*D2	IC350	*D2			R22	*B3	R560	*C2	RB102	A2	RB257	D3
C4	C3	C117	A2	C192	*B3	C258	*D3	C315	C2	C392	*C3	IC8	*B3	IC201	*D2	IC351	*D1	L1	B3	R23	*B3	R561	*C2	RB103	A2	RB300	C2
C7	C3	C118	A2	C193	*A3	C260	D2	C316	C2	C393	*C3	IC9	*B3	IC202	*D1	IC352	*D1	L2	C3	R160	A1	R562	*C2	RB104	A1	RB301	C2
C8	C3	C119	A2	C194	*A3	C261	D3	C317	C2	C500	A1	IC10	*A3	IC203	*D1	IC353	*D1	L110	A2	R190	*B3	R563	*B2	RB105	A1	RB302	C2
C9	B3	C120	A2	C200	*D2	C262	D3	C318	C2	C501	*B1	IC100	*A2	IC205	*D2	IC355	*C2	L160	A3	R191	*A3	R582	*B2	RB106	A1	RB303	C2
C10	B3	C121	A1	C201	*D2	C263	D3	C319	C2	C502	A1	IC101	*A2	IC206	*D2	IC356	*C1	L210	D2	R260	D1	R583	*B2	RB107	A1	RB304	C3
C11	*B3	C122	A1	C202	*D1	C264	*D3	C320	C2	C503	A1	IC102	*A1	IC207	*D1	IC357	*C1	L260	D2	R290	*D3	R584	*B2	RB108	A3	RB305	C3
C12	*A2	C150	*A2	C203	*D1	C265	*D2	C321	C3	C504	B2	IC103	*A1	IC208	*D1	IC358	*C1	L310	C2	R360	C1	R585	*B2	RB150	A2	RB306	C3
C13	*A2	C151	*A2	C205	*D2	C266	D2	C322	C3	C505	*B2	IC104	*A3	IC210	D1	IC360	C1	L360	D1	R390	*C3	R600	A1	RB151	A2	RB307	C3
C14	C3	C152	*A3	C206	*D2	C267	D2	C350	*C2	C506	*B2	IC105	*A2	IC250	*D2	IC390	*C3	L501	A1	R501	*B1	R601	*A1	RB152	A2	RB350	C1
C15	C3	C153	A3	C207	*D1	C268	D2	C351	*C1	C507	*C1	IC106	*A2	IC251	*D2	IC391	*C3			R502	*C1	R603	A1	RB153	A2	RB351	C2
C16	*C3	C154	*A3	C208	*D1	C269	D2	C352	*C1	C508	*C1	IC107	*B1	IC252	*D3	IC392	*C3	R1	*C3	R503	*B1	R605	*B2	RB154	A3	RB352	C2
C17	*D3	C155	*A2	C210	D2	C270	D2	C353	*C1	C601	A1	IC108	*B1	IC253	*D3	IC393	*C3	R2	*C3	R504	*B1	R607	*B2	RB155	A3	RB353	C1
C18	*B3	C156	*A2	C211	D1	C271	D3	C355	*C2	C602	*B2	IC109	A3	IC255	*D2	IC500	B1	R3	*C3	R505	*B1	R609	*B1	RB156	A3	RB354	C1
C19	*B3	C157	*A3	C212	D1	C272	D3	C356	*C1	C603	B2	IC110	A1	IC256	*D2	IC600	*A1	R4	*C3	R506	*B1	R610	A1	RB157	A3	RB355	C1
C100	*A2	C158	*A3	C213	D1	C290	*D3	C357	*C1	C606	*B1	IC150	*A2	IC257	*D3	IC601	*B2	R5	*B3	R516	A1	R611	A1	RB158	*A3	RB356	C1
C101	*A2	C159	A3	C214	D1	C291	*D3	C358	*C1	C608	*B1	IC151	*A2	IC258	*D3	IC602	*B1	R6	*C3	R517	A1	R612	A1	RB200	D1	RB357	C1
C102	*A1	C160	A3	C215	D1	C292	*D3	C360	C1	C609	A1	IC152	*A3	IC260	D3			R7	*B3	R518	A1	R613	A1	RB201	D2		
C103	*A1	C161	A3	C216	D1	C293	*D3	C361	C1			IC153	*A3	IC290	D3	JC1	*C3	R8	*B3	R519	B1			RB202	D1	*:B SIDE	
C104	*A3	C162	A3	C217	D2	C300	*C2	C362	C1	CN1	B3	IC154	*A3	IC291	D3	JC2	*B3	R9	*B3	R526	*B1	RB1	*B2	RB203	D1		
C105	*A2	C163	*A3	C218	D2	C301	*C2	C363	C1	CN2	B3	IC155	*A2	IC292	*D3	JC3	B2	R11	*B2	R527	*B1	RB2	B2	RB204	D1		
C106	*A2	C164	*A3	C219	D1	C302	*C2	C364	C1	CN3	A1	IC156	*A2	IC293	*D3	JC4	B2	R12	C3	R528	*B1	RB3	B2	RB205	D1		
C107	*B1	C165	A2	C220	D1	C303	*C3	C365	C1			IC157	*A3	IC300	*C2	JC5	*B3	R13	*C3	R529	A1	RB4	B2	RB206	D1		
C108	*B1	C166	A2	C221	D1	C305	*C2	C366	C1	E1	B2	IC158	*A3	IC301	*D2	JC6	B2	R14	*B3	R533	*B1	RB5	B2	RB207	D1		
C109	*A3	C167	A2	C222	D1	C306	*C2	C367	C2			IC159	A3	IC302	*D2	JC7	B2	R15	*B2	R534	*B2	RB6	*B3	RB250	D2		
C110	B2	C168	A2	C250	*D2	C307	*C2	C368	C2	IC1	*C3	IC160	A3	IC303	*D3	JC8	*B3	R16	*A2	R535	*B2	RB7	*B3	RB251	D2		
C111	A1	C169	A2	C251	*D2	C308	*C3	C369	C1	IC2	*B2	IC190	*B3	IC305	*C2	JC10	A1	R17	C3	R536	*B2	RB8	*B3	RB252	D2		
C112	A1	C170	A2	C252	*D3	C310	C2	C370	C1	IC3	*B2	IC191	*B3	IC306	*C2	JC11	*B1	R18	C3	R553	C1	RB9	*B3	RB253	D2		
C113	*A1	C171	A3	C253	*D3	C311	C3	C371	C1	IC4	C3	IC192	*B3	IC307	*C2	JC12	*B1	R19	*C3	R554	C1	RB10	A3	RB254	D3		

NR-65 (1-677-796-11)

C7	*D4	C58	B2	IC8	*C1	R35	C3
C9	*D3	C59	B3	IC9	B4	R36	C2
C11	*C2	C60	B2	IC10	B2	R37	C1
C13	C4	C61	*B2	IC11	B2	R38	*B4
C14	*C4	C63	A1	IC12	*A2	R39	*C4
C15	C3	C64	A1			R40	*C3
C16	*C3	C65	*A1	Q1	*D3	R41	*B3
C17	C3	C66	*B4	Q2	*D2	R42	*C3
C18	*C3	C67	*B4	Q3	*D1	R43	*C2
C19	C2	C68	*B2	Q4	*B4	R44	*B2
C20	*C2	C69	*B2	Q5	*B3	R45	*C2
C21	C2	C70	*B1	Q6	*B3	R46	*C1
C22	*C2	C71	*B1	Q7	*B2	R47	C4
C23	C1			Q8	*B2	R48	C3
C24	*C1	CN1	*B1	Q9	B1	R49	C3
C25	*C4	CN2	D4	Q10	*B3	R50	C2
C26	*C4	CN3	D2	Q11	*B2	R51	C2
C27	C4	CN4	D1	Q12	*A2	R52	C1
C28	*C3			Q14	*B4	R53	*C4
C29	*C3	E1	A2	Q15	*B4	R54	*C3
C30	C3			Q16	*B2	R55	*C3
C31	*C3	FL1	B4	Q17	*B2	R56	*C2
C32	*C2	FL2	B3	Q18	*B2	R57	*C2
C33	C3	FL3	B3	Q19	*B1	R58	*C1
C34	*C2	FL4	B2			R59	C3
C35	*C2	FL5	B2	R1	*A2	R60	C2
C36	C2	FL6	B1	R2	*D3	R61	C1
C37	*C1			R3	*D2	R62	*D3
C38	*C1	L1	*B4	R4	*D1	R63	*D2
C39	C2	L2	*B4	R5	C3	R64	*D1
C40	*C1	L3	*B2	R6	C2	R65	*C4
C41	*C1	L4	*B2	R7	C1	R66	*C3
C42	C1	L5	*B1	R14	C4	R67	*C3
C43	C4	L6	*B1	R15	C2	R68	*C2
C44	C3			R16	C1	R69	*C2
C45	C3	IC1	*A2	R19	*B3	R70	*C1
C46	C2	IC2	*C4	R24	*B2	R71	*B4
C47	C1	IC3	*C3	R29	*B1	R72	*B3
C48	C1	IC4	*C2	R32	C4	R73	*B3
C56	*A4	IC6	*C2	R33	C3	R74	*B2
C57	*A2	IC7	*C1	R34	C2	R75	*B2



NR-65 -A SIDE-
SUFFIX: -11



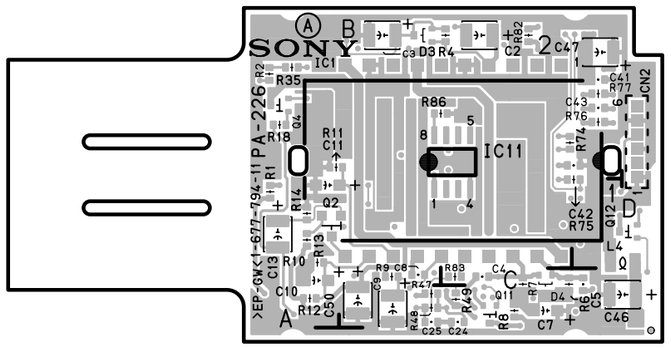
NR-65 -B SIDE-
SUFFIX: -11

R76	*B1
R77	*B4
R78	*B3
R79	*B3
R80	*B2
R81	*B2
R82	B1
R85	*B3
R86	*B2
R87	*A2
R89	B3
R90	B2
R91	*A2
R92	B3
R93	B2
R94	A2
R96	B3
R97	B2
R98	A2
R100	*B1
R101	B1
RV1	*D3
RV2	*D2
RV3	*D2

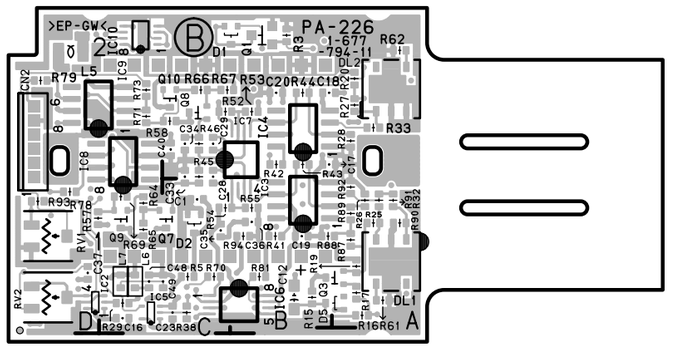
*:B SIDE

PA-226 (1-677-794-11)

C1	*C1	D2	*C1	R5	*C1		
C2	C2	D3	B2	R6	C1		
C3	B2	D4	C1	R7	C1		
C4	C1	D5	*A1	R8	C1		
C5	D1			R9	B1		
C7	C1	DL1	*A1	R10	A1		
C8	B1	DL2	*A2	R11	A2		
C9	B1			R12	A1		
C10	A1	IC1	C2	R13	A1		
C11	A1	IC2	*D1	R14	A1		
C12	*B1	IC3	*B1	R15	*B1		
C13	A1	IC4	*B2	R16	*A1		
C16	*C1	IC5	*C1	R17	*A1		
C17	*B2	IC6	*C1	R18	A2		
C18	*B2	IC7	*B1	R19	*A1		
C19	*B1	IC8	*C1	R20	*A2		
C20	*B2	IC9	*C2	R25	*A1		
C23	*C1	IC10	*C2	R26	*A1		
C24	C1	IC11	B1	R27	*A2		
C25	B1			R28	*A2		
C28	*C2	L4	D1	R29	*C1		
C29	*C2	L5	*D2	R32	*A1		
C33	*C2	L6	*C1	R33	*A2		
C34	*C2	L7	*C1	R35	A2		
C35	*C1			R38	*C1		
C36	*B1	Q1	*B2	R41	*B1		
C37	*D1	Q2	A1	R42	*B2		
C40	*C2	Q3	*A1	R43	*B2		
C41	D2	Q4	A2	R44	*B2		
C42	D2	Q7	*C1	R45	*C2		
C43	D2	Q8	*C2	R46	*C2		
C46	D1	Q9	*C1	R47	B1		
C47	D2	Q10	*C2	R48	B1		
C48	*C1	Q11	C1	R49	C1		
C49	*C1	Q12	D1	R52	*C2		
C50	B1			R53	*B2		
		R1	A1	R54	*C1		
CN2	*D2	R2	A2	R55	*B1		
		R3	*B2	R57	*D1		
D1	*B2	R4	C2	R58	*C2		



PA-226 -A SIDE-
SUFFIX: -11



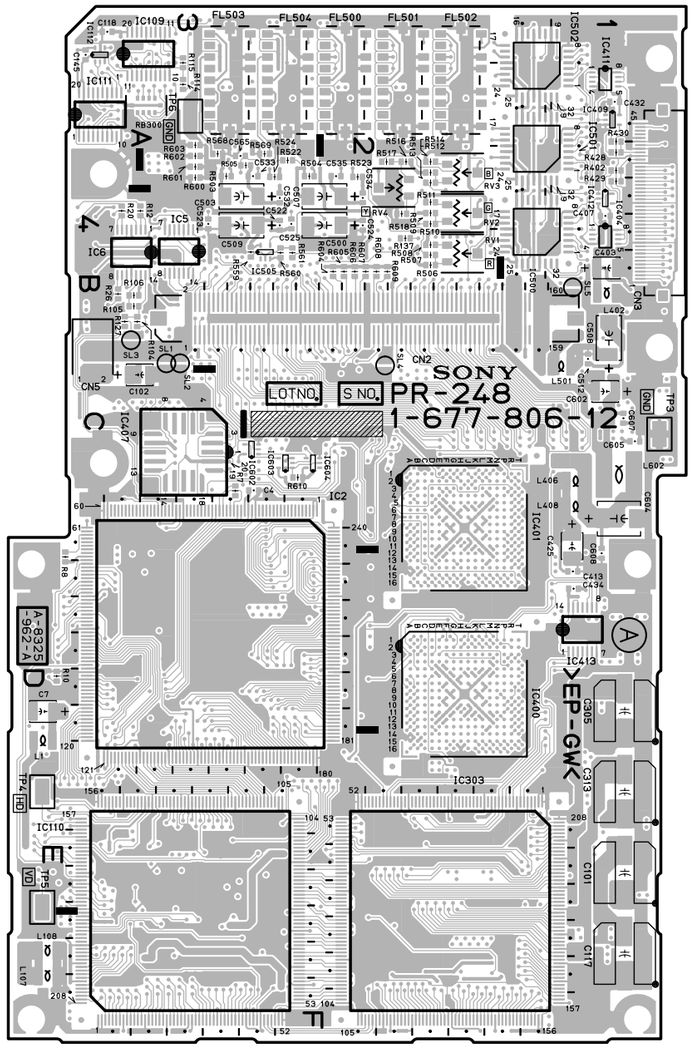
PA-226 -B SIDE-
SUFFIX: -11

R61	*A1
R62	*A2
R64	*C1
R65	*C1
R66	*C2
R67	*C2
R69	*C1
R70	*C1
R71	*C2
R73	*C2
R74	C2
R75	D1
R76	D2
R77	D2
R78	*D1
R79	*D2
R81	*B1
R82	C2
R83	C1
R86	B2
R87	*A1
R88	*B1
R89	*A1
R90	*A1
R91	*A1
R92	*A1
R93	*D1
R94	*B1
RV1	*D1
RV2	*D1

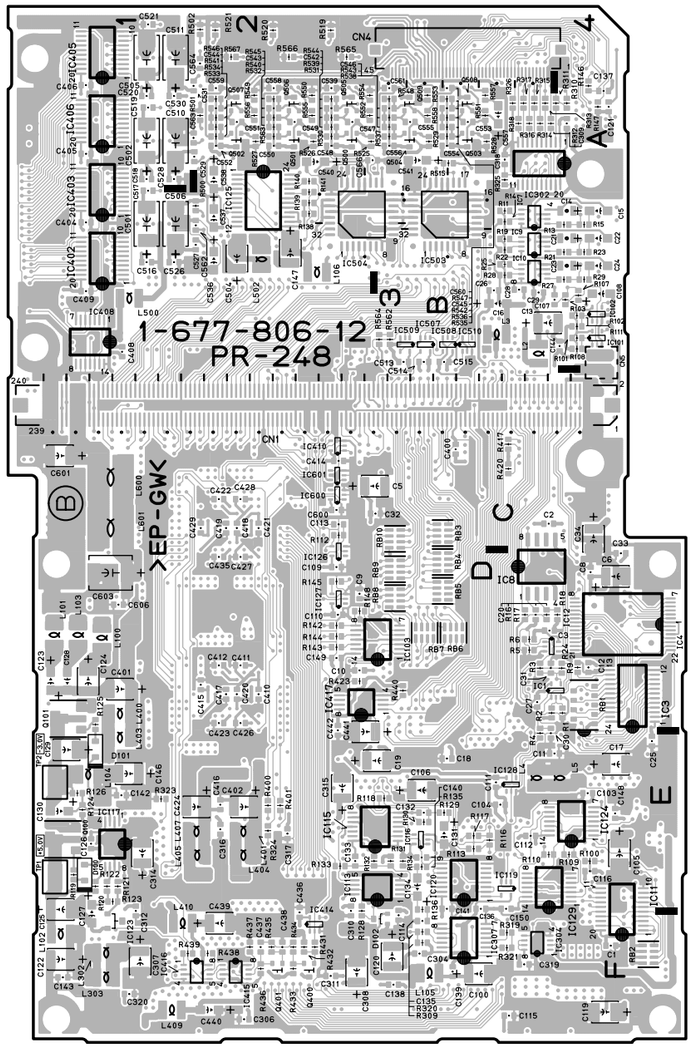
*:B SIDE

PR-248 (1-677-806-12)

C1	*F4	C311	*F2	C542	*A2	IC405	*A1
C2	*C3	C312	*E1	C543	*A2	IC406	*A1
C3	*D3	C313	E1	C544	*A2	IC407	C3
C4	C3	C314	*E1	C545	*A3	IC408	*B1
C5	*C3	C315	*E2	C546	*A3	IC409	A1
C6	*D4	C316	*E2	C547	*A2	IC410	*C2
C7	D4	C317	*E2	C548	*A2	IC411	A1
C8	*D4	C318	*A3	C549	*A2	IC412	B1
C9	*D2	C319	*F3	C550	*A2	IC413	D1
C10	*D2	C320	*F1	C551	*A2	IC414	*F2
C11	*E3	C400	*C3	C552	*A2	IC415	*F2
C12	*D4	C401	*D1	C553	*A3	IC416	*F2
C13	*B3	C402	*E2	C554	*A3	IC417	*D3
C14	*B4	C403	B1	C555	*A3	IC500	B1
C15	*B4	C404	*B1	C556	*A3	IC501	A1
C16	*B3	C405	*A1	C557	*A3	IC502	A1
C17	*E4	C406	*A1	C558	*A2	IC503	*B3
C18	*E3	C407	B1	C559	*A2	IC504	*B2
C19	*E3	C408	*B1	C560	*A3	IC505	B3
C20	*D3	C409	*B1	C561	*A3	IC507	*B3
C21	*B4	C410	*D2	C562	*B2	IC508	*B3
C22	*B4	C411	*D2	C563	*A1	IC509	*B3
C23	*B4	C412	*D2	C564	*A2	IC510	*B3
C24	*B4	C413	D1	C565	A3	IC600	*C2
C25	*E4	C414	*C2	C566	*A2	IC601	*C2
C26	*B3	C415	*D2	C600	*C2	IC602	C3
C27	*D3	C416	*E2	C601	*C1	IC603	C3
C28	*B3	C417	*D2	C602	C1	IC604	C3
C29	*B3	C418	*C2	C603	*D1		
C30	*E3	C419	*C2	C604	C1	L1	E4
C31	*D3	C420	*D2	C605	C1	L2	*B3
C32	*C3	C421	*C2	C606	*D1	L3	*B3
C33	*D4	C422	*C2	C607	C1	L4	*E3
C34	*C4	C423	*D2	C608	D1	L5	*E4
C100	*F3	C424	*E2			L100	*D1
C101	E1	C425	C1	CN1	*C2	L101	*D1
C102	C3	C426	*D2	CN2	B2	L102	*F1
C103	*E4	C427	*D2	CN3	B1	L103	*D1
C104	*E3	C428	*C2	CN4	*A3	L104	*E1
C105	*E4	C429	*C2	CN5	B4	L105	*F3
C106	*E3	C432	A1			L106	*B2
C107	*B3	C434	D1	D100	*E1	L107	F4
C108	*B4	C435	*D2	D101	*E1	L108	F4
C109	*D2	C436	*F2	D102	*F3	L302	*F1
C110	*D2	C437	*F2			L303	*F1
C111	*E3	C438	*F2	FL500	A2	L400	*D1
C112	*E3	C439	*F2	FL501	A2	L401	*E2
C113	*C2	C440	*F2	FL502	A2	L402	B1
C114	*F3	C441	*E2	FL503	A3	L403	*E1
C115	*F3	C442	*D2	FL504	A3	L404	*E2
C116	*E4	C500	B2			L405	*E2
C117	F1	C501	*B1	IC1	*D4	L406	C1
C118	A4	C502	*A1	IC2	D3	L407	*E2
C119	*F4	C503	B3	IC3	*D4	L408	C1
C120	*F3	C504	*B2	IC4	*D4	L409	*F1
C121	*A4	C505	*A1	IC5	B3	L410	*F1
C122	*F1	C506	*B1	IC6	B3	L500	*B1
C123	*D1	C507	B2	IC7	*B3	L501	B1
C124	*D1	C508	B1	IC8	*D3	L502	*B2
C125	*E1	C509	B3	IC9	*B3	L600	*C1
C126	*E1	C510	*A1	IC10	*B3	L601	*C1
C127	*F1	C511	*A1	IC11	*F4	L602	C1
C128	*D1	C512	B1	IC12	*D3		
C129	*E1	C513	*B3	IC101	*B4	Q100	*E1
C130	*E1	C514	*B3	IC102	*B4	Q101	*D1
C131	*E3	C515	*B3	IC103	*D3	Q400	*F2
C132	*E3	C516	*B1	IC109	A4	Q401	*F2
C133	*E2	C517	*B1	IC110	E3	Q500	*A2
C134	*E3	C518	*A1	IC111	A4	Q501	*A2
C135	*F3	C519	*A1	IC112	A4	Q502	*A2
C136	*E3	C520	*A1	IC113	*E3	Q503	*A3
C137	*A4	C521	*A1	IC115	*E3	Q504	*A3
C138	*F3	C522	B3	IC116	*E3	Q505	*A2
C139	*F3	C523	B3	IC117	*E1	Q506	*A2
C140	*E3	C524	B2	IC119	*E3	Q507	*A2
C141	*E3	C525	B3	IC120	*E3	Q508	*A3
C142	*E1	C526	*B1	IC123	*F1	Q509	*A3
C143	*F1	C527	*B2	IC124	*E4		
C144	*B4	C528	*A1	IC125	*A2	R1	*D4
C145	A4	C529	*A2	IC126	*D2	R2	*D3
C146	*E1	C530	*A1	IC127	*D2	R3	*D3
C147	*B2	C531	*A1	IC128	*E3	R4	*E3
C148	*E4	C532	B3	IC129	*E4	R5	*D3
C149	*D2	C533	A3	IC302	*A4	R6	*D3
C150	*E3	C534	B2	IC303	E2	R7	C3
C304	*F3	C535	A2	IC304	*F3	R8	D4
C305	D1	C536	*B2	IC307	*F3	R9	*D4
C306	*F2	C537	*B2	IC400	D2	R10	D4
C307	*F1	C538	*A2	IC401	C2	R11	*B3
C308	*F2	C539	*A2	IC402	*B1	R12	B3
C309	*A4	C540	*A2	IC403	*B1	R13	*B4
C310	*E2	C541	*A3	IC404	B1	R14	*B3



PR-248 -A SIDE-
SUFFIX: -12

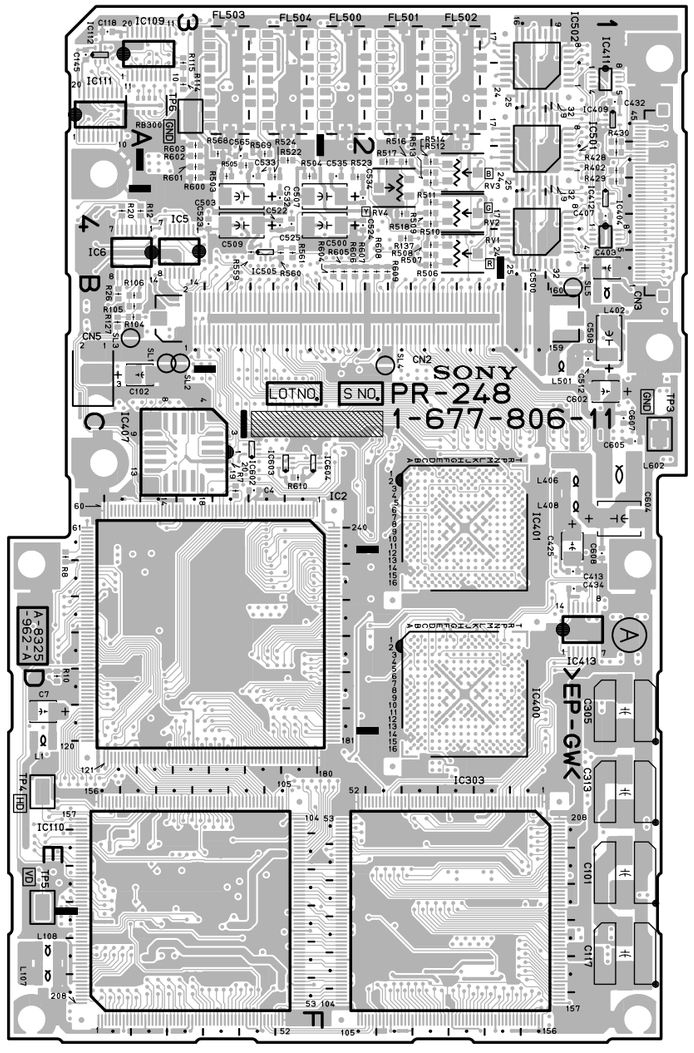


PR-248 -B SIDE-
SUFFIX: -12

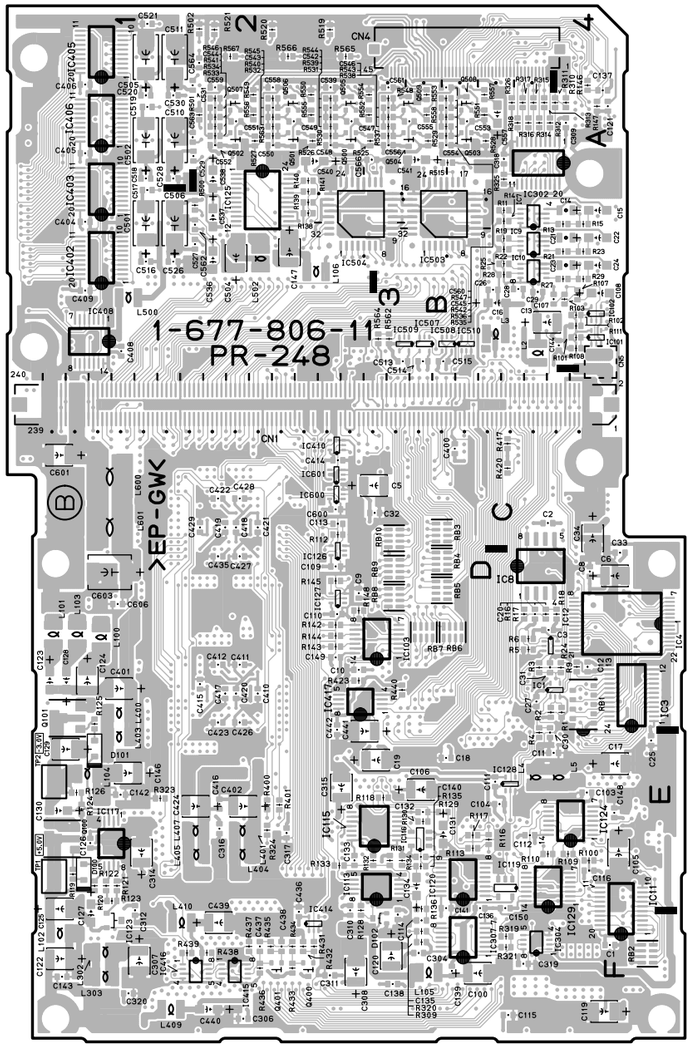
R15	*B4	R433	*F2	RB3	*C3
R16	*D3	R434	*F2	RB4	*D3
R17	*D3	R435	*F2	RB5	*D3
R18	*D4	R436	*F2	RB6	*D3
R19	*B3	R437	*F2	RB7	*D3
R20	B4	R438	*F2	RB8	*D3
R21	*B4	R439	*F1	RB9	*D3
R22	*B3	R440	*D3	RB10	*C3
R23	*B4	R500	*B2	RB300	A3
R24	*D4	R501	*A2		
R25	*B3	R502	*A2	RV1	B2
R26	B4	R503	A3	RV2	B2
R27	*B4	R504	A3	RV3	A2
R28	*B3	R505	A3	RV4	A2
R29	*B4	R506	B2		
R100	*E4	R507	B2	SL1	B3
R101	*B4	R508	B2	SL2	B3
R102	*B4	R509	B2	SL3	B4
R103	*B4	R510	B2	SL4	B2
R104	B4	R511	B2	SL5	B1
R105	B4	R512	A2		
R106	B4	R513	A2	TP1	*E1
R107	*B4	R514	A2	TP2	*E1
R108	*B4	R515	*A3	TP3	C1
R109	*E4	R516	A2	TP4	E4
R110	*E3	R517	A2	TP5	E4
R111	*B4	R518	B2	TP6	A3
R112	*C2	R519	*A2		
R113	*E3	R520	*A2	*:B SIDE	
R114	A3	R521	*A2		
R115	A3	R522	A3		
R116	*E3	R523	A2		
R117	*E3	R524	A3		
R118	*E3	R525	*A2		
R119	*E1	R526	*A2		
R120	*E1	R527	*A2		
R121	*E1	R528	*A3		
R122	*E1	R529	*A3		
R123	*E1	R530	*A2		
R124	*E1	R531	*A2		
R125	*D1	R532	*A2		
R126	*E1	R533	*A2		
R127	B4	R534	*A2		
R128	*E2	R535	*A3		
R129	*E3	R536	*A3		
R130	*E3	R537	*A3		
R131	*E3	R538	*A3		
R132	*E2	R539	*A2		
R133	*E2	R540	*A2		
R134	*E3	R541	*A2		
R135	*E3	R542	*A3		
R136	*E3	R543	*A3		
R137	B2	R544	*A2		
R138	*B2	R545	*A2		
R139	*B2	R546	*A2		
R140	*A2	R547	*A3		
R141	*B2	R548	*A3		
R142	*D2	R549	*A2		
R143	*D2	R550	*A2		
R144	*D2	R551	*A3		
R145	*D2	R552	*A2		
R146	*A4	R553	*A3		
R147	*A4	R554	*A2		
R148	*D2	R555	*A2		
R309	*F3	R556	*A2		
R310	*A4	R557	*A3		
R311	*A4	R558	*A3		
R312	*A3	R559	B3		
R313	*A3	R560	B3		
R314	*A3	R561	B3		
R315	*A3	R562	*B3		
R316	*A3	R563	*A2		
R317	*A3	R564	*B3		
R318	*A3	R565	*A2		
R319	*F3	R566	*A2		
R320	*F3	R567	*A2		
R321	*F3	R568	A3		
R323	*E1	R569	A3		
R324	*E2	R600	A3		
R325	*A3	R601	A3		
R326	*A3	R602	A3		
R400	*E2	R603	A3		
R401	*E2	R604	B2		
R402	A1	R605	B2		
R417	*C3	R606	B2		
R420	*C3	R607	B2		
R423	*D2	R608	B2		
R428	A1	R609	B2		
R429	A1	R610	C3		
R430	A1				
R431	*F2	RB1	*D4		
R432	*F2	RB2	*F4		

PR-248 (1-677-806-11)

C1	*F4	C311	*F2	C542	*A2	IC405	*A1	R15	*B4	R433	*F2	RB3	*C3
C2	*C3	C312	*E1	C543	*A2	IC406	*A1	R16	*D3	R434	*F2	RB4	*D3
C3	*D3	C313	E1	C544	*A2	IC407	C3	R17	*D3	R435	*F2	RB5	*D3
C4	C3	C314	*E1	C545	*A3	IC408	*B1	R18	*D4	R436	*F2	RB6	*D3
C5	*C3	C315	*E2	C546	*A3	IC409	A1	R19	*B3	R437	*F2	RB7	*D3
C6	*D4	C316	*E2	C547	*A2	IC410	*C2	R20	B4	R438	*F2	RB8	*D3
C7	D4	C317	*E2	C548	*A2	IC411	A1	R21	*B4	R439	*F1	RB9	*D3
C8	*D4	C318	*A3	C549	*A2	IC412	B1	R22	*B3	R440	*D3	RB10	*C3
C9	*D2	C319	*F3	C550	*A2	IC413	D1	R23	*B4	R500	*B2	RB300	A3
C10	*D2	C320	*F1	C551	*A2	IC414	*F2	R24	*D4	R501	*A2		
C11	*E3	C400	*C3	C552	*A2	IC415	*F2	R25	*B3	R502	*A2	RV1	B2
C12	*D4	C401	*D1	C553	*A3	IC416	*F2	R26	B4	R503	A3	RV2	B2
C13	*B3	C402	*E2	C554	*A3	IC417	*D3	R27	*B4	R504	A3	RV3	A2
C14	*B4	C403	B1	C555	*A3	IC500	B1	R28	*B3	R505	A3	RV4	A2
C15	*B4	C404	*B1	C556	*A3	IC501	A1	R29	*B4	R506	B2		
C16	*B3	C405	*A1	C557	*A3	IC502	A1	R100	*E4	R507	B2	SL1	B3
C17	*E4	C406	*A1	C558	*A2	IC503	*B3	R101	*B4	R508	B2	SL2	B3
C18	*E3	C407	B1	C559	*A2	IC504	*B2	R102	*B4	R509	B2	SL3	B4
C19	*E3	C408	*B1	C560	*A3	IC505	B3	R103	*B4	R510	B2	SL4	B2
C20	*D3	C409	*B1	C561	*A3	IC507	*B3	R104	B4	R511	B2	SL5	B1
C21	*B4	C410	*D2	C562	*B2	IC508	*B3	R105	B4	R512	A2		
C22	*B4	C411	*D2	C563	*A1	IC509	*B3	R106	B4	R513	A2	TP1	*E1
C23	*B4	C412	*D2	C564	*A2	IC510	*B3	R107	*B4	R514	A2	TP2	*E1
C24	*B4	C413	D1	C565	A3	IC600	*C2	R108	*B4	R515	*A3	TP3	C1
C25	*E4	C414	*C2	C566	*A2	IC601	*C2	R109	*E4	R516	A2	TP4	E4
C26	*B3	C415	*D2	C600	*C2	IC602	C3	R110	*E3	R517	A2	TP5	E4
C27	*D3	C416	*E2	C601	*C1	IC603	C3	R111	*B4	R518	B2	TP6	A3
C28	*B3	C417	*D2	C602	C1	IC604	C3	R112	*C2	R519	*A2		
C29	*B3	C418	*C2	C603	*D1			R113	*E3	R520	*A2	*:B SIDE	
C30	*E3	C419	*C2	C604	C1	L1	E4	R114	A3	R521	*A2		
C31	*D3	C420	*D2	C605	C1	L2	*B3	R115	A3	R522	A3		
C32	*C3	C421	*C2	C606	*D1	L3	*B3	R116	*E3	R523	A2		
C33	*D4	C422	*C2	C607	C1	L4	*E3	R117	*E3	R524	A3		
C34	*C4	C423	*D2	C608	D1	L5	*E4	R118	*E3	R525	*A2		
C100	*F3	C424	*E2			L100	*D1	R119	*E1	R526	*A2		
C101	E1	C425	C1	CN1	*C2	L101	*D1	R120	*E1	R527	*A2		
C102	C3	C426	*D2	CN2	B2	L102	*F1	R121	*E1	R528	*A3		
C103	*E4	C427	*D2	CN3	B1	L103	*D1	R122	*E1	R529	*A3		
C104	*E3	C428	*C2	CN4	*A3	L104	*E1	R123	*E1	R530	*A2		
C105	*E4	C429	*C2	CN5	B4	L105	*F3	R124	*E1	R531	*A2		
C106	*E3	C432	A1			L106	*B2	R125	*D1	R532	*A2		
C107	*B3	C434	D1	D100	*E1	L107	F4	R126	*E1	R533	*A2		
C108	*B4	C435	*D2	D101	*E1	L108	F4	R127	B4	R534	*A2		
C109	*D2	C436	*F2	D102	*F3	L302	*F1	R128	*E2	R535	*A3		
C110	*D2	C437	*F2			L303	*F1	R129	*E3	R536	*A3		
C111	*E3	C438	*F2	FL500	A2	L400	*D1	R130	*E3	R537	*A3		
C112	*E3	C439	*F2	FL501	A2	L401	*E2	R131	*E3	R538	*A3		
C113	*C2	C440	*F2	FL502	A2	L402	B1	R132	*E2	R539	*A2		
C114	*F3	C441	*E2	FL503	A3	L403	*E1	R133	*E2	R540	*A2		
C115	*F3	C442	*D2	FL504	A3	L404	*E2	R134	*E3	R541	*A2		
C116	*E4	C500	B2			L405	*E2	R135	*E3	R542	*A3		
C117	F1	C501	*B1	IC1	*D4	L406	C1	R136	*E3	R543	*A3		
C118	A4	C502	*A1	IC2	D3	L407	*E2	R137	B2	R544	*A2		
C119	*F4	C503	B3	IC3	*D4	L408	C1	R138	*B2	R545	*A2		
C120	*F3	C504	*B2	IC4	*D4	L409	*F1	R139	*B2	R546	*A2		
C121	*A4	C505	*A1	IC5	B3	L410	*F1	R140	*A2	R547	*A3		
C122	*F1	C506	*B1	IC6	B3	L500	*B1	R141	*B2	R548	*A3		
C123	*D1	C507	B2	IC7	*B3	L501	B1	R142	*D2	R549	*A2		
C124	*D1	C508	B1	IC8	*D3	L502	*B2	R143	*D2	R550	*A2		
C125	*E1	C509	B3	IC9	*B3	L600	*C1	R144	*D2	R551	*A3		
C126	*E1	C510	*A1	IC10	*B3	L601	*C1	R145	*D2	R552	*A2		
C127	*F1	C511	*A1	IC11	*F4	L602	C1	R146	*A4	R553	*A3		
C128	*D1	C512	B1	IC12	*D3			R147	*A4	R554	*A2		
C129	*E1	C513	*B3	IC101	*B4	Q100	*E1	R148	*D2	R555	*A2		
C130	*E1	C514	*B3	IC102	*B4	Q101	*D1	R309	*F3	R556	*A2		
C131	*E3	C515	*B3	IC103	*D3	Q400	*F2	R310	*A4	R557	*A3		
C132	*E3	C516	*B1	IC109	A4	Q401	*F2	R311	*A4	R558	*A3		
C133	*E2	C517	*B1	IC110	E3	Q500	*A2	R312	*A3	R559	B3		
C134	*E3	C518	*A1	IC111	A4	Q501	*A2	R313	*A3	R560	B3		
C135	*F3	C519	*A1	IC112	A4	Q502	*A2	R314	*A3	R561	B3		
C136	*E3	C520	*A1	IC113	*E3	Q503	*A3	R315	*A3	R562	*B3		
C137	*A4	C521	*A1	IC115	*E3	Q504	*A3	R316	*A3	R563	*A2		
C138	*F3	C522	B3	IC116	*E3	Q505	*A2	R317	*A3	R564	*B3		
C139	*F3	C523	B3	IC117	*E1	Q506	*A2	R318	*A3	R565	*A2		
C140	*E3	C524	B2	IC119	*E3	Q507	*A2	R319	*F3	R566	*A2		
C141	*E3	C525	B3	IC120	*E3	Q508	*A3	R320	*F3	R567	*A2		
C142	*E1	C526	*B1	IC123	*F1	Q509	*A3	R321	*F3	R568	A3		
C143	*F1	C527	*B2	IC124	*E4			R323	*E1	R569	A3		
C144	*B4	C528	*A1	IC125	*A2	R1	*D4	R324	*E2	R600	A3		
C145	A4	C529	*A2	IC126	*D2	R2	*D3	R325	*A3	R601	A3		
C146	*E1	C530	*A1	IC127	*D2	R3	*D3	R326	*A3	R602	A3		
C147	*B2	C531	*A1	IC128	*E3	R4	*E3	R400	*E2	R603	A3		
C148	*E4	C532	B3	IC129	*E4	R5	*D3	R401	*E2	R604	B2		
C149	*D2	C533	A3	IC302	*A4	R6	*D3	R402	A1	R605	B2		
C150	*E3	C534	B2	IC303	E2	R7	C3	R417	*C3	R606	B2		
C304	*F3	C535	A2	IC304	*F3	R8	D4	R420	*C3	R607	B2		
C305	D1	C536	*B2	IC307	*F3	R9	*D4	R423	*D2	R608	B2		
C306	*F2	C537	*B2	IC400	D2	R10	D4	R428	A1	R609	B2		
C307	*F1	C538	*A2	IC401	C2	R11	*B3	R429	A1	R610	C3		
C308	*F2	C539	*A2	IC402	*B1	R12	B3	R430	A1				
C309	*A4	C540	*A2	IC403	*B1	R13	*B4	R431	*F2	RB1	*D4		
C310	*E2	C541	*A3	IC404	B1	R14	*B3	R432	*F2	RB2	*F4		



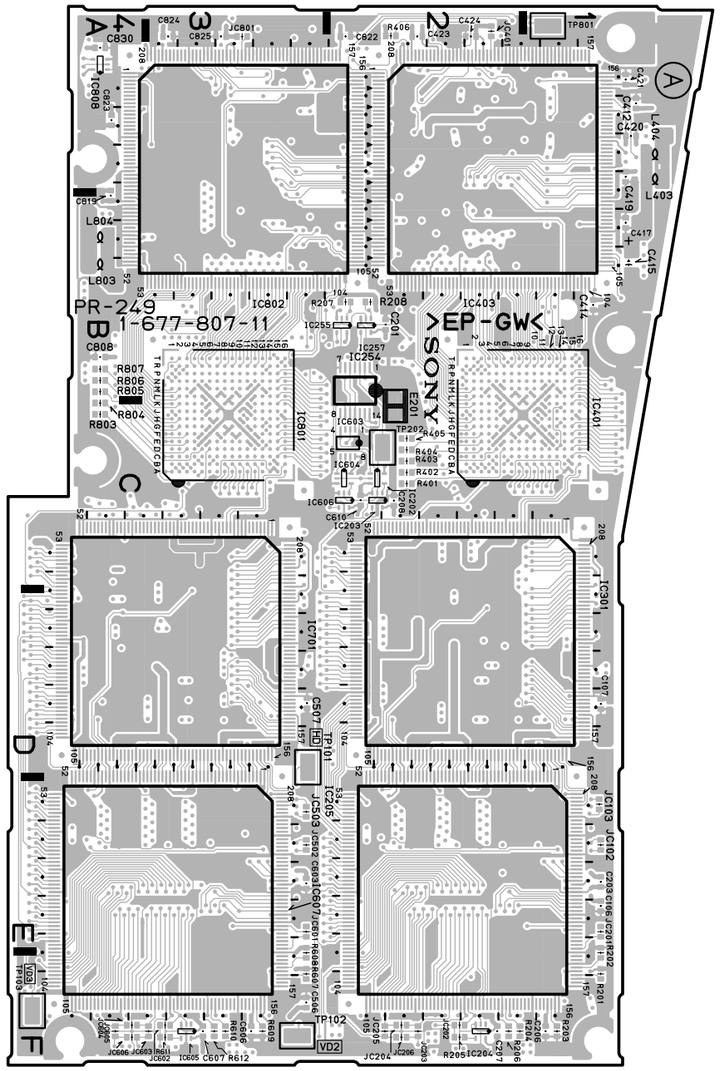
PR-248 -A SIDE-
SUFFIX: -11



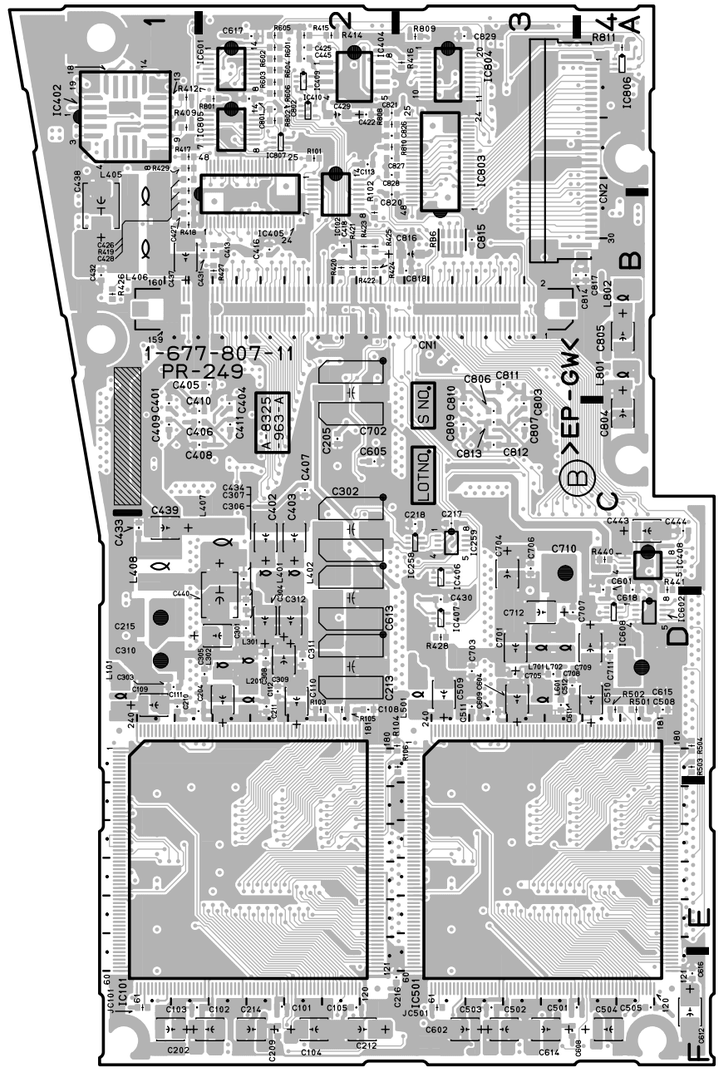
PR-248 -B SIDE-
SUFFIX: -11

PR-249 (1-677-807-11)

C101	*F2	C509	*D3	IC501	*E3	R423	*B2
C102	*F2	C510	*D4	IC601	*A2	R424	*B2
C103	*F1	C511	*D3	IC602	*D4	R425	*B2
C104	*F2	C512	*D3	IC603	C2	R426	*B1
C105	*F2	C601	*C4	IC604	C2	R427	*B2
C106	E1	C602	*F3	IC605	F3	R428	*D3
C107	D1	C603	E3	IC606	C2	R429	*A1
C108	*D2	C604	*D3	IC607	E3	R440	*C4
C109	*D1	C605	*C2	IC608	*D4	R441	*C4
C110	*D2	C606	F3	IC701	D3	R501	*D4
C111	*D1	C607	F3	IC801	C3	R502	*D4
C112	*D2	C608	*F3	IC802	A3	R503	*D4
C113	*A2	C609	*D3	IC803	*B3	R504	*D4
C201	B2	C610	C2	IC804	*A3	R601	*A2
C202	*F1	C611	*D3	IC805	*A2	R602	*A2
C203	E1	C612	*F4	IC806	*A4	R603	*A2
C204	*D2	C613	*D2	IC807	*A2	R604	*A2
C205	*C2	C614	*F3	IC808	A4	R605	*A2
C206	F1	C615	*D4			R606	*A2
C207	F2	C616	*F4	JC101	*F1	R607	F3
C208	C2	C617	*A2	JC102	E1	R608	F3
C209	*F2	C618	*C4	JC103	E1	R609	F3
C210	*D1	C701	*D3	JC201	E1	R610	F3
C211	*D2	C702	*B2	JC202	F2	R611	F3
C212	*F2	C703	*D3	JC203	F2	R612	F3
C213	*D2	C704	*C3	JC204	F2	R801	*A2
C214	*F2	C705	*D3	JC205	F2	R802	*A2
C215	*D1	C706	*C3	JC206	F2	R803	C4
C216	*F3	C707	*D3	JC401	A2	R804	C4
C217	*C3	C708	*D3	JC501	*F3	R805	B4
C218	*C3	C709	*D4	JC502	E3	R806	B4
C301	*D2	C710	*C3	JC503	E3	R807	B4
C302	*C2	C711	*D4	JC601	E3	R808	*A2
C303	*D1	C712	*D3	JC602	F3	R809	*A3
C304	*D2	C801	*A2	JC603	F3	R810	*A2
C305	*D2	C802	*A2	JC604	F4	R811	*A4
C306	*D2	C803	*C3	JC605	F4		
C307	*D2	C804	*C4	JC606	F4	RB6	*B3
C308	*D2	C805	*B4	JC801	A3		
C309	*D2	C806	*C3			TP101	D3
C310	*D1	C807	*C3	L101	*D1	TP102	F3
C311	*D2	C808	B4	L201	*D2	TP103	F4
C312	*D2	C809	*C3	L301	*D2	TP202	C2
C401	*C1	C810	*C3	L302	*D2	TP801	A1
C402	*C2	C811	*B3	L401	*C2		
C403	*C2	C812	*C3	L402	*C2	*:B SIDE	
C404	*C2	C813	*C3	L403	A1		
C405	*B2	C814	*B3	L404	A1		
C406	*C2	C815	*B3	L405	*B1		
C407	*C2	C816	*B3	L406	*B1		
C408	*C2	C817	*B4	L407	*C2		
C409	*C1	C818	*B3	L408	*C1		
C410	*C2	C819	B4	L501	*D3		
C411	*C2	C820	*B2	L601	*D3		
C412	A1	C821	*A2	L701	*D3		
C413	*B2	C822	A2	L702	*D3		
C414	B1	C823	A4	L801	*B4		
C415	B1	C824	A3	L802	*B4		
C416	*B2	C825	A3	L803	B4		
C417	B1	C826	*A2	L804	B4		
C418	*B2	C827	*A2				
C419	A1	C828	*A2	R101	*A2		
C420	A1	C829	*A3	R102	*B2		
C421	A1	C830	A4	R103	*D2		
C422	*A2			R104	*D3		
C423	A2	CN1	*B2	R105	*D2		
C424	A2	CN2	*A3	R106	*D3		
C425	*A2			R201	F1		
C426	*A1	E201	C2	R202	F1		
C427	*B1			R203	F1		
C428	*B1	IC101	*E2	R204	F2		
C429	*A2	IC102	*A2	R205	F2		
C430	*D3	IC202	C2	R206	F2		
C431	*B2	IC203	C2	R207	B2		
C432	*B1	IC204	F2	R208	B2		
C433	*C1	IC205	E2	R401	C2		
C434	*C2	IC254	B2	R402	C2		
C437	*B1	IC255	B2	R403	C2		
C438	*B1	IC257	B2	R404	C2		
C439	*C1	IC258	*C3	R405	C2		
C440	*D2	IC259	*C3	R406	A2		
C443	*C4	IC301	D2	R409	*A1		
C444	*C4	IC401	C1	R412	*A1		
C445	*A2	IC402	*A1	R414	*A2		
C501	*F4	IC403	A2	R415	*A2		
C502	*F3	IC404	*A2	R416	*A3		
C503	*F3	IC405	*B2	R417	*A1		
C504	*F4	IC406	*C3	R418	*B1		
C505	*F4	IC407	*D3	R419	*A1		
C506	F3	IC408	*C4	R420	*B2		
C507	D3	IC409	*A2	R421	*B2		
C508	*D4	IC410	*A2	R422	*B2		



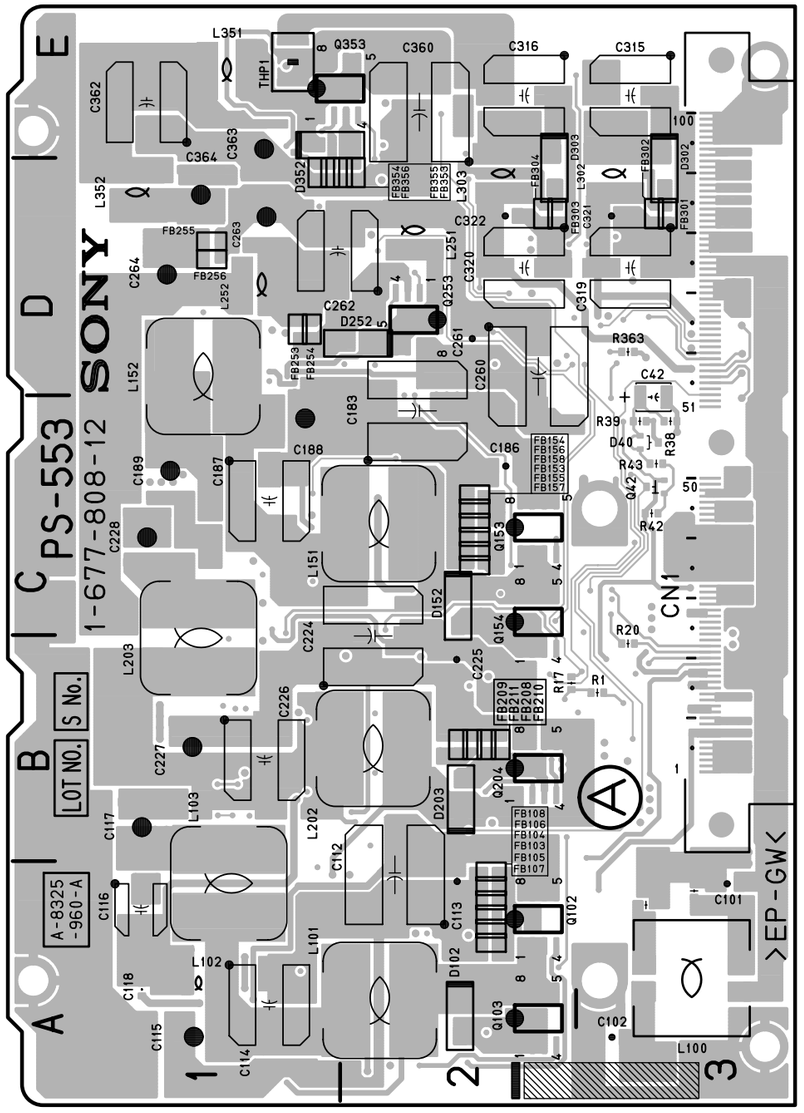
PR-249 -A SIDE-
SUFFIX: -11



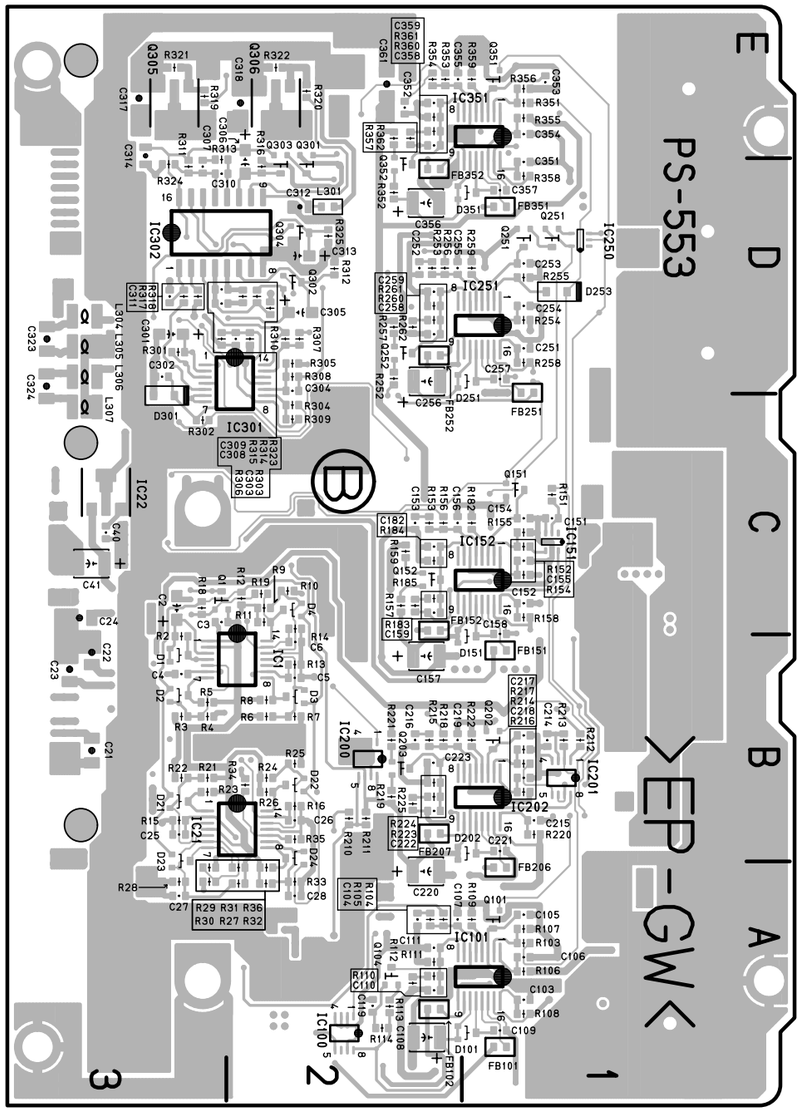
PR-249 -B SIDE-
SUFFIX: -11

PS-553 (1-677-808-12)

C2	*C3	C314	*E3	IC21	*B3
C3	*C3	C315	E3	IC22	*C3
C4	*B3	C316	E2	IC100	*A2
C5	*B2	C317	*E3	IC101	*A1
C6	*B2	C318	*E2	IC151	*C1
C21	*B3	C319	D3	IC152	*C1
C22	*B3	C320	D2	IC200	*B2
C23	*B3	C321	D3	IC201	*B1
C24	*C3	C322	D2	IC202	*B1
C25	*B3	C323	*D3	IC250	*D1
C26	*B2	C324	*D3	IC251	*D1
C27	*A3	C351	*D1	IC301	*D3
C28	*A2	C352	*E2	IC302	*D3
C40	*C3	C353	*E1	IC351	*E1
C41	*C3	C354	*E1		
C42	C3	C355	*E2	L100	A3
C101	A3	C356	*D2	L101	A2
C102	A3	C357	*D1	L102	A1
C103	*A1	C358	*E2	L103	A1
C104	*A2	C359	*E2	L151	C2
C105	*A1	C360	E2	L152	D1
C106	*A1	C361	*E2	L202	B2
C107	*A2	C362	E1	L203	B1
C108	*A2	C363	E1	L251	D2
C109	*A1	C364	D1	L252	D1
C110	*A2			L301	*D2
C111	*A2	CN1	C3	L302	D3
C112	A2			L303	D2
C113	A2	D1	*B3	L304	*D3
C114	A1	D2	*B3	L305	*D3
C115	A1	D3	*B2	L306	*D3
C116	A1	D4	*C2	L307	*C3
C117	B1	D21	*B3	L351	E1
C118	A1	D22	*B2	L352	D1
C119	*A2	D23	*B3		
C151	*C1	D24	*B2	Q1	*C3
C152	*C1	D40	C3	Q42	C3
C153	*C2	D101	*A1	Q101	*A1
C154	*C1	D102	A2	Q102	A2
C155	*C1	D151	*B1	Q103	A2
C156	*C2	D152	C2	Q104	*A2
C157	*B2	D202	*B1	Q151	*C1
C158	*C1	D203	B2	Q152	*C2
C159	*C2	D251	*D1	Q153	C2
C182	*C2	D252	D2	Q154	C2
C183	C2	D253	*D1	Q202	*B1
C186	C2	D301	*C3	Q203	*B2
C187	C1	D302	D3	Q204	B2
C188	C1	D303	D2	Q250	*D1
C189	C1	D351	*D1	Q251	*D1
C214	*B1	D352	E1	Q252	*D2
C215	*B1			Q253	D2
C216	*B2	FB101	*A1	Q301	*D2
C217	*B1	FB102	*A2	Q302	*D2
C218	*B1	FB103	A2	Q303	*D2
C219	*B2	FB104	A2	Q304	*D2
C220	*A2	FB105	A2	Q305	*E3
C221	*B1	FB106	A2	Q306	*E2
C222	*B2	FB107	A2	Q351	*E1
C223	*B2	FB108	A2	Q352	*D2
C224	B2	FB151	*B1	Q353	E1
C225	B2	FB152	*C2		
C226	B1	FB153	C2	R1	B3
C227	B1	FB154	C2	R2	*B3
C228	C1	FB155	C2	R3	*B3
C251	*D1	FB156	C2	R4	*B3
C252	*D2	FB157	C2	R5	*B3
C253	*D1	FB158	C2	R6	*B2
C254	*D1	FB206	*A1	R7	*B2
C255	*D2	FB207	*B2	R8	*B2
C256	*D2	FB208	B2	R9	*C2
C257	*D1	FB209	B2	R10	*C2
C258	*D2	FB210	B2	R11	*C2
C259	*D2	FB211	B2	R12	*C2
C260	D2	FB251	*D1	R13	*B2
C261	D2	FB252	*D2	R14	*C2
C262	D1	FB253	D1	R15	*B3
C263	D1	FB254	D1	R16	*B2
C264	D1	FB255	D1	R17	B2
C301	*D3	FB256	D1	R18	*C3
C302	*D3	FB301	D3	R19	*C2
C303	*D2	FB302	D3	R20	B3
C304	*D2	FB303	D2	R21	*B3
C305	*D2	FB304	D2	R22	*B3
C306	*D2	FB351	*D1	R23	*B3
C307	*D3	FB352	*D2	R24	*B2
C308	*D3	FB353	D2	R25	*B2
C309	*D3	FB354	D1	R26	*B2
C310	*D3	FB355	D2	R27	*A2
C311	*D3	FB356	D1	R28	*A3
C312	*D2			R29	*A3
C313	*D2	IC1	*B3	R30	*A3



PS-553 -A SIDE-
SUFFIX: -12



PS-553 -B SIDE-
SUFFIX: -12

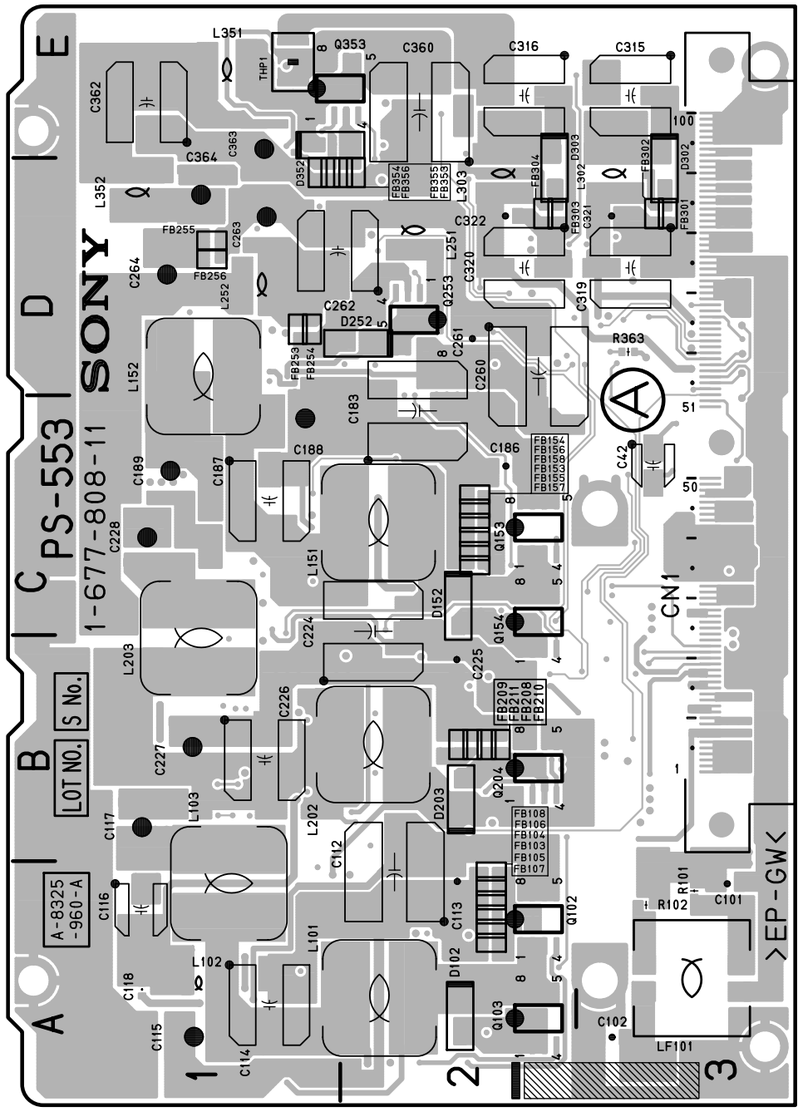
R31	*A2	R354	*E2
R32	*A2	R355	*E1
R33	*A2	R356	*E1
R34	*B2	R357	*E2
R35	*B2	R358	*D1
R36	*A2	R359	*E1
R38	C3	R360	*E2
R39	C3	R361	*E2
R42	C3	R362	*E2
R43	C3	R363	D3
R101	A3		
R102	A3	THP1	E1
R103	*A1		
R104	*A2	*:B SIDE	
R105	*A2		
R106	*A1		
R107	*A1		
R108	*A1		
R109	*A1		
R110	*A2		
R111	*A2		
R112	*A2		
R113	*A2		
R114	*A2		
R151	*C1		
R152	*C1		
R153	*C2		
R154	*C1		
R155	*C1		
R156	*C2		
R157	*C2		
R158	*C1		
R159	*C2		
R182	*C1		
R183	*C2		
R184	*C2		
R185	*C2		
R210	*B2		
R211	*B2		
R212	*B1		
R213	*B1		
R214	*B1		
R215	*B2		
R216	*B1		
R217	*B1		
R218	*B2		
R219	*B2		
R220	*B1		
R221	*B2		
R222	*B1		
R223	*B2		
R224	*B2		
R225	*B2		
R252	*D2		
R253	*D2		
R254	*D1		
R255	*D1		
R256	*D2		
R257	*D2		
R258	*D1		
R259	*D1		
R260	*D2		
R261	*D2		
R262	*D2		
R301	*D3		
R302	*C3		
R303	*D2		
R304	*C2		
R305	*D2		
R306	*D3		
R307	*D2		
R308	*D2		
R309	*C2		
R310	*D2		
R311	*D3		
R312	*D2		
R313	*D3		
R314	*D2		
R315	*D2		
R316	*D2		
R317	*D3		
R318	*D3		
R319	*E3		
R320	*E2		
R321	*E3		
R322	*E2		
R323	*D2		
R324	*D3		
R325	*D2		
R351	*E1		
R352	*D2		
R353	*E2		

PS-553 (1-677-808-11)

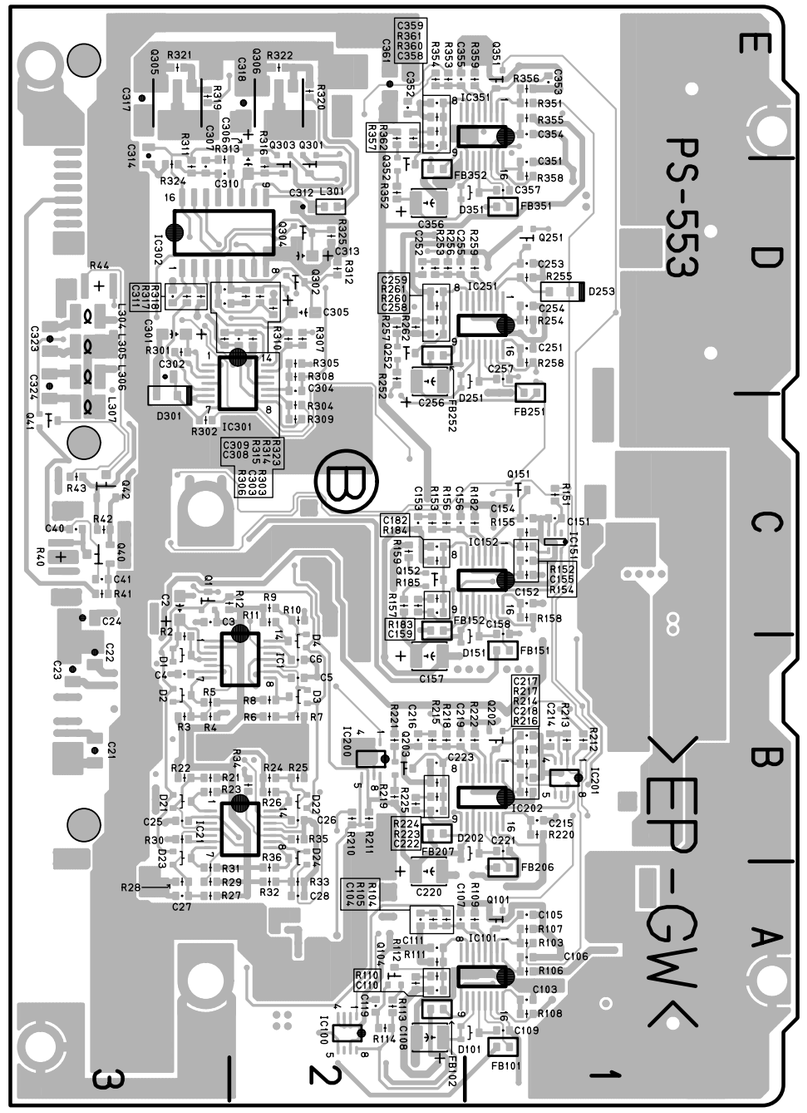
C2	*C3	C314	*E3	IC100	*A2	R44	*D3
C3	*C3	C315	E3	IC101	*A1	R101	A3
C4	*B3	C316	E2	IC151	*C1	R102	A3
C5	*B2	C317	*E3	IC152	*C1	R103	*A1
C6	*B2	C318	*E2	IC200	*B2	R104	*A2
C21	*B3	C319	D3	IC201	*B1	R105	*A2
C22	*B3	C320	D2	IC202	*B1	R106	*A1
C23	*B3	C321	D3	IC251	*D1	R107	*A1
C24	*C3	C322	D2	IC301	*D3	R108	*A1
C25	*B3	C323	*D3	IC302	*D3	R109	*A1
C26	*B2	C324	*D3	IC351	*E1	R110	*A2
C27	*A3	C351	*D1			R111	*A2
C28	*A2	C352	*E2	L101	A2	R112	*A2
C40	*C3	C353	*E1	L102	A1	R113	*A2
C41	*C3	C354	*E1	L103	A1	R114	*A2
C42	C3	C355	*E2	L151	C2	R151	*C1
C101	A3	C356	*D2	L152	D1	R152	*C1
C102	A3	C357	*D1	L202	B2	R153	*C2
C103	*A1	C358	*E2	L203	B1	R154	*C1
C104	*A2	C359	*E2	L251	D2	R155	*C1
C105	*A1	C360	E2	L252	D1	R156	*C2
C106	*A1	C361	*E2	L301	*D2	R157	*C2
C107	*A2	C362	E1	L302	D3	R158	*C1
C108	*A2	C363	E1	L303	D2	R159	*C2
C109	*A1	C364	D1	L304	*D3	R182	*C1
C110	*A2			L305	*D3	R183	*C2
C111	*A2	CN1	C3	L306	*D3	R184	*C2
C112	A2			L307	*C3	R185	*C2
C113	A2	D1	*B3	L351	E1	R210	*B2
C114	A1	D2	*B3	L352	D1	R211	*B2
C115	A1	D3	*B2			R212	*B1
C116	A1	D4	*B2	LF101	A3	R213	*B1
C117	B1	D21	*B3			R214	*B1
C118	A1	D22	*B2	Q1	*C3	R215	*B2
C119	*A2	D23	*B3	Q40	*C3	R216	*B1
C151	*C1	D24	*B2	Q41	*C3	R217	*B1
C152	*C1	D101	*A1	Q42	*C3	R218	*B2
C153	*C2	D102	A2	Q101	*A1	R219	*B2
C154	*C1	D151	*B1	Q102	A2	R220	*B1
C155	*C1	D152	C2	Q103	A2	R221	*B2
C156	*C2	D202	*B1	Q104	*A2	R222	*B1
C157	*B2	D203	B2	Q151	*C1	R223	*B2
C158	*C1	D251	*D1	Q152	*C2	R224	*B2
C159	*C2	D252	D2	Q153	C2	R225	*B2
C182	*C2	D253	*D1	Q154	C2	R252	*D2
C183	C2	D301	*C3	Q202	*B1	R253	*D2
C186	C2	D302	D3	Q203	*B2	R254	*D1
C187	C1	D303	D2	Q204	B2	R255	*D1
C188	C1	D351	*D1	Q251	*D1	R256	*D2
C189	C1	D352	E1	Q252	*D2	R257	*D2
C214	*B1			Q253	D2	R258	*D1
C215	*B1	FB101	*A1	Q301	*D2	R259	*D1
C216	*B2	FB102	*A2	Q302	*D2	R260	*D2
C217	*B1	FB103	A2	Q303	*D2	R261	*D2
C218	*B1	FB104	A2	Q304	*D2	R262	*D2
C219	*B2	FB105	A2	Q305	*E3	R301	*D3
C220	*A2	FB106	A2	Q306	*E2	R302	*C3
C221	*B1	FB107	A2	Q351	*E1	R303	*D2
C222	*B2	FB108	A2	Q352	*D2	R304	*C2
C223	*B2	FB151	*B1	Q353	E1	R305	*D2
C224	C2	FB152	*C2			R306	*D3
C225	B2	FB153	C2	R2	*B3	R307	*D2
C226	B1	FB154	C2	R3	*B3	R308	*D2
C227	B1	FB155	C2	R4	*B3	R309	*C2
C228	C1	FB156	C2	R5	*B3	R310	*D2
C251	*D1	FB157	C2	R6	*B2	R311	*D3
C252	*D2	FB158	C2	R7	*B2	R312	*D2
C253	*D1	FB206	*A1	R8	*B2	R313	*D3
C254	*D1	FB207	*B2	R9	*C2	R314	*D2
C255	*D2	FB208	B2	R10	*C2	R315	*D2
C256	*D2	FB209	B2	R11	*C2	R316	*D2
C257	*D1	FB210	B2	R12	*C2	R317	*D3
C258	*D2	FB211	B2	R21	*B3	R318	*D3
C259	*D2	FB251	*D1	R22	*B3	R319	*E3
C260	D2	FB252	*D2	R23	*B3	R320	*E2
C261	D2	FB253	D1	R24	*B2	R321	*E3
C262	D1	FB254	D1	R25	*B2	R322	*E2
C263	D1	FB255	D1	R26	*B2	R323	*D2
C264	D1	FB256	D1	R27	*A3	R324	*D3
C301	*D3	FB301	D3	R28	*A3	R325	*D2
C302	*D3	FB302	D3	R29	*A3	R351	*E1
C303	*D2	FB303	D2	R30	*B3	R352	*D2
C304	*D2	FB304	D2	R31	*A3	R353	*E2
C305	*D2	FB351	*D1	R32	*A2	R354	*E2
C306	*D2	FB352	*D2	R33	*A2	R355	*E1
C307	*D3	FB353	D2	R34	*B2	R356	*E1
C308	*D3	FB354	D1	R35	*B2	R357	*E2
C309	*D3	FB355	D2	R36	*A2	R358	*D1
C310	*D3	FB356	D1	R40	*C3	R359	*E1
C311	*D3			R41	*C3	R360	*E2
C312	*D2	IC1	*B3	R42	*C3	R361	*E2
C313	*D2	IC21	*B3	R43	*C3	R362	*E2

R363	D3
THP1	E1

*:B SIDE



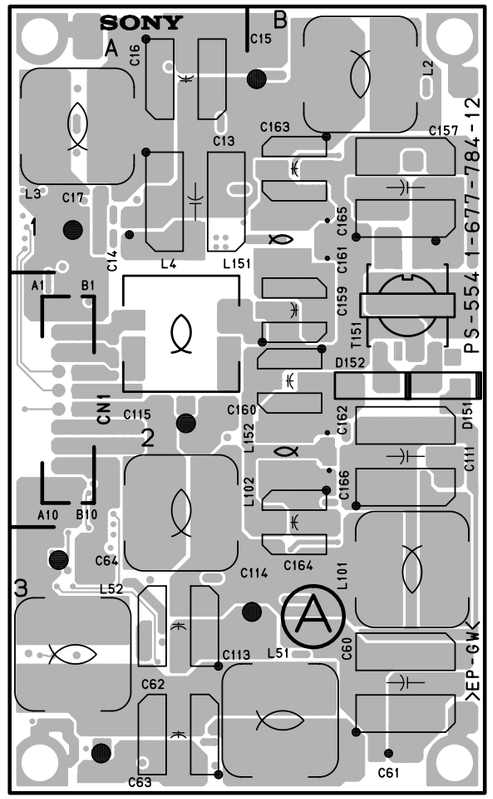
PS-553 -A SIDE-
SUFFIX: -11



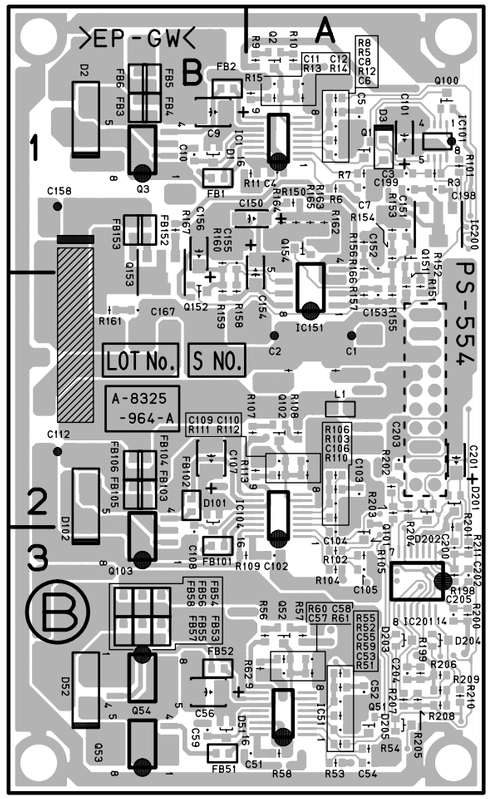
PS-553 -B SIDE-
SUFFIX: -11

PS-554 (1-677-784-12)

C1	*A2	FB3	*B1	R111	*A2
C2	*A2	FB4	*B1	R112	*A2
C3	*A1	FB5	*B1	R113	*A2
C4	*A1	FB6	*B1	R150	*A1
C5	*A1	FB51	*B3	R151	*A2
C6	*A1	FB52	*B3	R152	*A2
C7	*A1	FB53	*B3	R153	*A1
C8	*A1	FB54	*B3	R154	*A1
C9	*B1	FB55	*B3	R155	*A2
C10	*B1	FB56	*B3	R156	*A1
C11	*A1	FB57	*B3	R157	*A2
C12	*A1	FB58	*B3	R158	*B2
C13	A1	FB101	*B3	R159	*B2
C14	A1	FB102	*B2	R160	*B1
C15	B1	FB103	*B2	R161	*B2
C16	A1	FB104	*B2	R162	*A1
C17	A1	FB105	*B2	R163	*A1
C51	*A3	FB106	*B2	R164	*A1
C52	*A3	FB152	*B1	R165	*A1
C53	*A3	FB153	*B1	R166	*A1
C54	*A3			R167	*B1
C55	*A3	IC1	*A1	R198	*A3
C56	*B3	IC51	*A3	R199	*A3
C57	*A3	IC101	*A1	R200	*A3
C58	*A3	IC104	*A3	R201	*A2
C59	*B3	IC151	*A2	R202	*A2
C60	B3	IC200	*A1	R203	*A2
C61	B3	IC201	*A3	R204	*A2
C62	A3			R205	*A3
C63	A3	L1	*A2	R206	*A3
C64	A3	L2	B1	R207	*A3
C101	*A1	L3	A1	R208	*A3
C102	*A3	L4	A2	R209	*A3
C103	*A2	L51	B3	R210	*A3
C104	*A3	L52	A3	R211	*A3
C105	*A3	L101	B3		
C106	*A2	L102	A2	T151	B2
C107	*B2	L151	B1		
C108	*B3	L152	B2	*:B SIDE	
C109	*A2				
C110	*A2	Q1	*A1		
C111	B2	Q2	*A1		
C112	*B2	Q3	*B1		
C113	A3	Q51	*A3		
C114	B3	Q52	*A3		
C115	A2	Q53	*B3		
C150	*A1	Q54	*B3		
C151	*A1	Q100	*A1		
C152	*A1	Q101	*A3		
C153	*A2	Q102	*A2		
C154	*A1	Q103	*B3		
C155	*B1	Q151	*A1		
C156	*B1	Q152	*B2		
C157	B1	Q153	*B1		
C158	*B1	Q154	*A1		
C159	B2				
C160	B2	R1	*A2		
C161	B1	R2	*A2		
C162	B2	R3	*A1		
C163	B1	R5	*A1		
C164	B2	R6	*A1		
C165	B1	R7	*A1		
C166	B2	R8	*A1		
C167	*B2	R9	*A1		
C198	*A1	R10	*A1		
C199	*A1	R11	*A1		
C200	*A3	R12	*A1		
C201	*A2	R13	*A1		
C202	*A3	R14	*A1		
C203	*A2	R15	*A1		
C204	*A3	R51	*A3		
C205	*A3	R52	*A3		
		R53	*A3		
CN1	A2	R54	*A3		
		R55	*A3		
D1	*B1	R56	*A3		
D2	*B1	R57	*A3		
D3	*A1	R58	*A3		
D51	*B3	R59	*A3		
D52	*B3	R60	*A3		
D101	*B2	R61	*A3		
D102	*B2	R62	*A3		
D151	B2	R101	*A1		
D152	B2	R102	*A3		
D201	*A2	R103	*A2		
D202	*A2	R104	*A3		
D203	*A3	R105	*A3		
D204	*A3	R106	*A2		
D205	*A3	R107	*A2		
		R108	*A2		
FB1	*B1	R109	*A3		
FB2	*B1	R110	*A2		



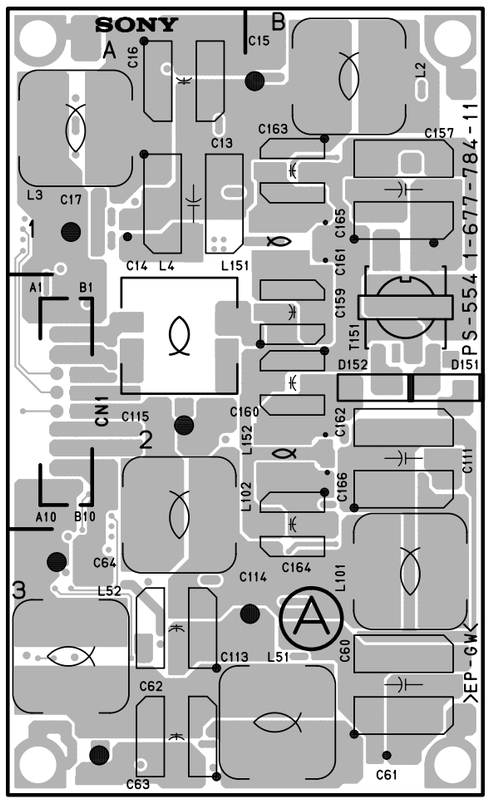
PS-554 -A SIDE-
SUFFIX: -12



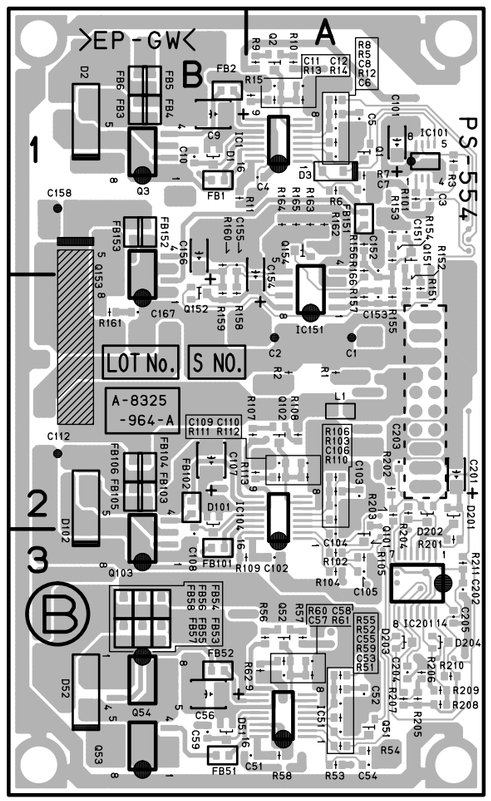
PS-554 -B SIDE-
SUFFIX: -12

PS-554 (1-677-784-11)

C1	*A2	FB52	*B3	R154	*A1
C2	*A2	FB53	*B3	R155	*A2
C3	*A1	FB54	*B3	R156	*A1
C4	*A1	FB55	*B3	R157	*A2
C5	*A1	FB56	*B3	R158	*B2
C6	*A1	FB57	*B3	R159	*B2
C7	*A1	FB58	*B3	R160	*B1
C8	*A1	FB101	*B3	R161	*B2
C9	*B1	FB102	*B2	R162	*A1
C10	*B1	FB103	*B2	R163	*A1
C11	*A1	FB104	*B2	R164	*A1
C12	*A1	FB105	*B2	R165	*A1
C13	A1	FB106	*B2	R166	*A1
C14	A1	FB151	*A1	R201	*A3
C15	B1	FB152	*B1	R202	*A2
C16	A1	FB153	*B1	R203	*A2
C17	A1			R204	*A2
C51	*A3	IC1	*A1	R205	*A3
C52	*A3	IC51	*A3	R206	*A3
C53	*A3	IC101	*A1	R207	*A3
C54	*A3	IC104	*A3	R208	*A3
C55	*A3	IC151	*A2	R209	*A3
C56	*B3	IC201	*A3	R210	*A3
C57	*A3			R211	*A3
C58	*A3	L1	*A2		
C59	*B3	L2	B1	T151	B2
C60	B3	L3	A1		
C61	B3	L4	A2	*:B SIDE	
C62	A3	L51	B3		
C63	A3	L52	A3		
C64	A3	L101	B3		
C101	*A1	L102	A2		
C102	*A3	L151	B1		
C103	*A2	L152	B2		
C104	*A3				
C105	*A3	Q1	*A1		
C106	*A2	Q2	*A1		
C107	*B2	Q3	*B1		
C108	*B3	Q51	*A3		
C109	*A2	Q52	*A3		
C110	*A2	Q53	*B3		
C111	B2	Q54	*B3		
C112	*B2	Q101	*A3		
C113	A3	Q102	*A2		
C114	B3	Q103	*B3		
C115	A2	Q151	*A1		
C151	*A1	Q152	*B2		
C152	*A1	Q153	*B1		
C153	*A2	Q154	*A1		
C154	*A1				
C155	*B1	R1	*A2		
C156	*B1	R2	*A2		
C157	B1	R3	*A1		
C158	*B1	R5	*A1		
C159	B2	R6	*A1		
C160	B2	R7	*A1		
C161	B1	R8	*A1		
C162	B2	R9	*A1		
C163	B1	R10	*A1		
C164	B2	R11	*B1		
C165	B1	R12	*A1		
C166	B2	R13	*A1		
C167	*B2	R14	*A1		
C201	*A2	R15	*A1		
C202	*A3	R51	*A3		
C203	*A2	R52	*A3		
C204	*A3	R53	*A3		
C205	*A3	R54	*A3		
		R55	*A3		
CN1	A2	R56	*A3		
		R57	*A3		
D1	*B1	R58	*A3		
D2	*B1	R59	*A3		
D3	*A1	R60	*A3		
D51	*B3	R61	*A3		
D52	*B3	R62	*A3		
D101	*B2	R101	*A1		
D102	*B2	R102	*A3		
D151	B2	R103	*A2		
D152	B2	R104	*A3		
D201	*A2	R105	*A3		
D202	*A2	R106	*A2		
D203	*A3	R107	*A2		
D204	*A3	R108	*A2		
		R109	*A3		
FB1	*B1	R110	*A2		
FB2	*B1	R111	*A2		
FB3	*B1	R112	*A2		
FB4	*B1	R113	*A2		
FB5	*B1	R151	*A2		
FB6	*B1	R152	*A2		
FB51	*B3	R153	*A1		



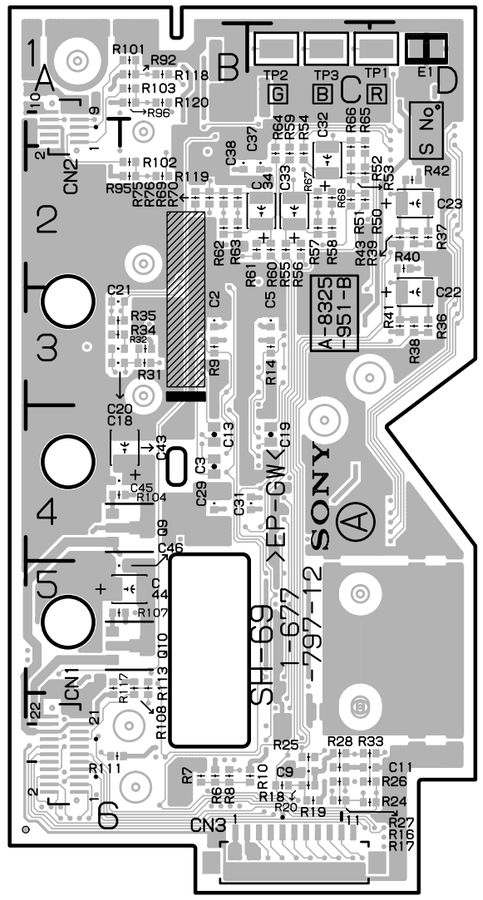
PS-554 -A SIDE-
SUFFIX: -11



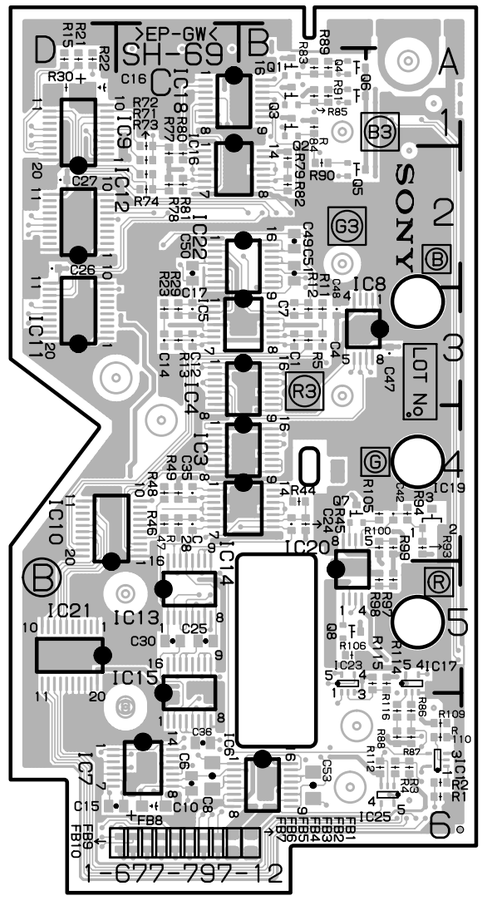
PS-554 -B SIDE-
SUFFIX: -11

SH-69 (1-677-797-12)

C1	*B3	Q2	*B1	R83	*B1
C2	B3	Q3	*B1	R84	*B1
C3	B4	Q4	*B1	R85	*B1
C4	*B3	Q5	*B2	R86	*A6
C5	C3	Q6	*B1	R87	*A6
C6	*C6	Q7	*B4	R88	*A6
C7	*B3	Q8	*B5	R89	*B1
C8	*C6	Q9	B4	R90	*B2
C9	C6	Q10	B5	R91	*B1
C10	*C6			R92	B1
C11	D6	R1	*A6	R93	*A4
C12	*C3	R2	*A6	R94	*A4
C13	B4	R3	*A6	R95	B2
C14	*C3	R4	*A6	R96	B1
C15	*D6	R5	*B3	R97	*A5
C16	*D1	R6	B6	R98	*A5
C17	*C3	R7	B6	R99	*A4
C18	A3	R8	B6	R100	*A4
C19	C4	R9	B3	R101	B1
C20	A3	R10	C6	R102	B2
C21	A3	R11	*B3	R103	B1
C22	D3	R12	*B3	R104	A4
C23	D2	R13	*C3	R105	*A4
C24	*B4	R14	C3	R106	*B5
C25	*C5	R15	*D1	R107	A5
C26	*D2	R16	C6	R108	B5
C27	*D2	R17	C6	R109	*A6
C28	*C4	R18	C6	R110	*A6
C29	B4	R19	C6	R111	A6
C30	*C5	R20	C6	R112	*A6
C31	C4	R21	*D1	R113	B5
C32	C2	R22	*D1	R114	*A5
C33	C2	R23	*C3	R115	*A5
C34	C2	R24	D6	R116	*A6
C35	*C4	R25	C6	R117	A5
C36	*C6	R26	D6	R118	B1
C37	C2	R27	C6	R119	B2
C38	B2	R28	C6	R120	B1
C42	*A4	R29	*C3		
C43	B4	R30	*D1	TP1	D1
C44	B5	R31	B3	TP2	C1
C45	A4	R32	B3	TP3	C1
C46	A5	R33	D6		
C47	*A3	R34	A3	*:B SIDE	
C48	*B3	R35	A3		
C49	*B2	R36	D3		
C50	*C2	R37	D2		
C51	*B2	R38	D3		
C53	*B6	R39	D2		
		R40	D2		
CN1	A6	R41	D3		
CN2	A1	R42	D2		
CN3	C6	R43	D2		
		R44	*B4		
E1	D1	R45	*B4		
		R46	*C4		
FB1	*B6	R47	*C4		
FB2	*C6	R48	*C4		
FB3	*C6	R49	*C4		
FB4	*C6	R50	C2		
FB5	*C6	R51	C2		
FB6	*C6	R52	C2		
FB7	*C6	R53	C2		
FB8	*C6	R54	C2		
FB9	*C6	R55	C2		
FB10	*C6	R56	C2		
		R57	C2		
IC1	*A6	R58	C2		
IC3	*C4	R59	C2		
IC4	*C3	R60	C2		
IC5	*C3	R61	C2		
IC6	*C6	R62	B2		
IC7	*D6	R63	B2		
IC8	*A3	R64	C2		
IC9	*D2	R65	C2		
IC10	*C4	R66	C2		
IC11	*D3	R67	C2		
IC12	*D2	R68	C2		
IC13	*C5	R69	B2		
IC14	*C4	R70	B2		
IC15	*C6	R71	*C2		
IC16	*C2	R72	*C1		
IC17	*A5	R73	*C2		
IC18	*C1	R74	*C2		
IC19	*A4	R75	B2		
IC20	*B5	R76	B2		
IC21	*D5	R77	*C2		
IC22	*C2	R78	*C2		
IC23	*B5	R79	*B2		
IC25	*A6	R80	*C2		
		R81	*C2		
Q1	*B1	R82	*B2		



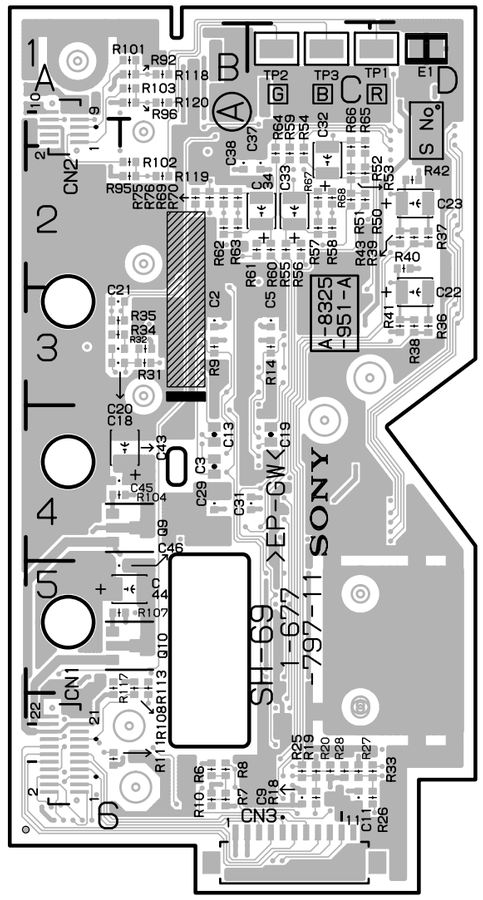
SH-69 -A SIDE-
SUFFIX: -12



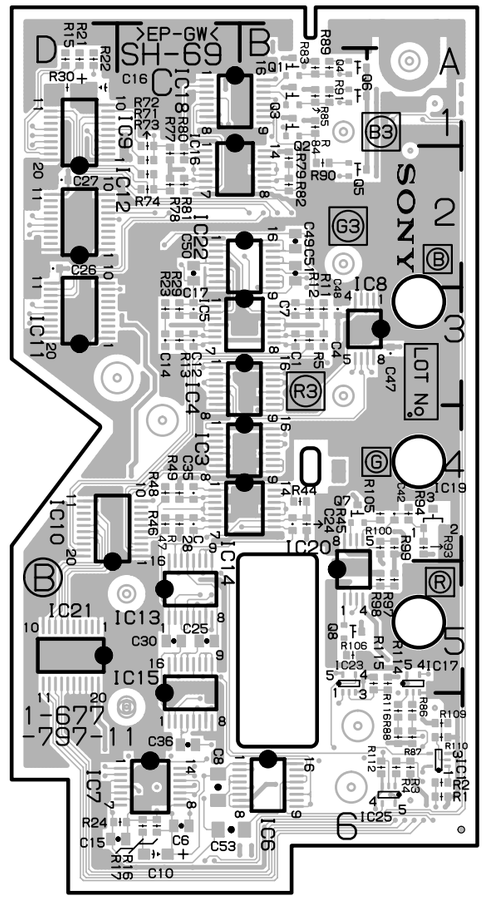
SH-69 -B SIDE-
SUFFIX: -12

SH-69 (1-677-797-11)

C1	*B3	R2	*A6	R94	*A4
C2	B3	R3	*A6	R95	B2
C3	B4	R4	*A6	R96	B1
C4	*B3	R5	*B3	R97	*A5
C5	C3	R6	B6	R98	*A5
C6	*C6	R7	B6	R99	*A4
C7	*B3	R8	B6	R100	*A4
C8	*C6	R9	B3	R101	B1
C9	C6	R10	B6	R102	B2
C10	*C6	R11	*B3	R103	B1
C11	C6	R12	*B3	R104	A4
C12	*C3	R13	*C3	R105	*A4
C13	B4	R14	C3	R106	*B5
C14	*C3	R15	*D1	R107	A5
C15	*C6	R16	*C6	R108	B5
C16	*D1	R17	*C6	R109	*A6
C17	*C3	R18	C6	R110	*A6
C18	A3	R19	C6	R111	A6
C19	C4	R20	C6	R112	*A6
C20	A3	R21	*D1	R113	B5
C21	A3	R22	*D1	R114	*A5
C22	D3	R23	*C3	R115	*A5
C23	D2	R24	*C6	R116	*A6
C24	*B4	R25	C6	R117	A5
C25	*C5	R26	D6	R118	B1
C26	*D2	R27	C6	R119	B2
C27	*D2	R28	C6	R120	B1
C28	*C4	R29	*C3		
C29	B4	R30	*D1	TP1	D1
C30	*C5	R31	B3	TP2	C1
C31	C4	R32	B3	TP3	C1
C32	C2	R33	D6		
C33	C2	R34	A3	*:B SIDE	
C34	C2	R35	A3		
C35	*C4	R36	D3		
C36	*C6	R37	D2		
C37	C2	R38	D3		
C38	B2	R39	D2		
C42	*A4	R40	D2		
C43	B4	R41	D3		
C44	B5	R42	D2		
C45	A4	R43	D2		
C46	A5	R44	*B4		
C47	*A3	R45	*B4		
C48	*B3	R46	*C4		
C49	*B2	R47	*C4		
C50	*C2	R48	*C4		
C51	*B2	R49	*C4		
C53	*C6	R50	C2		
		R51	C2		
CN1	A6	R52	C2		
CN2	A1	R53	C2		
CN3	C6	R54	C2		
		R55	C2		
E1	D1	R56	C2		
		R57	C2		
IC1	*A6	R58	C2		
IC3	*C4	R59	C2		
IC4	*C3	R60	C2		
IC5	*C3	R61	C2		
IC6	*C6	R62	B2		
IC7	*C6	R63	B2		
IC8	*A3	R64	C2		
IC9	*D2	R65	C2		
IC10	*C4	R66	C2		
IC11	*D3	R67	C2		
IC12	*D2	R68	C2		
IC13	*C5	R69	B2		
IC14	*C4	R70	B2		
IC15	*C6	R71	*C2		
IC16	*C2	R72	*C1		
IC17	*A5	R73	*C2		
IC18	*C1	R74	*C2		
IC19	*A4	R75	B2		
IC20	*B5	R76	B2		
IC21	*D5	R77	*C2		
IC22	*C2	R78	*C2		
IC23	*B5	R79	*B2		
IC25	*A6	R80	*C2		
		R81	*C2		
Q1	*B1	R82	*B2		
Q2	*B1	R83	*B1		
Q3	*B1	R84	*B1		
Q4	*B1	R85	*B1		
Q5	*B2	R86	*A6		
Q6	*B1	R87	*A6		
Q7	*B4	R88	*A6		
Q8	*B5	R89	*B1		
Q9	B4	R90	*B2		
Q10	B5	R91	*B1		
		R92	B1		
R1	*A6	R93	*A4		

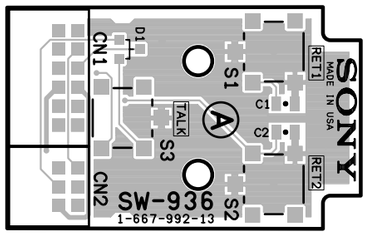


SH-69 -A SIDE-
SUFFIX: -11

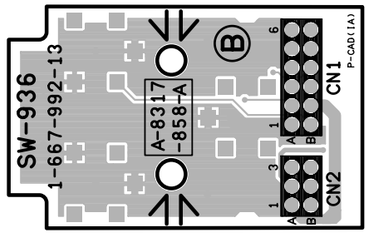


SH-69 -B SIDE-
SUFFIX: -11

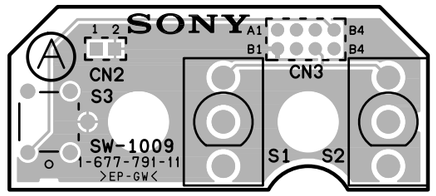
SW-936, SW-937, SW-1008, SW-1009, SW-1010, SW-1011



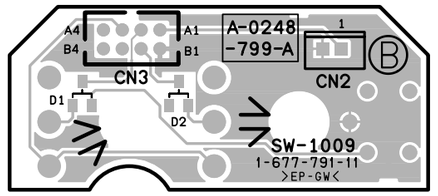
SW-936 -A SIDE-
SUFFIX: -13



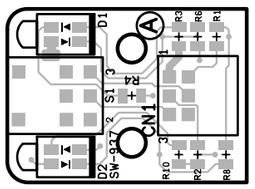
SW-936 -B SIDE-
SUFFIX: -13



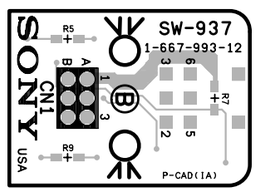
SW-1009 -A SIDE-
SUFFIX: -11



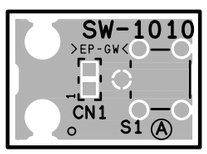
SW-1009 -B SIDE-
SUFFIX: -11



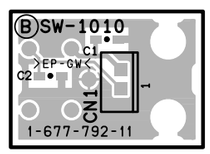
SW-937 -A SIDE-
SUFFIX: -12



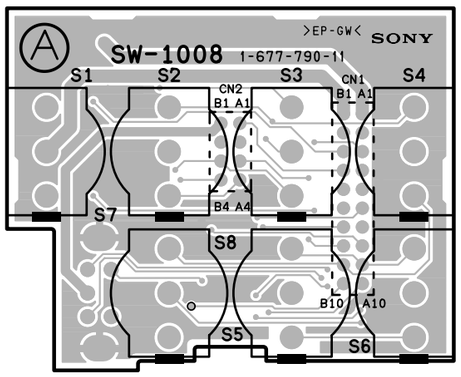
SW-937 -B SIDE-
SUFFIX: -12



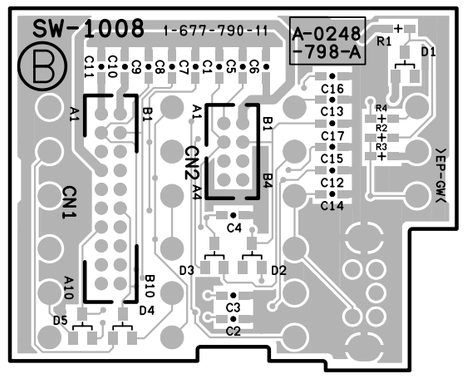
SW-1010 -A SIDE-
SUFFIX: -11



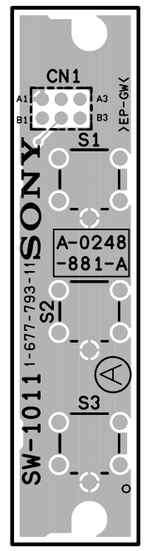
SW-1010 -B SIDE-
SUFFIX: -11



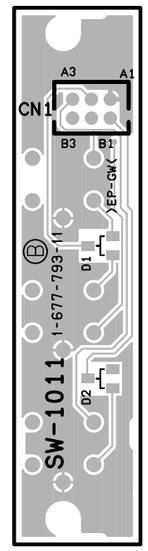
SW-1008 -A SIDE-
SUFFIX: -11



SW-1008 -B SIDE-
SUFFIX: -11



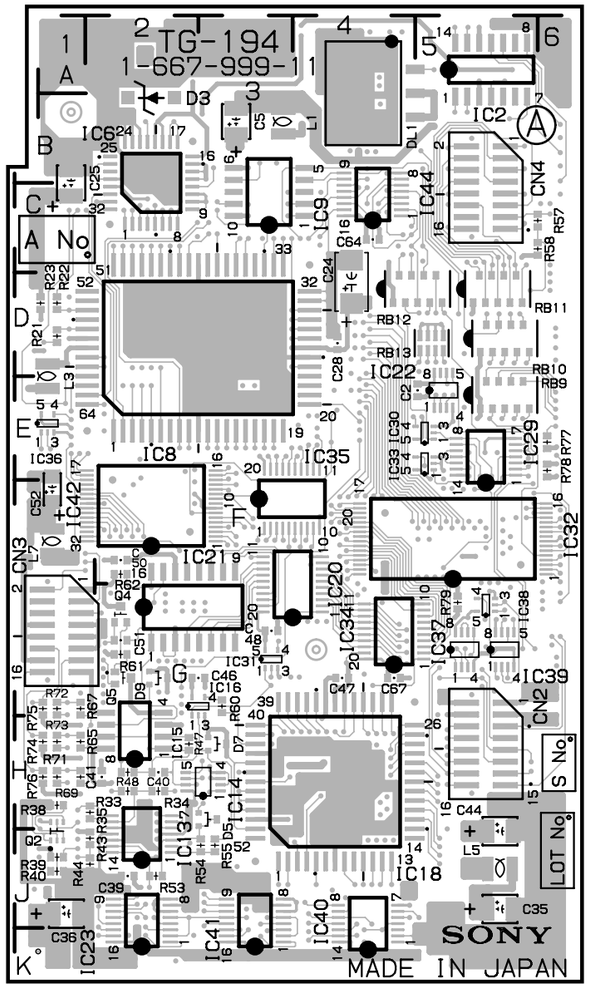
SW-1011 -A SIDE-
SUFFIX: -11



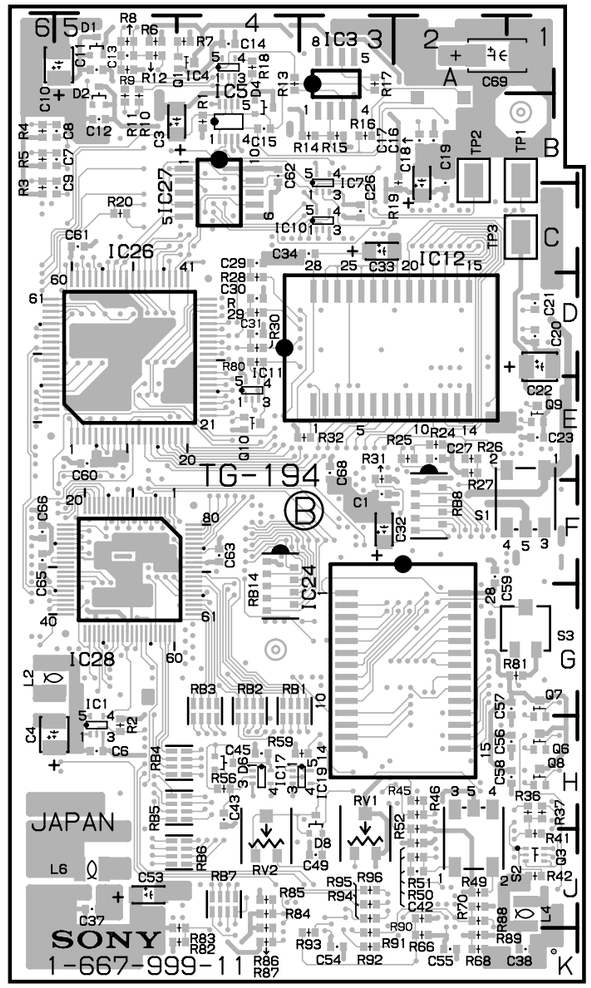
SW-1011 -B SIDE-
SUFFIX: -11

TG-194 (1-667-999-11)

C1	*F3	IC8	D3	R38	H1
C2	E5	IC9	C4	R39	J1
C3	*B5	IC10	*C3	R40	J1
C4	*H6	IC11	*E4	R41	*J1
C5	B3	IC12	*E3	R42	*J1
C6	*H5	IC13	J2	R43	J2
C7	*B5	IC14	H3	R44	J2
C8	*B5	IC15	H2	R45	*H2
C9	*C5	IC16	G3	R46	*H2
C10	*A5	IC17	*H4	R47	H2
C11	*A5	IC18	H4	R48	H2
C12	*B5	IC19	*H3	R49	*J2
C13	*A5	IC20	G4	R50	*J2
C14	*A4	IC21	G2	R51	*J2
C15	*B4	IC22	E5	R52	*H2
C16	*B2	IC23	K2	R53	J2
C17	*B2	IC24	*G3	R54	J3
C18	*B2	IC26	*D5	R55	J3
C19	*B2	IC27	*B4	R56	*H4
C20	*D1	IC28	*F5	R57	C6
C21	*D1	IC29	E5	R58	C6
C22	*D1	IC30	E5	R59	*H3
C23	*E1	IC31	G3	R60	G3
C24	D4	IC32	F6	R61	G2
C25	B1	IC33	E5	R62	F2
C26	*C3	IC34	G5	R65	H1
C27	*E2	IC35	F3	R66	*K2
C28	D4	IC36	E1	R67	G1
C29	*C4	IC37	G5	R68	*K2
C30	*D4	IC38	G5	R69	H1
C31	*D4	IC39	G5	R70	*J2
C32	*F3	IC40	K4	R71	H1
C33	*C3	IC41	K3	R72	G1
C34	*C3	IC42	F3	R73	H1
C35	J5	IC44	C4	R74	H1
C36	J1			R75	G1
C37	*J5	L1	B3	R76	H1
C38	*K1	L2	*G6	R77	E6
C39	J2	L3	D1	R78	E6
C40	H2	L4	*J1	R79	G5
C41	H2	L5	J5	R80	*D4
C42	*J2	L6	*J5	R81	*G1
C43	*H4	L7	F1	R82	*K4
C44	J5			R83	*J4
C45	*H4	Q1	*A4	R84	*J4
C46	G3	Q2	J1	R85	*J4
C47	G4	Q3	*J1	R86	*J4
C48	G3	Q4	G2	R87	*K4
C49	*J3	Q5	G2	R88	*J2
C50	F2	Q6	*H1	R89	*K2
C51	G2	Q7	*G1	R90	*J2
C52	F1	Q8	*H1	R91	*K3
C53	*J5	Q9	*E1	R92	*K3
C54	*K3	Q10	*E4	R93	*K3
C55	*K2			R94	*J3
C56	*H1	R1	*B4	R95	*J3
C57	*G1	R2	*H5	R96	*J3
C58	*H1	R3	*C6		
C59	*F2	R4	*B6	RB1	*G4
C60	*E5	R5	*B6	RB2	*G4
C61	*C5	R6	*A5	RB3	*G4
C62	*B4	R7	*A4	RB4	*H4
C63	*F4	R8	*A5	RB5	*H4
C64	C4	R9	*A5	RB6	*J4
C65	*F6	R10	*B5	RB7	*J4
C66	*F6	R11	*B5	RB8	*F2
C67	G4	R12	*A5	RB9	E5
C68	*E3	R13	*A4	RB10	D5
C69	*A2	R14	*B3	RB11	D5
CN2	H5	R15	*B3	RB12	D5
CN3	G1	R16	*B3	RB13	D5
CN4	C5	R17	*A3	RB14	*G4
		R18	*A4		
D1	*A5	R19	*B2	RV1	*J3
D2	*B5	R20	*C5	RV2	*J4
D3	B2	R21	D1		
D4	*B4	R22	D1	S1	*F1
D5	H3	R23	D1	S2	*J2
D6	*H4	R24	*E2	S3	*G1
D7	H3	R25	*E2		
D8	*H3	R26	*E2	TP1	*B1
D9	G2	R27	*E2	TP2	*B2
		R28	*D4	TP3	*C1
DL1	A5	R29	*D4		
		R30	*D4	*:B SIDE	
IC1	*H5	R31	*E3		
IC2	B5	R32	*E3		
IC3	*B3	R33	H2		
IC4	*A4	R34	H2		
IC5	*B4	R35	H2		
IC6	B2	R36	*H1		
IC7	*B3	R37	*H1		



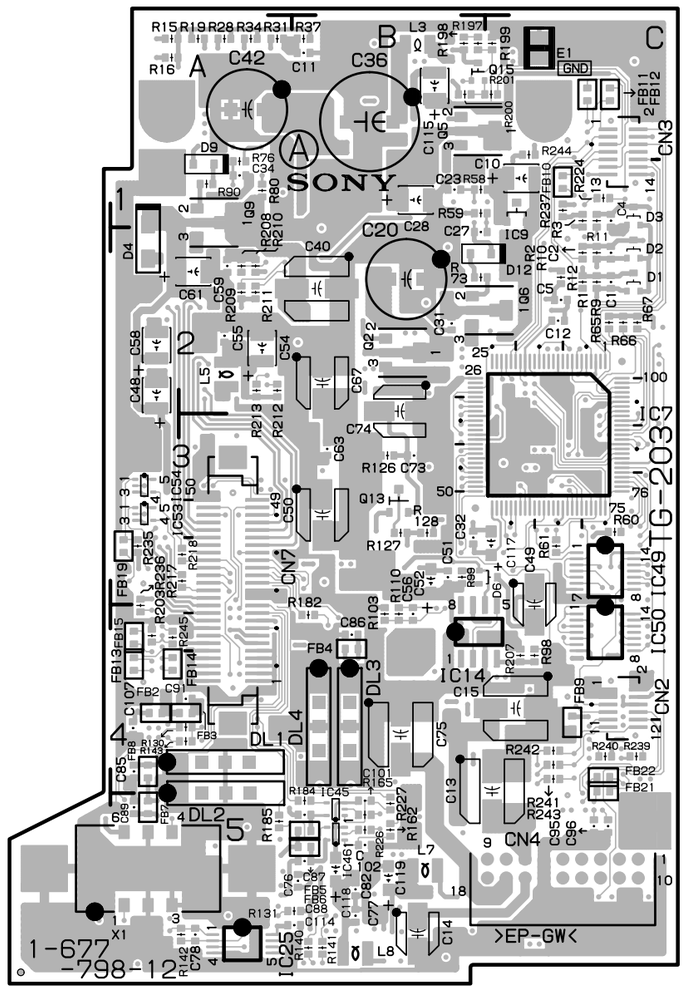
TG-194 -A SIDE-
SUFFIX: -11



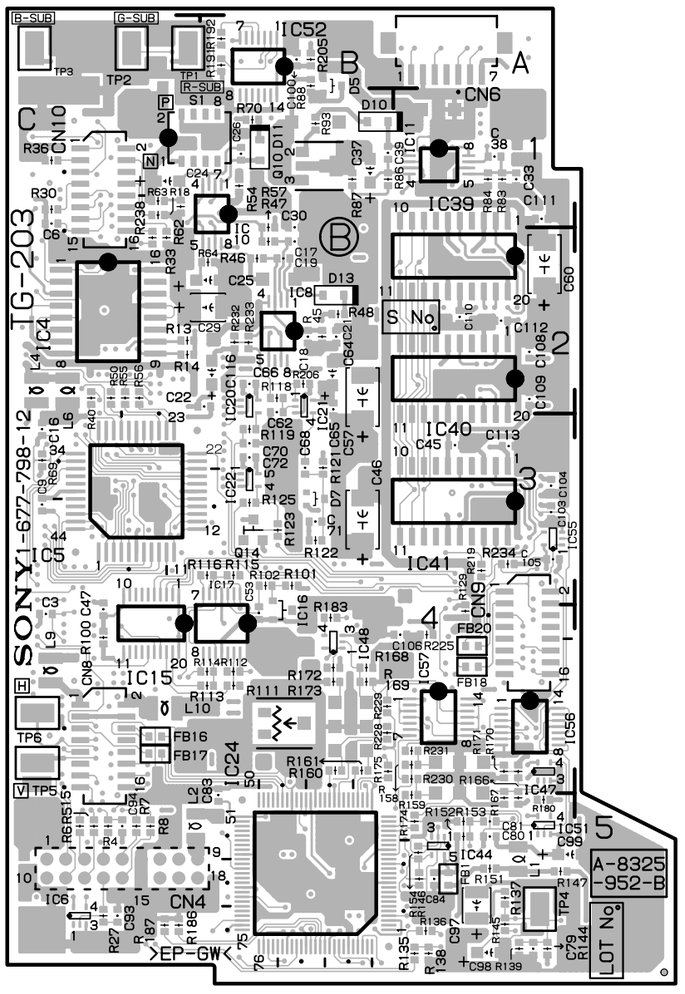
TG-194 -B SIDE-
SUFFIX: -11

TG-203 (1-677-798-12)

C1	C2	C102	B5	IC45	B5
C2	C2	C103	*A3	IC46	B5
C3	*C4	C104	*A3	IC47	*A4
C4	C1	C105	*A3	IC48	*B4
C5	C2	C106	*A4	IC49	C3
C6	*C1	C107	A4	IC50	C4
C9	*C3	C108	*A2	IC51	*A5
C10	C1	C109	*A2	IC52	*B1
C11	B1	C110	*A2	IC53	A3
C12	C2	C111	*A1	IC54	A3
C13	C4	C112	*A2	IC55	*A3
C14	B5	C113	*A3	IC56	*A4
C15	C4	C114	B5	IC57	*A4
C16	*C3	C115	B1		
C17	*B2	C116	*B2	L1	*A5
C18	*B2	C117	C3	L2	*C5
C19	*B2	C118	B5	L3	B1
C20	B2	C119	B5	L4	*C2
C21	*B2			L5	A2
C22	*B2	CN2	C4	L6	*C2
C23	B1	CN3	C1	L7	B5
C24	*C1	CN4	C5	L8	B5
C25	*B2	CN6	*A1	L9	*C4
C26	*B1	CN7	A3	L10	*C4
C27	B2	CN8	*C4		
C28	B1	CN9	*A4	Q2	B2
C29	*B2	CN10	*C1	Q5	B1
C30	*B1			Q6	C2
C31	B2	D1	C2	Q9	A1
C32	B3	D2	C2	Q10	*B1
C33	*A1	D3	C1	Q13	B3
C34	A1	D4	A2	Q14	*B3
C36	B1	D5	*B1	Q15	B1
C37	*B1	D6	C3		
C38	*A1	D7	*B3	R1	C2
C39	*B1	D9	A1	R2	C2
C40	B2	D10	*B1	R3	C1
C42	A1	D11	*B1	R4	*C5
C45	*A3	D12	B2	R5	*C5
C46	*B3	D13	*B2	R6	*C5
C47	*C4			R7	*C5
C48	A2	DL1	A4	R8	*C5
C49	C3	DL2	A4	R9	C2
C50	B3	DL3	B4	R10	C2
C51	B3	DL4	B4	R11	C1
C52	B3			R12	C2
C53	*B4	E1	C1	R13	*C2
C54	A2			R14	*C2
C55	A2	FB1	*A5	R15	A1
C56	B4	FB2	A4	R16	A1
C57	*B2	FB3	A4	R18	*C1
C58	A2	FB4	B4	R19	A1
C59	A2	FB5	B5	R27	*C5
C60	*A2	FB6	B5	R28	A1
C61	A2	FB7	A5	R30	*C1
C62	*B2	FB8	A4	R31	A1
C63	B3	FB9	C4	R33	*C2
C64	*B2	FB10	C1	R34	A1
C65	*B2	FB11	C1	R36	*C1
C66	*B2	FB12	C1	R37	B1
C67	B2	FB13	A4	R40	*C2
C68	*B3	FB14	A4	R45	*B2
C70	*B3	FB15	A4	R46	*B2
C71	*B3	FB16	*C4	R47	*B2
C72	*B3	FB17	*C4	R48	*B2
C73	B3	FB18	*A4	R50	*C2
C74	B2	FB19	A3	R54	*B1
C75	B4	FB20	*A4	R55	*C2
C76	B5	FB21	C4	R56	*C2
C77	B5	FB22	C4	R57	*B1
C78	A5			R58	B1
C79	*A5	IC4	*C2	R59	B1
C80	*A5	IC5	*C3	R60	C3
C81	*A5	IC6	*C5	R61	C3
C82	B5	IC7	C3	R62	*C1
C83	*B5	IC8	*B2	R63	*C1
C84	*A5	IC9	C1	R64	*B2
C85	A4	IC10	*B1	R65	C2
C86	B4	IC11	*A1	R66	C2
C87	B5	IC14	B4	R67	C2
C88	B5	IC15	*C3	R69	*C3
C89	A5	IC16	*B4	R70	*B1
C91	A4	IC17	*B3	R73	B2
C93	*C5	IC20	*B2	R76	A1
C94	*C5	IC21	*B2	R80	A1
C95	C5	IC22	*B3	R83	*A1
C96	C5	IC24	*B5	R84	*A1
C97	*A5	IC25	A5	R86	*B1
C98	*A5	IC39	*A1	R87	*B1
C99	*A5	IC40	*A2	R88	*B1
C100	*B1	IC41	*A3	R90	A1
C101	B5	IC44	*A5	R93	*B1



TG-203 -A SIDE-
SUFFIX: -12

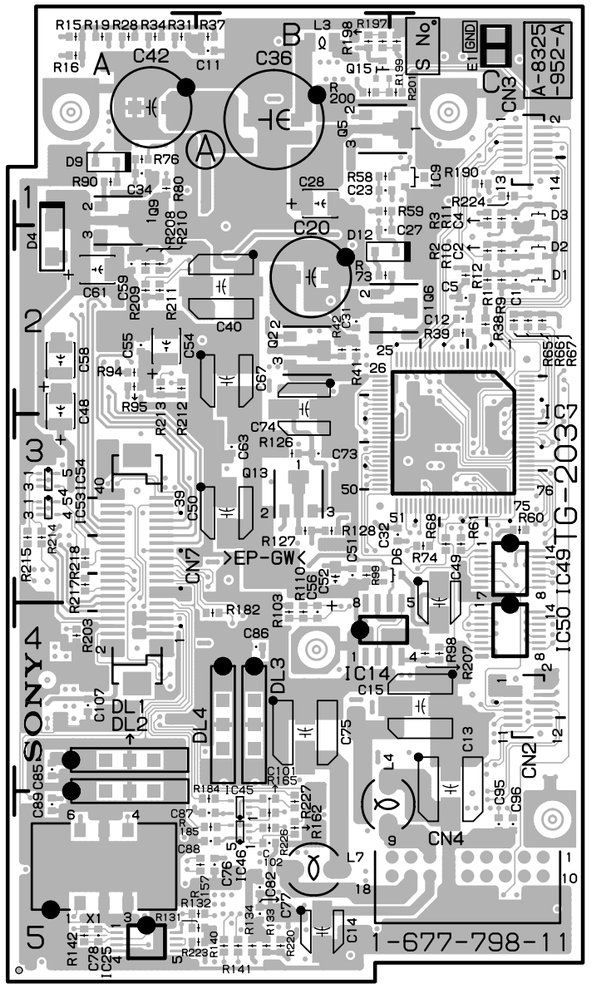


TG-203 -B SIDE-
SUFFIX: -12

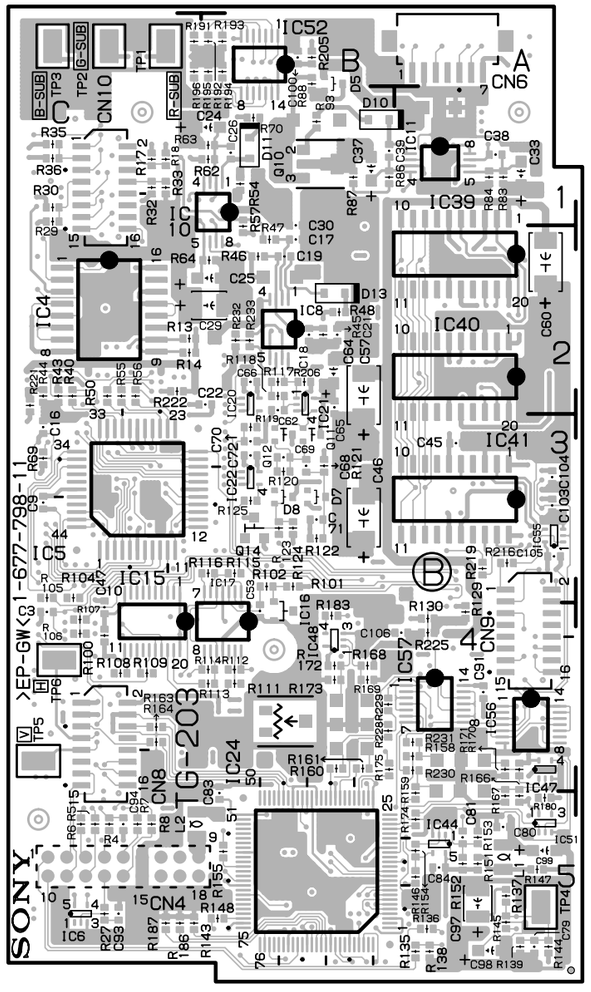
R98	C4	R231	*A4		
R99	B3	R232	*B2		
R100	*C4	R233	*B2		
R101	*B3	R234	*A3		
R102	*B3	R235	A3		
R103	B4	R236	A4		
R110	B4	R237	C1		
R111	*B4	R238	*C2		
R112	*B4	R239	C4		
R113	*B4	R240	C4		
R114	*B4	R241	C4		
R115	*B3	R242	C4		
R116	*B3	R243	C4		
R118	*B2	R244	C1		
R119	*B3	R245	A4		
R121	*B3				
R122	*B3	S1	*C1		
R123	*B3				
R125	*B3	TP1	*C1		
R126	B3	TP2	*C1		
R127	B3	TP3	*C1		
R128	B3	TP4	*A5		
R129	*A4	TP5	*C4		
R130	A4	TP6	*C4		
R131	B5				
R135	*A5	X1	A5		
R136	*A5				
R137	*A5	*:B SIDE			
R138	*A5				
R139	*A5				
R140	B5				
R141	B5				
R142	A5				
R143	A4				
R144	*A5				
R145	*A5				
R146	*A5				
R147	*A5				
R151	*A5				
R152	*A5				
R153	*A5				
R154	*A5				
R158	*A4				
R159	*A5				
R160	*B4				
R161	*B4				
R162	B5				
R165	B5				
R166	*A5				
R167	*A5				
R168	*B4				
R169	*B4				
R170	*A4				
R171	*A4				
R172	*B4				
R173	*B4				
R174	*A5				
R175	*B4				
R180	*A5				
R182	B4				
R183	*B4				
R184	B5				
R185	A5				
R186	*C5				
R187	*C5				
R191	*B1				
R192	*B1				
R197	B1				
R198	B1				
R199	C1				
R200	B1				
R201	C1				
R203	A4				
R205	*B1				
R206	*B2				
R207	C4				
R208	A2				
R209	A2				
R210	A2				
R211	A2				
R212	A2				
R213	A2				
R217	A3				
R218	A3				
R219	*A3				
R224	C1				
R225	*A4				
R226	B5				
R227	B5				
R228	*B4				
R229	*B4				
R230	*A4				

TG-203 (1-677-798-11)

C1	C2	C103	*A3	R5	*C5
C2	C2	C104	*A3	R6	*C5
C3	*C4	C105	*A3	R7	*C5
C4	C1	C106	*A4	R8	*C5
C5	C2	C107	A4	R9	C2
C9	*C3			R10	C2
C11	B1	CN2	C4	R11	C1
C12	C2	CN3	C1	R12	C2
C13	C4	CN4	C5	R13	*C2
C14	B5	CN6	*A1	R14	*C2
C15	C4	CN7	A3	R15	A1
C16	*C3	CN8	*C4	R16	A1
C17	*B2	CN9	*A4	R17	*C1
C18	*B2	CN10	*C1	R18	*C1
C19	*B2			R19	A1
C20	B2	D1	C2	R27	*C5
C21	*B2	D2	C2	R28	A1
C22	*B2	D3	C1	R29	*C1
C23	B1	D4	A2	R30	*C1
C24	*B1	D5	*B1	R31	A1
C25	*B2	D6	C3	R32	*C1
C26	*B1	D7	*B3	R33	*C1
C27	B2	D8	*B3	R34	A1
C28	B1	D9	A1	R35	*C1
C29	*B2	D10	*B1	R36	*C1
C30	*B1	D11	*B1	R37	B1
C31	B2	D12	B2	R38	C2
C32	C3	D13	*B2	R39	C2
C33	*A1			R40	*C2
C34	A1	DL1	A4	R41	B2
C36	B1	DL2	A4	R42	B2
C37	*B1	DL3	B4	R43	*C2
C38	*A1	DL4	B4	R44	*C2
C39	*B1			R45	*B2
C40	B2	E1	C1	R46	*B2
C42	A1			R47	*B2
C45	*A3	IC4	*C2	R48	*B2
C46	*B3	IC5	*C3	R50	*C2
C47	*C4	IC6	*C5	R54	*B1
C48	A2	IC7	C3	R55	*C2
C49	C3	IC8	*B2	R56	*C2
C50	B3	IC9	C1	R57	*B2
C51	B3	IC10	*B1	R58	B1
C52	B3	IC11	*A1	R59	B1
C53	*B4	IC14	B4	R60	C3
C54	A2	IC15	*C3	R61	C3
C55	A2	IC16	*B4	R62	*B1
C56	B4	IC17	*B3	R63	*B1
C57	*B2	IC20	*B2	R64	*B2
C58	A2	IC21	*B2	R65	C2
C59	A2	IC22	*B3	R66	C2
C60	*A2	IC24	*B5	R67	C2
C61	A2	IC25	A5	R68	C3
C62	*B2	IC39	*A1	R69	*C3
C63	B3	IC40	*A2	R70	*B1
C64	*B2	IC41	*A3	R73	B2
C65	*B2	IC44	*A5	R74	C3
C66	*B2	IC45	B5	R76	A1
C67	B2	IC46	B5	R80	A1
C68	*B3	IC47	*A4	R83	*A1
C69	*B3	IC48	*B4	R84	*A1
C70	*B3	IC49	C3	R86	*B1
C71	*B3	IC50	C4	R87	*B1
C72	*B3	IC51	*A5	R88	*B1
C73	B3	IC52	*B1	R90	A1
C74	B2	IC53	A3	R93	*B1
C75	B4	IC54	A3	R94	A2
C76	B5	IC55	*A3	R95	A2
C77	B5	IC56	*A4	R98	C4
C78	A5	IC57	*A4	R99	B3
C79	*A5			R100	*C4
C80	*A5	L1	*A5	R101	*B3
C81	*A5	L2	*C5	R102	*B3
C82	B5	L3	B1	R103	B4
C83	*B5	L4	B5	R104	*C3
C84	*A5	L7	B5	R105	*C3
C85	A4			R106	*C4
C86	B4	Q2	B2	R107	*C4
C87	B5	Q5	B1	R108	*C4
C88	B5	Q6	C2	R109	*C4
C89	A5	Q9	A1	R110	B4
C91	*A4	Q10	*B1	R111	*B4
C93	*C5	Q11	*B3	R112	*B4
C94	*C5	Q12	*B3	R113	*B4
C95	C5	Q13	B3	R114	*B4
C96	C5	Q14	*B3	R115	*B3
C97	*A5	Q15	B1	R116	*B3
C98	*A5			R117	*B2
C99	*A5	R1	C2	R118	*B2
C100	*B1	R2	C2	R119	*B3
C101	B5	R3	C1	R120	*B3
C102	B5	R4	*C5	R121	*B3



TG-203 -A SIDE-
SUFFIX: -11

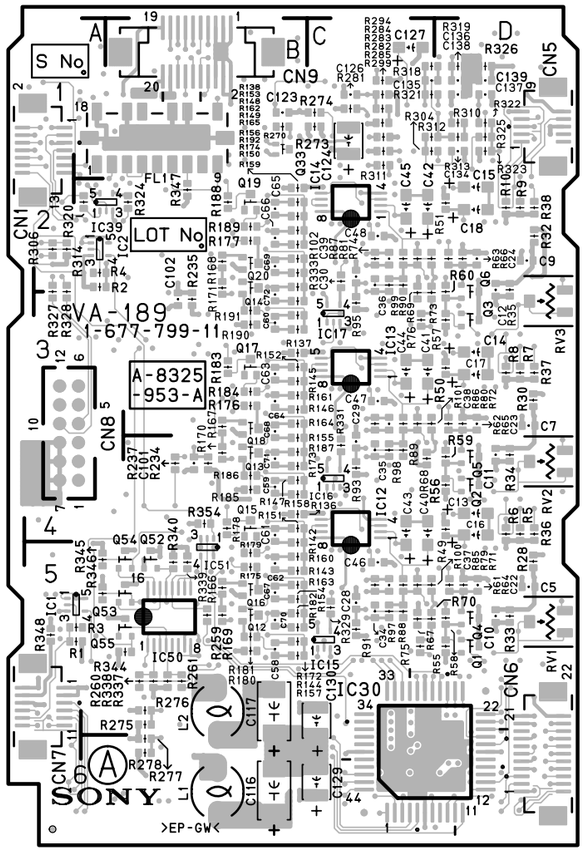


TG-203 -B SIDE-
SUFFIX: -11

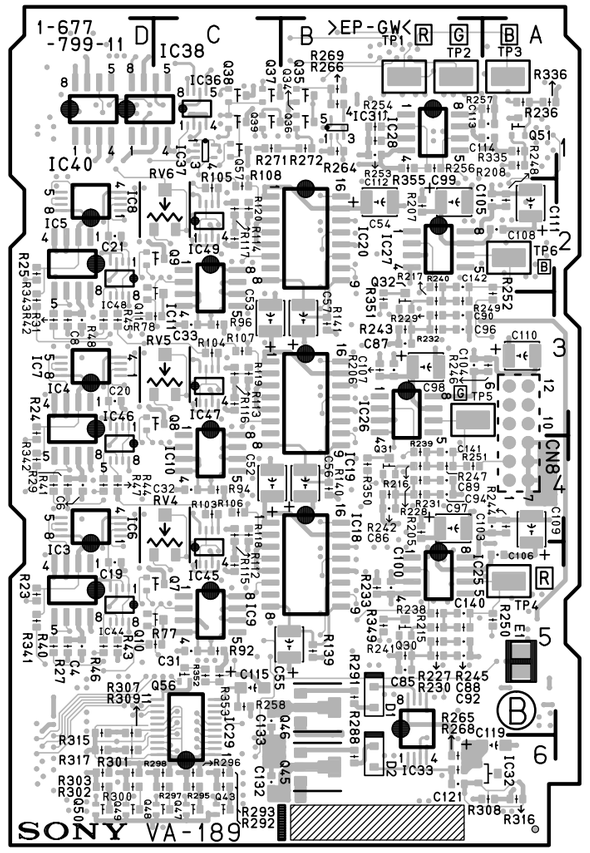
R122	*B3	R226	B5
R123	*B3	R227	B5
R124	*B3	R228	*B4
R125	*B3	R229	*B4
R126	B3	R230	*A4
R127	B3	R231	*A4
R128	B3	R232	*B2
R129	*A4	R233	*B2
R130	*A4		
R131	B5	TP1	*C1
R132	B5	TP2	*C1
R133	B5	TP3	*C1
R134	B5	TP4	*A5
R135	*A5	TP5	*C4
R136	*A5	TP6	*C4
R137	*A5		
R138	*A5	X1	A5
R139	*A5		
R140	B5	*:B SIDE	
R141	B5		
R142	A5		
R143	*C5		
R144	*A5		
R145	*A5		
R146	*A5		
R147	*A5		
R148	*B5		
R151	*A5		
R152	*A5		
R153	*A5		
R154	*A5		
R155	*B5		
R157	B5		
R158	*A4		
R159	*A5		
R160	*B4		
R161	*B4		
R162	B5		
R163	*C4		
R164	*C4		
R165	B5		
R166	*A5		
R167	*A5		
R168	*B4		
R169	*B4		
R170	*A4		
R171	*A4		
R172	*B4		
R173	*B4		
R174	*A5		
R175	*B4		
R180	*A5		
R182	B4		
R183	*B4		
R184	B5		
R185	B5		
R186	*C5		
R187	*C5		
R190	C1		
R191	*C1		
R192	*B1		
R193	*B1		
R194	*B1		
R195	*B1		
R196	*C1		
R197	B1		
R198	B1		
R199	C1		
R200	B1		
R201	C1		
R203	A4		
R205	*B1		
R206	*B2		
R207	C4		
R208	A2		
R209	A2		
R210	A2		
R211	A2		
R212	A2		
R213	A2		
R214	A3		
R215	A3		
R216	*A3		
R217	A3		
R218	A3		
R219	*A3		
R220	B5		
R221	*C2		
R222	*C2		
R223	B5		
R224	C1		
R225	*A4		

VA-189 (1-677-799-11)

C4	*D5	C117	B5	Q12	B5	R76	C3
C5	D5	C119	*A6	Q13	B4	R77	*C5
C6	*D4	C121	*B6	Q14	B2	R78	*C3
C7	D3	C123	B1	Q15	B4	R79	C5
C8	*D3	C124	C1	Q16	B5	R80	C3
C9	D2	C126	C1	Q17	B3	R81	C2
C10	D5	C127	C1	Q18	B3	R85	C5
C11	D4	C129	C6	Q19	B2	R86	C3
C12	D2	C130	C5	Q20	B2	R87	C2
C13	D4	C132	*C6	Q30	*B5	R88	C5
C14	D3	C133	*C5	Q31	*B4	R89	C4
C15	D2	C134	D1	Q32	*B3	R90	C2
C16	D4	C135	C1	Q33	B1	R91	C5
C17	D3	C136	D1	Q34	*B1	R92	*C5
C18	D2	C137	D1	Q35	*B1	R93	C4
C19	*D5	C138	D1	Q36	*C1	R94	*C4
C20	*D3	C139	D1	Q37	*C1	R95	C3
C21	*D2	C140	*B5	Q38	*C1	R96	*C3
C22	D5	C141	*B4	Q39	*C1	R97	C5
C23	D3	C142	*B2	Q43	*C6	R98	C4
C24	D2			Q45	*B6	R99	C2
C28	C5	CN1	A1	Q46	*B5	R100	C5
C29	C4	CN5	D1	Q47	*C6	R101	C3
C30	C2	CN6	D6	Q48	*C6	R102	C2
C31	*C5	CN7	A5	Q49	*D6	R103	*C4
C32	*C4	CN8	A3	Q50	*D6	R104	*C3
C33	*C3	CN9	B1	Q51	*A1	R105	*C2
C34	C5			Q52	B5	R106	*C4
C35	C4	D1	*B5	Q53	B5	R107	*C3
C36	C2	D2	*B6	Q54	B5	R108	*C2
C37	C5			Q55	B5	R112	*C4
C38	C3	E1	*A5	Q56	*C5	R113	*C3
C39	C2			Q57	*C1	R114	*C2
C40	C4	FL1	B1			R115	*C5
C41	C3			R1	A5	R116	*C3
C42	C2	IC1	A5	R2	A2	R117	*C2
C43	C4	IC2	A2	R3	A5	R118	*C4
C44	C3	IC3	*D5	R4	A2	R119	*C3
C45	C2	IC4	*D3	R5	D4	R120	*C2
C46	C5	IC5	*D2	R6	D4	R136	B4
C47	C3	IC6	*D4	R7	D3	R137	B3
C48	C2	IC7	*D3	R8	D3	R138	B2
C52	*C4	IC8	*D2	R9	D2	R139	*B5
C53	*C3	IC9	*C5	R10	D2	R140	*B4
C54	*B2	IC10	*C3	R23	*D5	R141	*B3
C55	*B5	IC11	*C2	R24	*D3	R142	B5
C56	*B4	IC12	C4	R25	*D2	R143	B5
C57	*B3	IC13	C3	R27	*D5	R144	B5
C58	B5	IC14	C2	R28	D5	R145	B3
C59	B4	IC15	C5	R29	*D4	R146	B3
C60	B3	IC16	C4	R30	D3	R147	B4
C61	B4	IC17	C3	R31	*D3	R148	B2
C62	B5	IC18	*C4	R32	D2	R149	B2
C63	B3	IC19	*C3	R33	D5	R150	B3
C64	B3	IC20	*C2	R34	D4	R151	B4
C65	B2	IC25	*B5	R35	D2	R152	B3
C66	B2	IC26	*B3	R36	D4	R153	B2
C67	B5	IC27	*B2	R37	D3	R154	B5
C68	B3	IC28	*B1	R38	D2	R155	B4
C69	B2	IC29	*C6	R40	*D5	R156	B2
C70	B5	IC30	C6	R41	*D4	R157	B5
C71	B4	IC31	*B1	R42	*D3	R158	B4
C72	B3	IC32	*A6	R43	*D5	R159	B3
C85	*B5	IC33	*B6	R44	*D4	R160	B5
C86	*B4	IC36	*C1	R45	*D3	R161	B3
C87	*B3	IC37	*C1	R46	*D5	R162	B2
C88	*B5	IC38	*D1	R47	*D4	R163	B5
C89	*B4	IC39	B2	R48	*D3	R164	B3
C90	*B3	IC40	*D1	R49	D4	R165	B2
C92	*B5	IC44	*D5	R50	D3	R166	B5
C94	*B4	IC45	*C5	R51	D2	R167	B3
C96	*B3	IC46	*D4	R55	D5	R168	B2
C97	*B4	IC47	*C3	R56	D4	R169	B5
C98	*B3	IC48	*D2	R57	D3	R170	B4
C99	*B2	IC49	*C2	R58	D5	R171	B2
C100	*B5	IC50	B5	R59	D4	R172	B5
C101	B4	IC51	B5	R60	D2	R173	B4
C102	B3			R61	D5	R174	B3
C103	*A4	L1	B6	R62	D3	R175	B5
C104	*B3	L2	B5	R63	D2	R176	B3
C105	*A2			R64	D5	R177	B2
C106	*A5	Q1	D5	R65	D3	R178	B4
C107	*B3	Q2	D4	R66	D2	R179	B5
C108	*A2	Q3	D3	R67	C5	R180	B5
C109	*A4	Q4	D5	R68	C4	R181	B5
C110	*A3	Q5	D4	R69	C3	R182	B5
C111	*A2	Q6	D2	R70	C5	R183	B3
C112	*B1	Q7	*C5	R71	C5	R184	B3
C113	*A1	Q8	*C3	R72	C3	R185	B4
C114	*A1	Q9	*C2	R73	C3	R186	B4
C115	*C5	Q10	*C5	R74	C2	R187	B4
C116	B6	Q11	*C3	R75	C5	R188	B2



VA-189 -A SIDE-
SUFFIX: -11

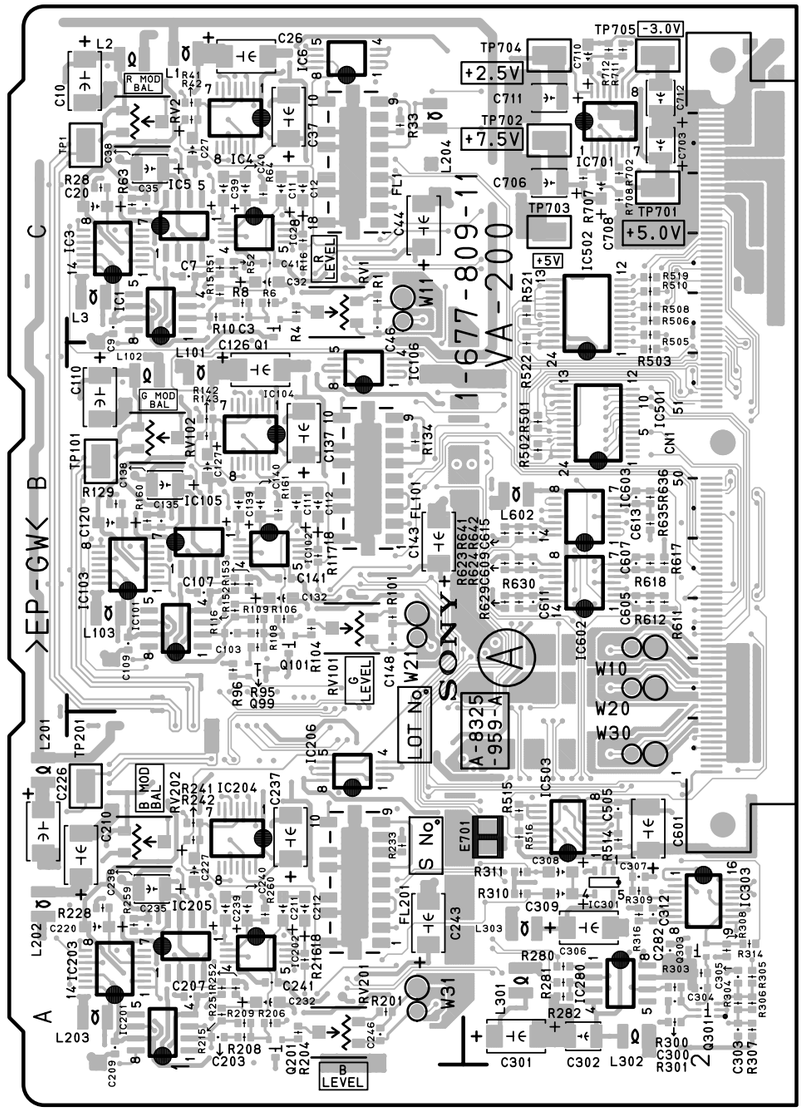


VA-189 -B SIDE-
SUFFIX: -11

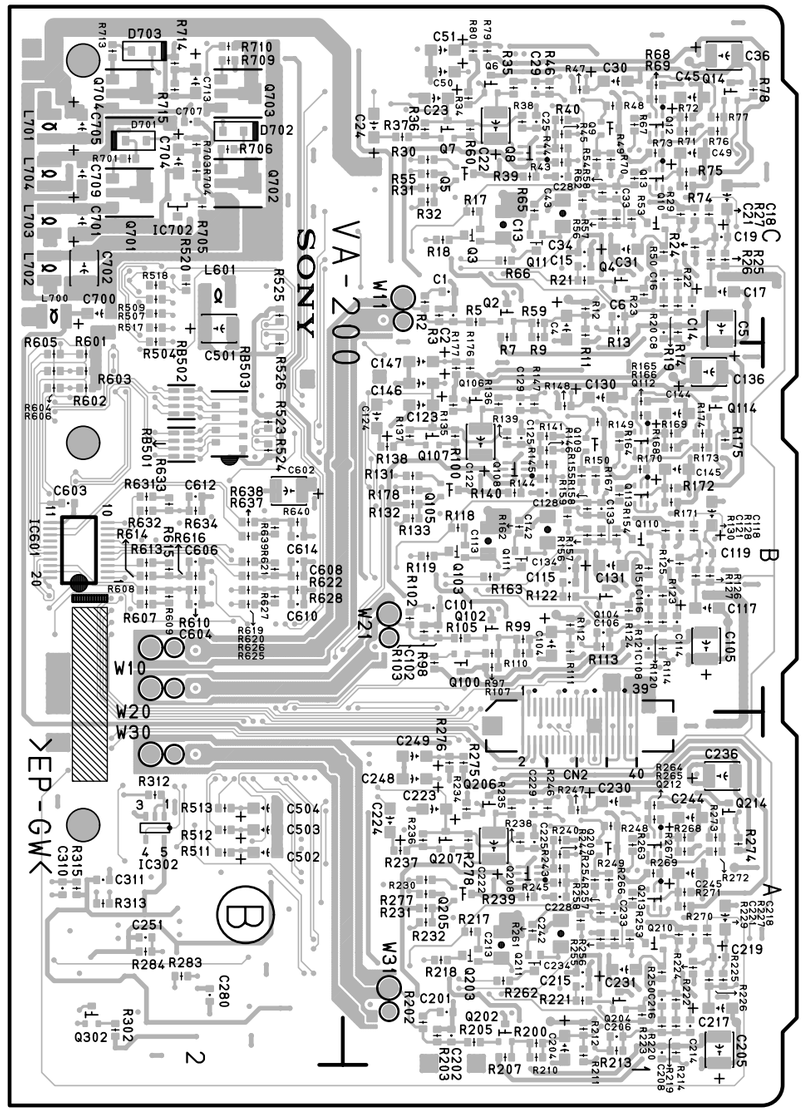
R189	B2	R319	D1				
R190	B3	R320	A2				
R191	B3	R321	C1				
R192	B2	R322	D1				
R205	*B4	R323	D1				
R206	*B3	R324	B2				
R207	*B2	R325	D1				
R208	*A1	R326	D1				
R215	*B5	R327	A2				
R216	*B4	R328	A2				
R217	*B3	R329	C5				
R227	*B5	R331	C4				
R228	*B4	R333	C2				
R229	*B3	R335	*A1				
R230	*B5	R336	*A1				
R231	*B4	R337	B5				
R232	*B3	R338	B5				
R233	*B5	R339	B5				
R234	B4	R340	B5				
R235	B3	R341	*D5				
R236	*A1	R342	*D4				
R237	B4	R343	*D3				
R238	*B5	R344	B5				
R239	*B4	R345	A5				
R240	*B2	R346	A5				
R241	*B5	R347	B2				
R242	*B4	R348	A5				
R243	*B3	R349	*B5				
R244	*A4	R350	*B4				
R245	*B5	R351	*B3				
R246	*A3	R352	*C5				
R247	*B4	R353	*C5				
R248	*A2	R354	B4				
R249	*B3	R355	*B1				
R250	*A5						
R251	*B4	RV1	D5				
R252	*A3	RV2	D4				
R253	*B1	RV3	D3				
R254	*B1	RV4	*C4				
R256	*B1	RV5	*C3				
R257	*A1	RV6	*C2				
R258	*C5						
R259	B5	TP1	*B1				
R260	B5	TP2	*B1				
R261	B5	TP3	*A1				
R264	*B1	TP4	*A5				
R265	*B6	TP5	*B3				
R266	*B1	TP6	*A2				
R268	*B6						
R269	*B1	*:B SIDE					
R270	B1						
R271	*C1						
R272	*B1						
R273	C1						
R274	C1						
R275	B5						
R276	B5						
R277	B6						
R278	B6						
R281	C1						
R282	C1						
R283	C1						
R284	C1						
R285	C1						
R288	*B6						
R291	*B5						
R292	*C6						
R293	*C6						
R294	C1						
R295	*C6						
R296	*C6						
R297	*C6						
R298	*C6						
R299	C1						
R300	*D6						
R301	*D6						
R302	*D6						
R303	*D6						
R304	C1						
R306	A2						
R307	*D5						
R308	*A6						
R309	*D6						
R310	D1						
R311	C1						
R312	C1						
R313	D1						
R314	A2						
R315	*D5						
R316	*A6						
R317	*D6						
R318	C1						

VA-200 (1-677-809-11)

C1	*C1	C145	*B1
C2	*C1	C146	*B1
C3	C1	C147	*B1
C4	*C1	C148	B1
C5	*C1	C201	*A1
C6	*C1	C202	*A1
C7	C1	C203	A1
C8	*C1	C204	*A1
C9	C1	C205	*A1
C10	C1	C206	*A1
C11	C1	C207	A1
C12	C1	C208	*A1
C13	*C1	C209	A1
C14	*C1	C210	A1
C15	*C1	C211	A1
C16	*C1	C212	A1
C17	*C1	C213	*A1
C18	*C1	C214	*A1
C19	*C1	C215	*A1
C20	C1	C216	*A1
C21	*C1	C217	*A1
C22	*C1	C218	*A1
C23	*C1	C219	*A1
C24	*C1	C220	A1
C25	*C1	C221	*A1
C26	C1	C222	*A1
C27	C1	C223	*A1
C28	*C1	C224	*A1
C29	*C1	C225	*A1
C30	*C1	C226	A1
C31	*C1	C227	A1
C32	C1	C228	*A1
C33	*C1	C229	*A1
C34	*C1	C230	*A1
C35	C1	C231	*A1
C36	*C1	C232	A1
C37	C1	C233	*A1
C38	C1	C234	*A1
C39	C1	C235	A1
C40	C1	C236	*A1
C41	C1	C237	A1
C43	*C1	C238	A1
C44	C1	C239	A1
C45	*C1	C240	A1
C46	C1	C241	A1
C49	*C1	C242	*A1
C50	*C1	C243	A1
C51	*C1	C244	*A1
C101	*B1	C245	*A1
C102	*B1	C246	A1
C103	B1	C248	*A1
C104	*B1	C249	*A1
C105	*B1	C251	*A2
C106	*B1	C280	*A2
C107	B1	C282	A2
C108	*B1	C300	A2
C109	B1	C301	A2
C110	B1	C302	A2
C111	B1	C303	A2
C112	B1	C304	A2
C113	*B1	C305	A2
C114	*B1	C306	A2
C115	*B1	C307	A2
C116	*B1	C308	A2
C117	*B1	C309	A2
C118	*B1	C310	*A2
C119	*B1	C311	*A2
C120	B1	C312	A2
C121	*B1	C501	*C2
C122	*B1	C502	*A2
C123	*B1	C503	*A2
C124	*B1	C504	*A2
C125	*B1	C505	A2
C126	B1	C601	A2
C127	B1	C602	*B2
C128	*B1	C603	*B2
C129	*B1	C604	*B2
C130	*B1	C605	B2
C131	*B1	C606	*B2
C132	B1	C607	B2
C133	*B1	C608	*B2
C134	*B1	C609	B2
C135	B1	C610	*B2
C136	*B1	C611	B2
C137	B1	C612	*B2
C138	B1	C613	B2
C139	B1	C614	*B2
C140	B1	C615	B2
C141	B1	C700	*C2
C142	*B1	C701	*C2
C143	B1	C702	*C2
C144	*B1	C703	C2



VA-200 -A SIDE-
SUFFIX: -11



VA-200 -B SIDE-
SUFFIX: -11

C704	*C2	Q101	B1
C705	*C2	Q102	*B1
C706	C2	Q103	*B1
C707	*C2	Q104	*B1
C708	C2	Q105	*B1
C709	*C2	Q106	*B1
C710	C2	Q107	*B1
C711	C2	Q108	*B1
C712	C2	Q109	*B1
C713	*C2	Q110	*B1
		Q111	*B1
CN1	B2	Q112	*B1
CN2	*A1	Q113	*B1
		Q114	*B1
D701	*C2	Q201	A1
D702	*C2	Q202	*A1
D703	*C2	Q203	*A1
		Q204	*A1
E701	A2	Q205	*A1
		Q206	*A1
FL1	C1	Q207	*A1
FL101	B1	Q208	*A1
FL201	A1	Q209	*A1
		Q210	*A1
IC1	C1	Q211	*A1
IC2	C1	Q212	*A1
IC3	C1	Q213	*A1
IC4	C1	Q214	*A1
IC5	C1	Q301	A2
IC6	C1	Q302	*A2
IC101	B1	Q303	A2
IC102	B1	Q701	*C2
IC103	B1	Q702	*C2
IC104	B1	Q703	*C2
IC105	B1	Q704	*C2
IC106	B1		
IC201	A1	R1	C1
IC202	A1	R2	*C1
IC203	A1	R3	*C1
IC204	A1	R4	C1
IC205	A1	R5	*C1
IC206	A1	R6	C1
IC280	A2	R7	*C1
IC301	A2	R8	C1
IC302	*A2	R9	*C1
IC303	A2	R10	C1
IC501	B2	R11	*C1
IC502	B2	R12	*C1
IC503	A2	R13	*C1
IC601	*B2	R14	*C1
IC602	B2	R15	C1
IC603	B2	R16	C1
IC701	C2	R17	*C1
IC702	*C2	R18	*C1
		R19	*C1
L1	C1	R20	*C1
L2	C1	R21	*C1
L3	C1	R22	*C1
L101	B1	R23	*C1
L102	B1	R24	*C1
L103	B1	R25	*C1
L201	A1	R26	*C1
L202	A1	R27	*C1
L203	A1	R28	C1
L204	C1	R29	*C1
L301	A2	R30	*C1
L302	A2	R31	*C1
L303	A2	R32	*C1
L601	*C2	R33	C1
L602	B2	R34	*C1
L700	*C2	R35	*C1
L701	*C2	R36	*C1
L702	*C2	R37	*C1
L703	*C2	R38	*C1
L704	*C2	R39	*C1
		R40	*C1
Q1	C1	R41	C1
Q2	*C1	R42	C1
Q3	*C1	R43	*C1
Q4	*C1	R44	*C1
Q5	*C1	R45	*C1
Q6	*C1	R46	*C1
Q7	*C1	R47	*C1
Q8	*C1	R48	*C1
Q9	*C1	R49	*C1
Q10	*C1	R50	*C1
Q11	*C1	R51	C1
Q12	*C1	R52	C1
Q13	*C1	R53	*C1
Q14	*C1	R54	*C1
Q99	B1	R55	*C1
Q100	*B1	R56	*C1

(Continued to next page.)

R57	*C1	R165	*B1	R278	*A1	R702	C2
R58	*C1	R166	*B1	R280	A2	R703	*C2
R59	*C1	R167	*B1	R281	A2	R704	*C2
R60	*C1	R168	*B1	R282	A2	R705	*C2
R62	*C1	R169	*B1	R283	*A2	R706	*C2
R63	C1	R170	*B1	R284	*A2	R707	C2
R64	C1	R171	*B1	R300	A2	R708	C2
R65	*C1	R172	*B1	R301	A2	R709	*C2
R66	*C1	R173	*B1	R302	*A2	R710	*C2
R67	*C1	R174	*B1	R303	A2	R711	C2
R68	*C1	R175	*B1	R304	A2	R712	C2
R69	*C1	R176	*B1	R305	A2	R713	*C2
R70	*C1	R177	*B1	R306	A2	R714	*C2
R71	*C1	R178	*B1	R307	A2	R715	*C2
R72	*C1	R200	*A1	R308	A2		
R73	*C1	R201	A1	R309	A2	RB501	*B2
R74	*C1	R202	*A1	R310	A2	RB502	*B2
R75	*C1	R203	*A1	R311	A2	RB503	*B2
R76	*C1	R204	A1	R312	*A2		
R77	*C1	R205	*A1	R313	*A2	RV1	C1
R78	*C1	R206	A1	R314	A2	RV2	C1
R79	*C1	R207	*A1	R315	*A2	RV101	B1
R80	*C1	R208	A1	R316	A2	RV102	B1
R95	B1	R209	A1	R501	B2	RV201	A1
R96	B1	R210	*A1	R502	B2	RV202	A1
R97	*B1	R211	*A1	R503	B2		
R98	*B1	R212	*A1	R504	*C2	TP1	C1
R99	*B1	R213	*A1	R505	C2	TP101	B1
R100	*B1	R214	*A1	R506	C2	TP201	A1
R101	B1	R215	A1	R507	*C2	TP701	C2
R102	*B1	R216	A1	R508	C2	TP702	C2
R103	*B1	R217	*A1	R509	*C2	TP703	C2
R104	B1	R218	*A1	R510	C2	TP704	C2
R105	*B1	R219	*A1	R511	*A2	TP705	C2
R106	B1	R220	*A1	R512	*A2		
R107	*B1	R221	*A1	R513	*A2	W10	B2
R108	B1	R222	*A1	R514	A2	W11	C1
R109	B1	R223	*A1	R515	A2	W20	B2
R110	*B1	R224	*A1	R516	A2	W21	B1
R111	*B1	R225	*A1	R517	*C2	W30	A2
R112	*B1	R226	*A1	R518	*C2	W31	A1
R113	*B1	R227	*A1	R519	C2		
R114	*B1	R228	A1	R520	*C2	*:B SIDE	
R116	B1	R229	*A1	R521	C2		
R117	B1	R230	*A1	R522	B2		
R118	*B1	R231	*A1	R523	*B2		
R119	*B1	R232	*A1	R524	*B2		
R120	*B1	R233	A1	R525	*C2		
R121	*B1	R234	*A1	R526	*B2		
R122	*B1	R235	*A1	R601	*B2		
R123	*B1	R236	*A1	R602	*B2		
R124	*B1	R237	*A1	R603	*B2		
R125	*B1	R238	*A1	R604	*B2		
R126	*B1	R239	*A1	R605	*B2		
R127	*B1	R240	*A1	R606	*B2		
R128	*B1	R241	A1	R607	*B2		
R129	B1	R242	A1	R608	*B2		
R130	*B1	R243	*A1	R609	*B2		
R131	*B1	R244	*A1	R610	*B2		
R132	*B1	R245	*A1	R611	B2		
R133	*B1	R246	*A1	R612	B2		
R134	B1	R247	*A1	R613	*B2		
R135	*B1	R248	*A1	R614	*B2		
R136	*B1	R249	*A1	R615	*B2		
R137	*B1	R250	*A1	R616	*B2		
R138	*B1	R251	A1	R617	B2		
R139	*B1	R252	A1	R618	B2		
R140	*B1	R253	*A1	R619	*B2		
R141	*B1	R254	*A1	R620	*B2		
R142	B1	R255	*A1	R621	*B2		
R143	B1	R256	*A1	R622	*B2		
R144	*B1	R257	*A1	R623	B2		
R145	*B1	R258	*A1	R624	B2		
R146	*B1	R259	A1	R625	*B2		
R147	*B1	R260	A1	R626	*B2		
R148	*B1	R261	*A1	R627	*B2		
R149	*B1	R262	*A1	R628	*B2		
R150	*B1	R263	*A1	R629	B2		
R151	*B1	R264	*A1	R630	B2		
R152	B1	R265	*A1	R631	*B2		
R153	B1	R266	*A1	R632	*B2		
R154	*B1	R267	*A1	R633	*B2		
R155	*B1	R268	*A1	R634	*B2		
R156	*B1	R269	*A1	R635	B2		
R157	*B1	R270	*A1	R636	B2		
R158	*B1	R271	*A1	R637	*B2		
R159	*B1	R272	*A1	R638	*B2		
R160	B1	R273	*A1	R639	*B2		
R161	B1	R274	*A1	R640	*B2		
R162	*B1	R275	*A1	R641	B2		
R163	*B1	R276	*A1	R642	B2		
R164	*B1	R277	*A1	R701	*C2		

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