

SONY®

HD TRIAX CCU ADAPTOR

HDFX100

Digital HDVS

MAINTENANCE MANUAL

1st Edition

Serial No. 10001 and Higher: HDFX100 (UC)

Serial No. 30001 and Higher: HDFX100 (J)

Serial No. 40001 and Higher: HDFX100 (CE)

⚠ 警告

このマニュアルは、サービス専用です。

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可能性があります。

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。

⚠ 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 angegebenen Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠ AVERTISSEMENT

Ce manuel 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.

本機をラックに設置するとき

熱の適切な排気・発散を得るために、ラックと本機の間には、以下の空間を確保してください。

- ・後面10 cm以上

Attention-when the product is installed in Rack:

1. Prevention against overloading of branch circuit

When this product is installed in a rack and is supplied power from an outlet on the rack, please make sure that the rack does not overload the supply circuit.

2. Providing protective earth

When this product is installed in a rack and is supplied power from an outlet on the rack, please confirm that the outlet is provided with a suitable protective earth connection.

3. Internal air ambient temperature of the rack

When this product is installed in a rack, please make sure that the internal air ambient temperature of the rack is within the specified limit of this product.

4. Prevention against achieving hazardous condition due to uneven mechanical loading

When this product is installed in a rack, please make sure that the rack does not achieve hazardous condition due to uneven mechanical loading.

5. Install the equipment while taking the operating temperature of the equipment into consideration

For the operating temperature of the equipment, refer to the specifications of the Operation Manual.

6. When performing the installation, keep the following space away from walls in order to obtain proper exhaust and radiation of heat.

Rear: 10 cm (4 inches) or more

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Manual Structure

Purpose of this manual

This manual is the maintenance manual for HD Triax CCU Adaptor HDFX100. This manual describes the information items necessary when the unit is supplied and installed, items that premise the service based on the components parts such as schematic diagrams, board layouts and spare parts lists, assuming use of system and service engineers.

Related manuals

Besides this maintenance manual the following manual is available for this unit.

- **Operation Manual (Supplied with this unit)**

This manual is necessary for application and operation of this unit.

Part number: 3-903-897-XX

- **“Semiconductor Pin Assignments” CD-ROM (Available on request)**

This “Semiconductor Pin Assignments” CD-ROM allows you to search for semiconductors used in B&P 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

Section 1

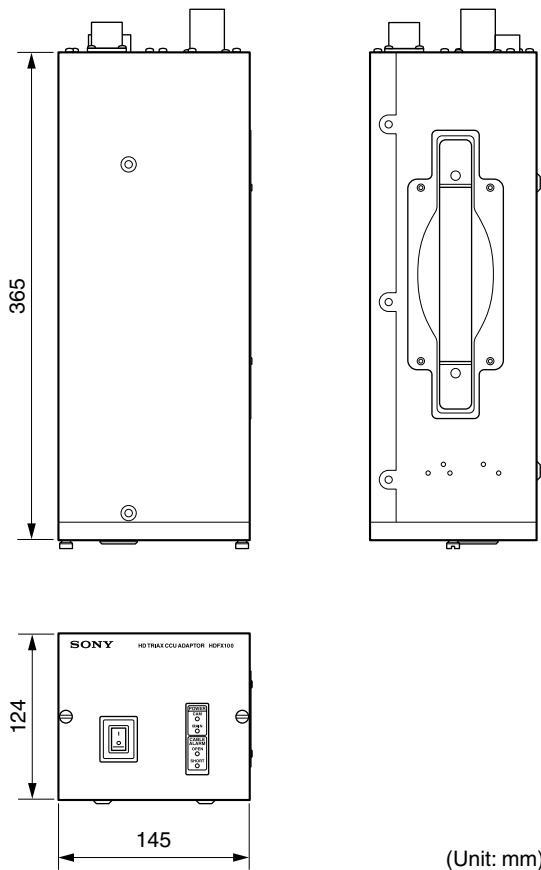
Service Overview

1-1. Operating Environment

Operating temperature: +5 °C to +40 °C
 Storage temperature: -20 °C to +60 °C
 Humidity: Noncondensing
 Supply voltage: 100 V to 240 V $\pm$ 10 % (50/60 Hz)
 Power consumption: 3 A 100 V (maximum)

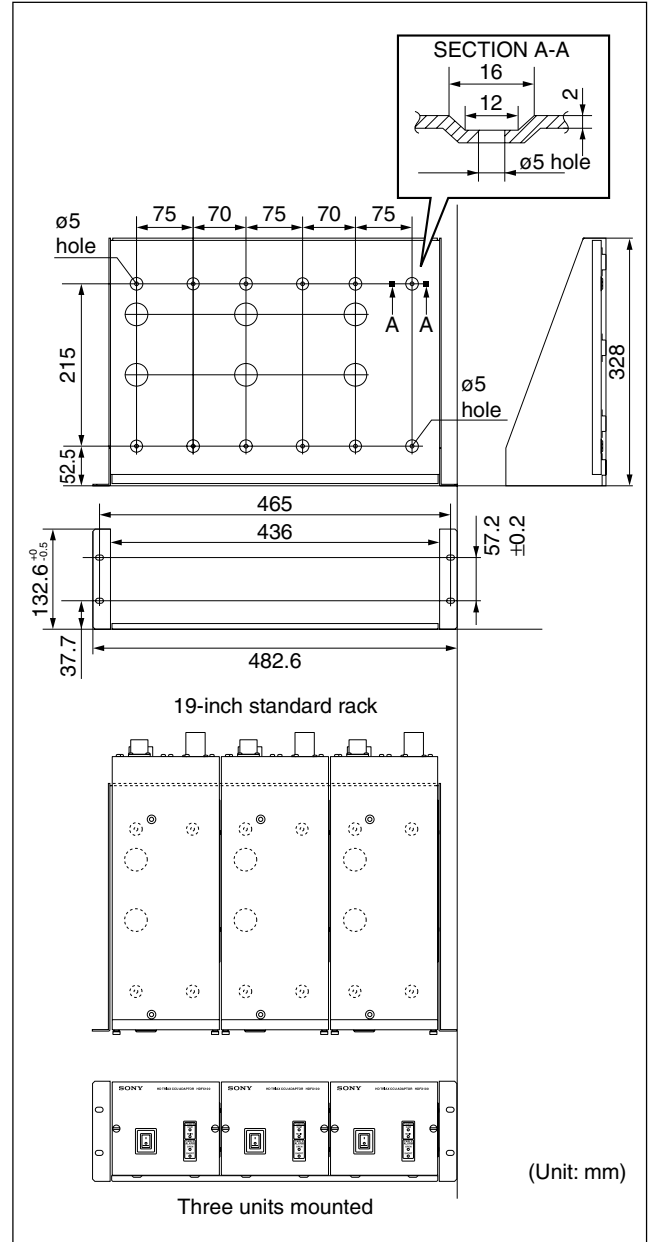
1. Do not put the unit in a place subject to high temperature or in a location near heat sources.
2. Do not put the unit in a place subject to excessive electric and magnetic fields.
3. Put the unit in a dry and well-ventilated place.
4. Do not put the unit in a place subject to excessive dust and mechanical shock.
5. Do not put the unit in a place subject to direct sunlight and light.

1-2. Outer Dimensions



1-3. Rack Mount

This unit can be mounted in a 19-inch EIA standard rack. To mount the unit in a 19-inch EIA standard rack, create the rack following the dimensions below.



1-4. Connectors and Cables

1-4-1. Connector Input/Output Signals

HDCU connector (optical/electrical composite connector)

1.485 Gbps/1.4835 Gbps serial
× 2

CAMERA/HDTX connector

UC: King Triax connector
CE: Fisher Triax connector

Transmission signal

- HDCU → CAMERA
- POWER SUPPLY (DC 180 V)
 - AUDIO (INCOM, PGM)
 - RET VIDEO
- CAMERA → HDCU
- AUDIO (INCOM, MIC)
 - CAMERA VIDEO

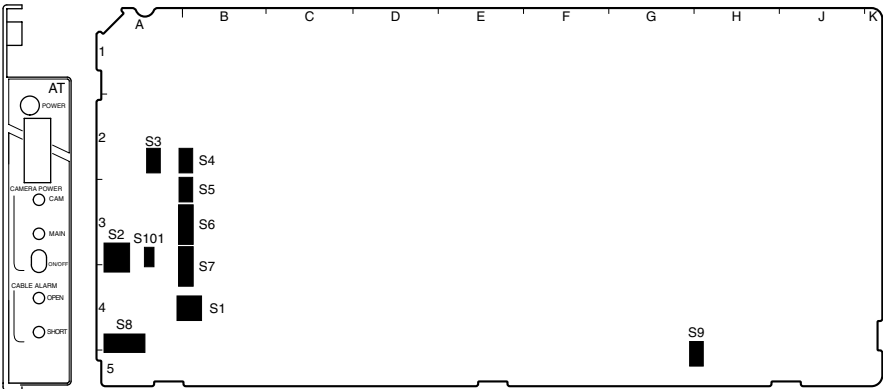
1-4-2. Connector

When connecting cables to the connectors on the connector panel during installation or service, use the following connector or equivalent at the end of the cable.

Connector name	Connector/cable
HDCU connector	To the “CAMERA” connector on HDCU: • LEMO® PUW. 3K. 93C.TLCC96 To the “HDCU” connector on camera: • LEMO® FUW. 3K. 93C.TLMC96
CAMERA/HDTX connector	TRIAX cable (commercially available)

1-5. Switch Settings

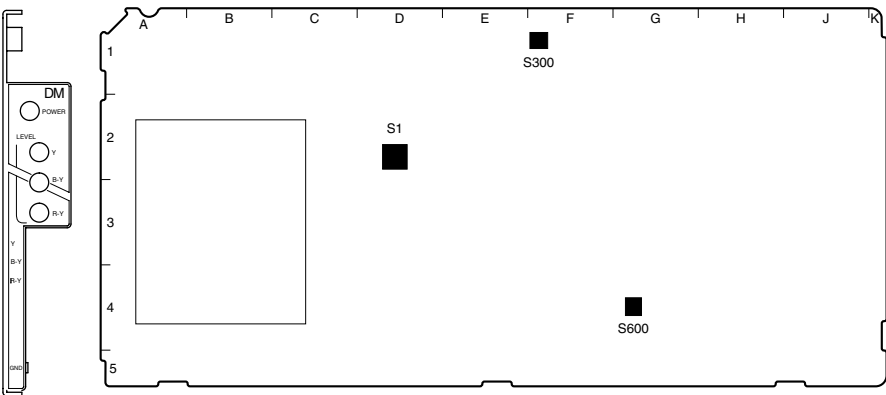
AT-161 Board



AT-161 Board (Side A)

Ref. No.	Name	Description	Factory setting
S1	ROTARY-AUX1	Spare (not used)	0
S2	CAM POWER	Toggles between STANDBY and MAIN of the power supply of CHU, and HDTX100.	ON/OFF
S3		Spare (not used)	OFF
S4			
S5		Spare (not used)	LOC
S6		Spare (not used)	C
S7			
S8-1 to S8-7	TEST	Spare (not used)	OFF
S8-8		Displays CRCC error. ON: Displays CCU → HAFX100 optical reception status. (D9/AT-161 board) OFF: Does not display.	OFF
S9	PROTECTION TEST	Factory use	OFF
S101	ROM- SEL	Factory use	OFF

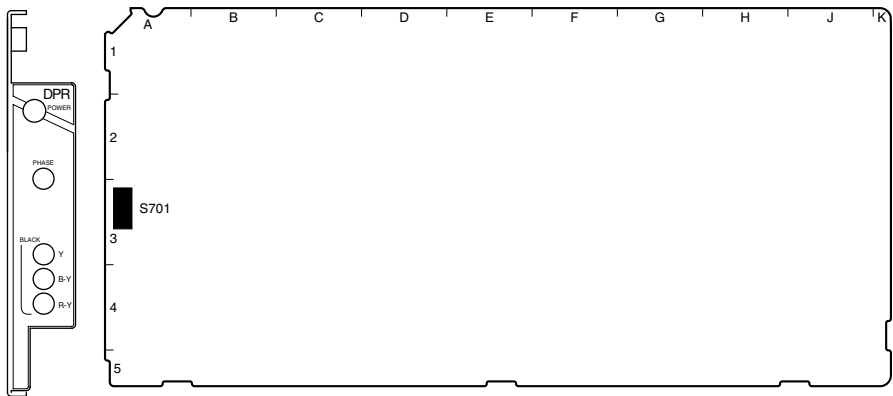
DM-141 Board



DM-141 Board (Side A)

Ref. No.	Name	Description	Factory setting
S1	CABLE LENGTH	Selects an output signal compensation according to the length of the TRIAX cable connected to the unit. Note The length described shows the case where a Fujikura cable (8.5 mm diameter) is used. F: AUTO (auto detection) 0: 90 m 1: 270 m 2: 450 m 3: 630 m	F
S300	Y2'nd AGC	AGC (auto gain control) ON/OFF of Y signal.	ON
S600	C2'nd AGC	AGC (auto gain control) ON/OFF of C signal.	ON

DPR-263 Board



DPR-263 Board (Side A)

Ref. No.	Name	Description	Factory setting
S701-1 to S701-3		Spare (not used)	OFF
S701-4	RET TEST VIDEO	When this switch is set to ON, the “RET Y-Ramp” signal is output from the built-in video test signal generator.	OFF
S701-5 S701-6	CAM TEST VIDEO 1 CAM TEST VIDEO 2	Selects a signal to be output from the built-in video test signal generator in combination of S701-5 and S701-6. *1	OFF
S701-7 S701-8	TRIAX AUDIO TEST 1 TRIAX AUDIO TEST 2	Selects a signal to be output from the built-in audio test signal generator in combination of S701-7 and S701-8. *2	OFF

*1:

S701-5	S701-6	Test signal
OFF	OFF	no signal
ON	OFF	color-bar
OFF	ON	Y/C-Ramp
ON	ON	Pathological

*2:

S701-7	S701-8	Test signal
OFF	OFF	no signal
ON	OFF	400 Hz
ON, or OFF	ON	1 kHz

1-6. System Setup Adjustment

Perform the system setup adjustment using the following procedures after replacement of a board of the unit or electrical adjustment.

Equipment

Note

Confirm that all measuring equipment and related equipment have been calibrated.

Measuring equipment

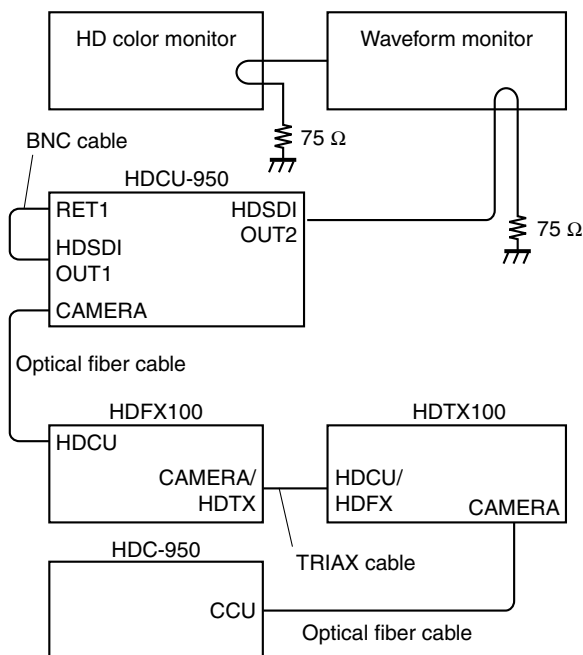
- Waveform monitor: Tektronix WFM700 or equivalent
- HD color monitor: Sony BVM-D14H5U or equivalent

Related equipment

- HD color camera HDC-950
- HD camera control unit HDCU-950
- HD TRIAX camera adapter HDTX100

Connection

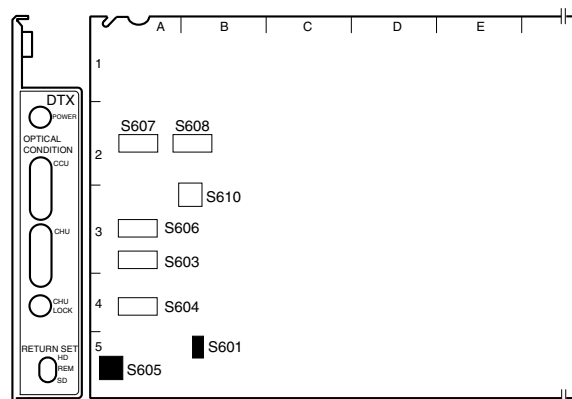
- Connect the units/equipment each other as shown in the following figure.



Preparation

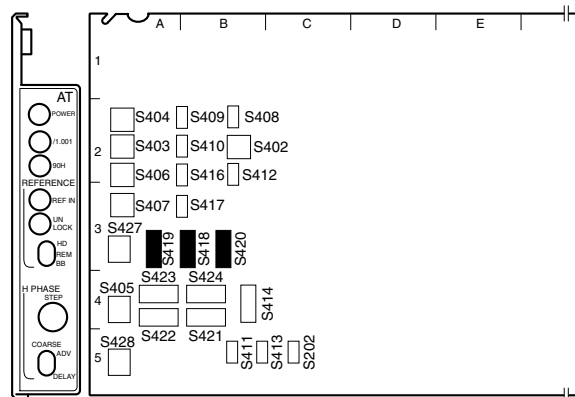
- Set the switches S601 and S605/DTX-1 board and S418 to S420/AT-149 board in HDCU-950 for system setup as follows.

- DTX-1 board
 - S601: SDI
 - S605: HD



DTX-1 board in HDCU-950 (Side A)

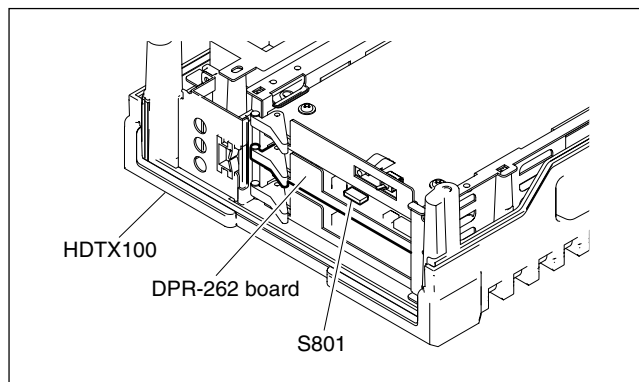
- AT-149 board
 - S418: 60V
 - S419: INTR
 - S420: 1.001



- Set S801-1 on the DPR-262 board in HDTX100 for system setup to ON.

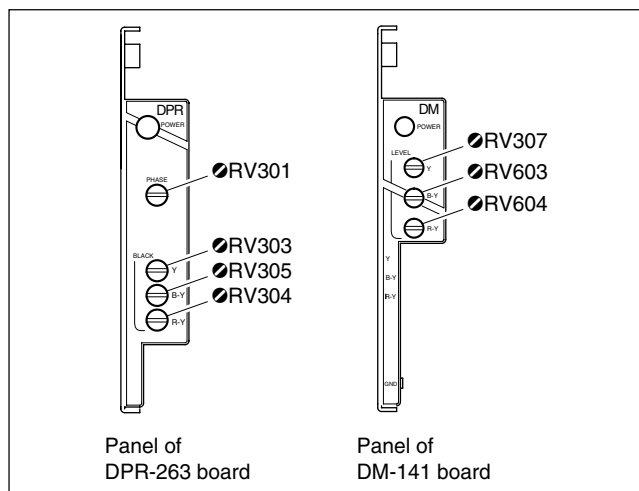
Note

The multiformat color-bar signal is output from the test signal generator in HDTX100.



- Power on this unit and other units/equipment, and warm them up for about 10 minutes.

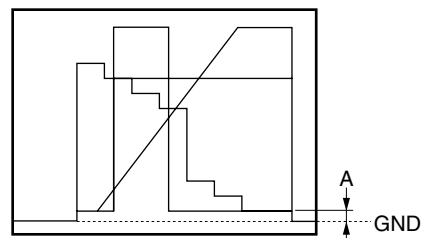
Adjusting Point



Black Level Adjustment

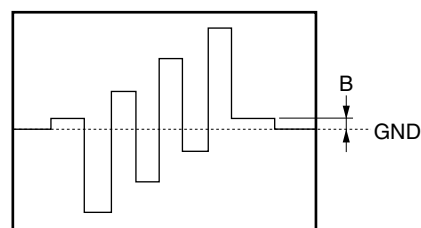
- Adjust black level (Y).

Equipment: Waveform monitor
 Test point: HD SDI OUT2/HDCU-950 rear panel
 Adjusting point: RV303/DPR-263 board
 Specification: $A = 0 \pm 1$ IRE



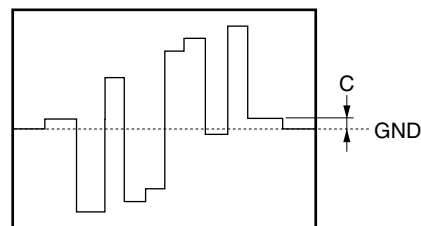
- Adjust black level (B-Y).

Equipment: Waveform monitor
 Test point: HD SDI OUT2/HDCU-950 rear panel
 Adjusting point: RV305/DPR-263 board
 Specification: $B = 0 \pm 1$ IRE



- Adjust black level (R-Y).

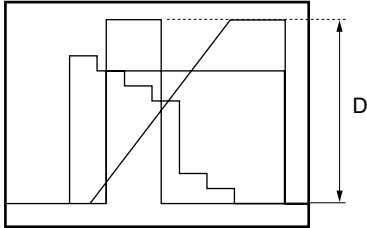
Equipment: Waveform monitor
 Test point: HD SDI OUT2/HDCU-950 rear panel
 Adjusting point: RV304/DPR-263 board
 Specification: $C = 0 \pm 1$ IRE



White Level Adjustment

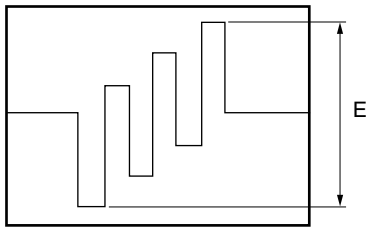
8. Adjust white level (Y).

Equipment: Waveform monitor
 Test point: HD SDI OUT2/HDCU-950 rear panel
 Adjusting point: ●RV307/DM-141 board
 Specification: $D = 100 \pm 1$ IRE



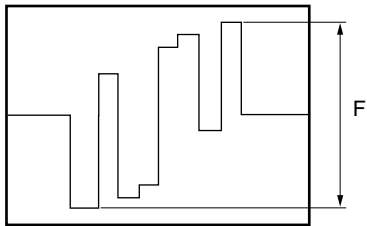
9. Adjust white level (B-Y).

Equipment: Waveform monitor
 Test point: HD SDI OUT2/HDCU-950 rear panel
 Adjusting point: ●RV603/DM-141 board
 Specification: $E = 100 \pm 1$ IRE



10. Adjust white level (R-Y).

Equipment: Waveform monitor
 Test point: HD SDI OUT2/HDCU-950 rear panel
 Adjusting point: ●RV604/DM-141 board
 Specification: $F = 100 \pm 1$ IRE



H-PHASE Adjustment

11. Display the horizontal sync signal on the monitor by pressing the H delay button of the HD color monitor.

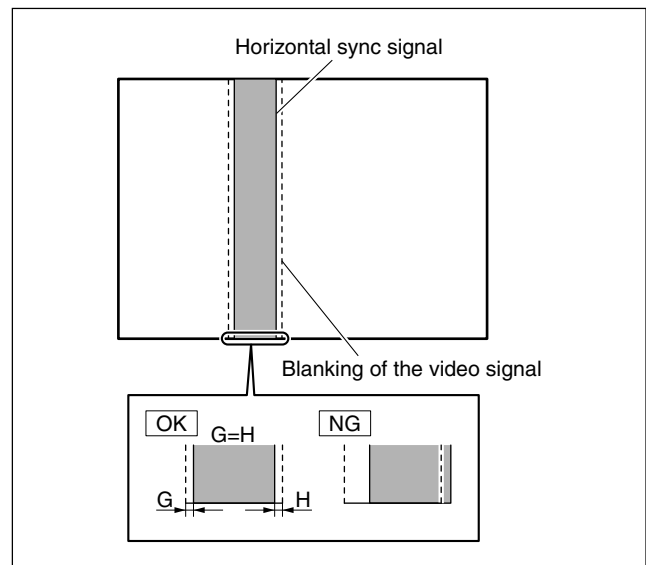
12. Adjust the position of the horizontal sync signal displayed on the monitor with ●RV301 on the DPR-263 board.

Equipment: HD color monitor
 Test point: HD SDI OUT2/HDCU-950 rear panel
 Adjusting point: ●RV301/DPR-263 board
 Specification: $G = H$

Synchronize the horizontal sync signal on the monitor with the blanking of the video signal.

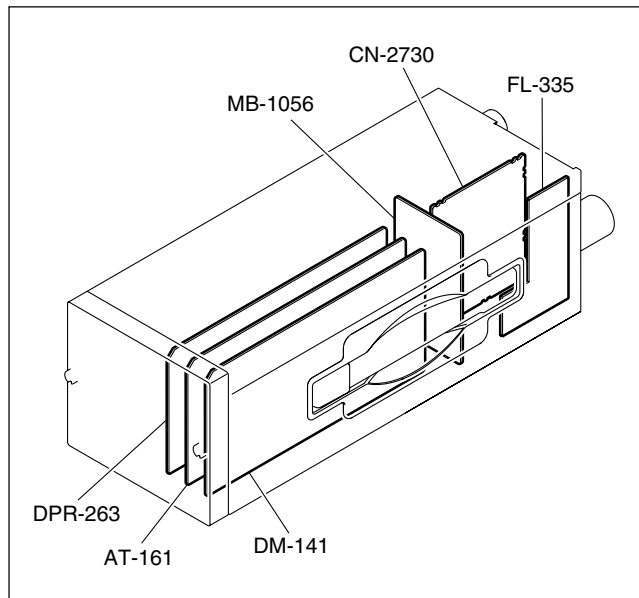
Note

Be careful so that the horizontal sync signal falls within the blanking of the video signal.



13. Power off this unit and other units/equipment, and then re-set S801-1 on the DPR-262 board to off.

1-7. Board Location



1-8. System Connection Example

Refer to “System Configuration Example” in the Operation Manual (Sony part No.: 3-903-897-0x).

1-9. Replacement of Main Parts

1-9-1. Power Supply Unit

WARNING

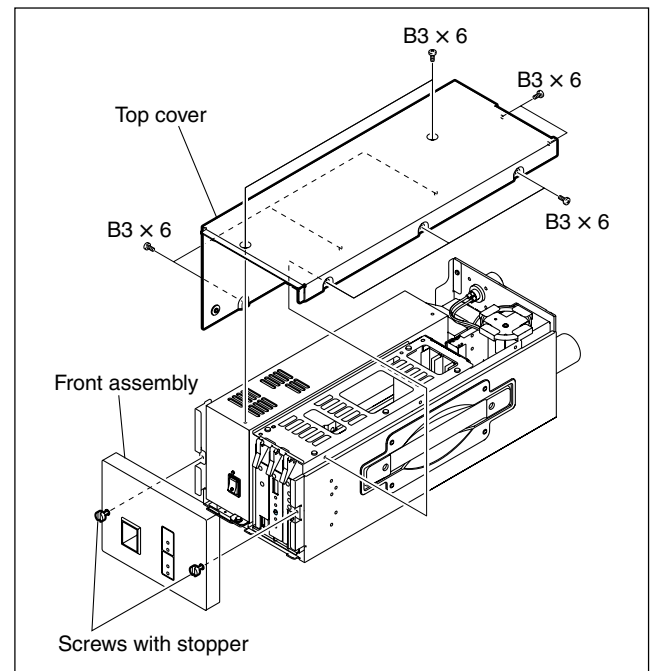
The power supply unit is critical for safe operation.

Be sure to replace it with the specified part to avoid the danger of a fire or electric shock.

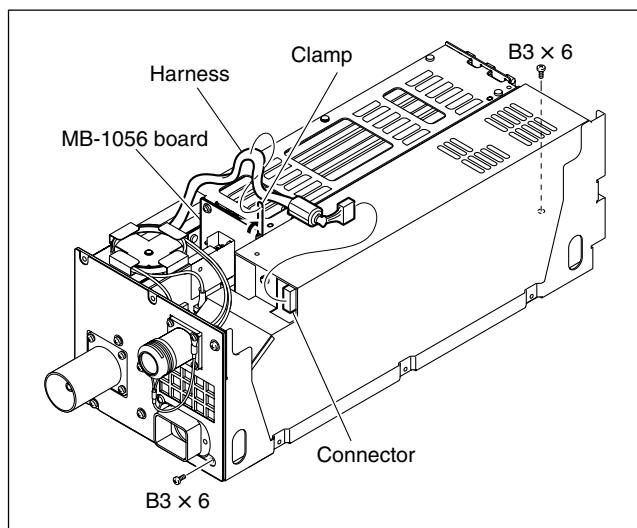
When replacing, be sure to use the specified part.

POWER UNIT: △ 1-468-935-11

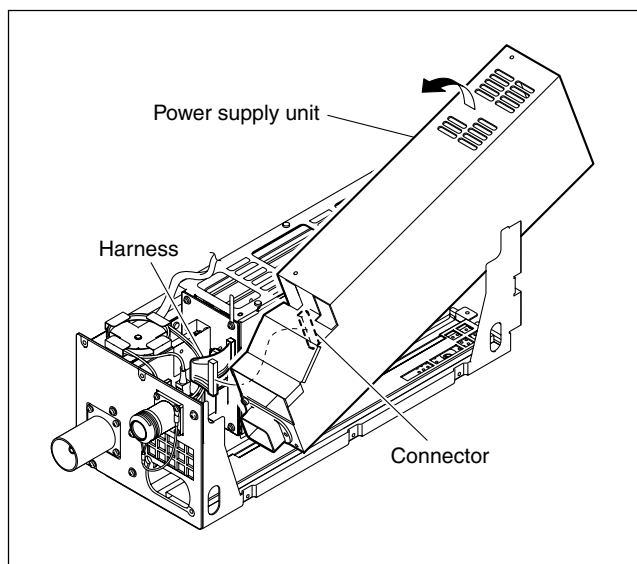
1. Turn OFF the power switch of the unit and unplug the power cord from the rear panel.
2. Loosen the two screws with stopper to detach the front assembly.
3. Remove the ten screws to detach the top cover.



4. Release the harness from the clamp on the MB-1056 board.
5. Disconnect the harness from the power supply unit.
6. Remove the two screws.



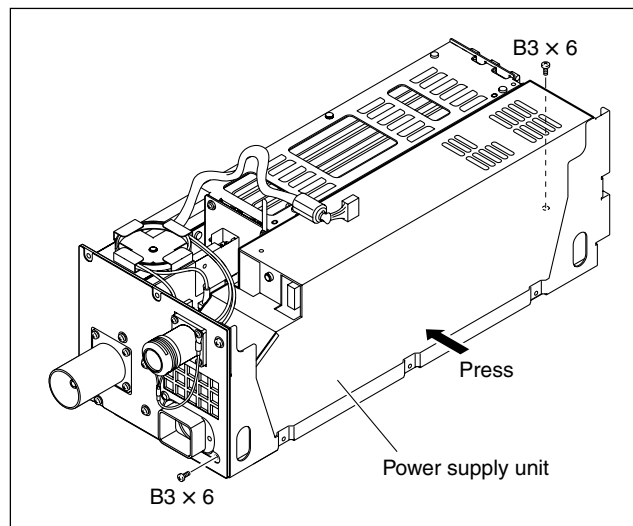
7. Remove the power supply unit in the arrow direction, and disconnect the harness from the connector on the power supply unit.



8. Reinstall the power supply unit by reversing the steps above.

Note

When securing the power supply unit, tighten the two screws while pressing it in the arrow direction.



1-9-2. Encapsulated Cable Assembly

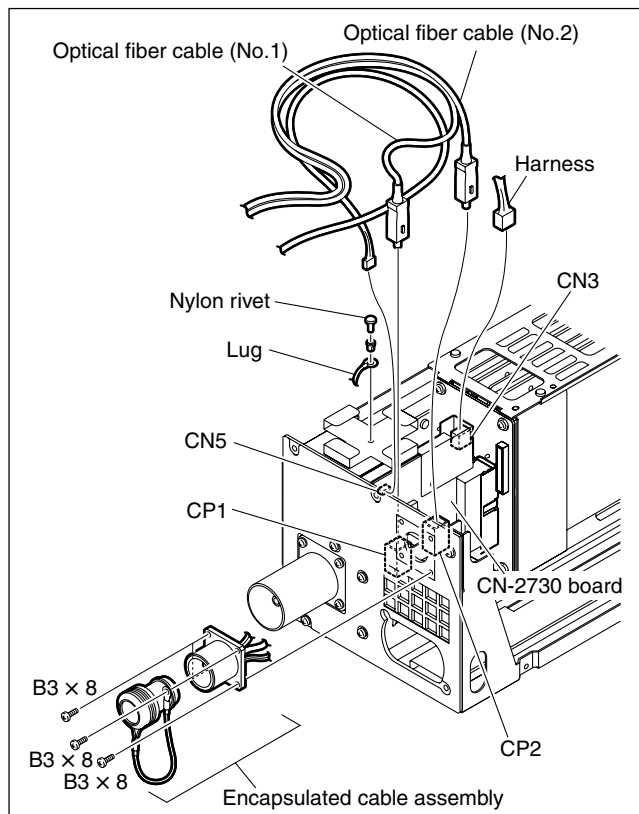
Note

When the optical fiber cables are disconnected from the E/O conversion module CP1 and O/E conversion module CP2 on the CN-2730 board, clean the connectors referring to Section 1-11 before reconnecting the cables.

1. Remove the power supply unit.
(Refer to Section 1-9-1.)
2. Disconnect the harness from the connector CN3 on the CN-2730 board.
3. Disconnect the optical fiber cables from the E/O conversion module CP1 and O/E conversion module CP2 on the CN-2730 board.

Notes

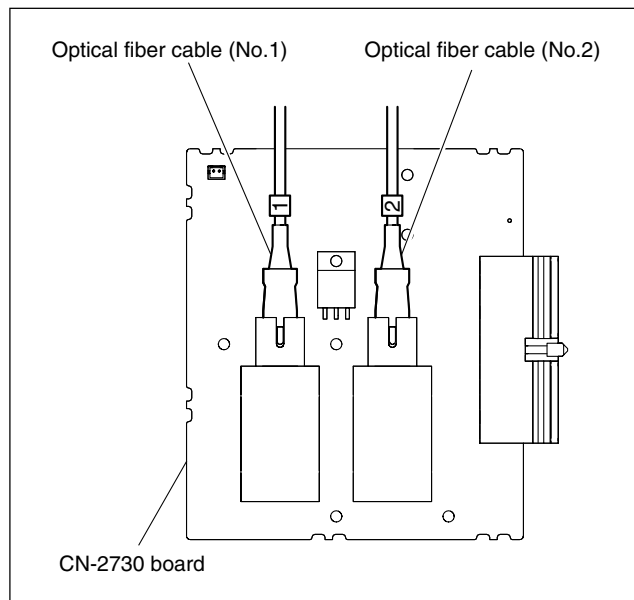
- Handle the optical fiber cables carefully as they may be disconnected if bent or pulled strongly.
 - Do not touch the tip of the connector to ensure proper signal transmission.
4. Disconnect the harness from the connector CN5 on the CN-2730 board.
 5. Remove the nylon rivet, and remove the lug on the encapsulated cable assembly.
 6. Remove the four screws, and remove the encapsulated cable assembly.



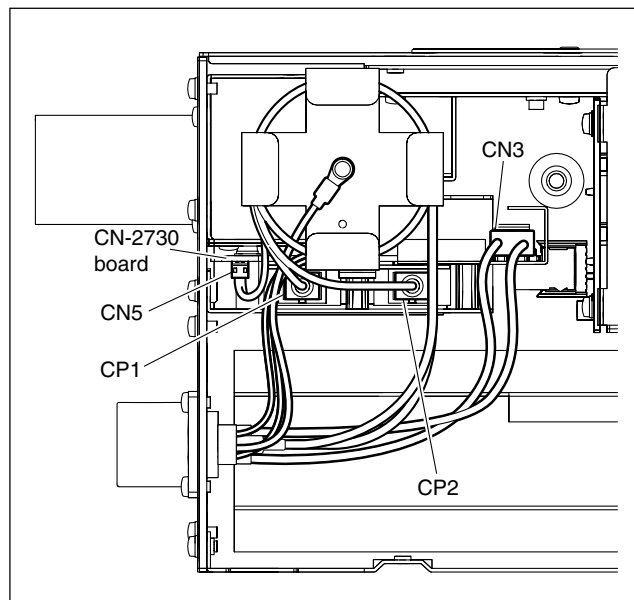
7. Reinstall the encapsulated cable assembly by reversing the steps above.

Note

- Reconnect the optical fiber cables correctly to the E/O conversion module CP1 and O/E conversion module CP2 on the CN-2730 board, paying attention to their cable numbers.



- Arrange the optical fiber cables and harnesses as shown below.



1-10. Service Action after Replacing or Repairing a Board

Take the following service actions after the following boards of the unit are replaced or repaired.

AT-161 board

After replacement

Perform system setup adjustment (Section 1-6).

After repair

1. Adjust the audio system (Section 2-3).
2. Perform system setup adjustment (Section 1-6).

DPR-263 board

DM-141 board

After replacement

Perform system setup adjustment (Section 1-6).

After repair

1. Adjust the video system (Section 2-2).
2. Perform system setup adjustment (Section 1-6).

CN-2730 board

FL-335 board

MB-1056 board

After replacement/repair

Perform system setup adjustment (Section 1-6).

1-11. Cleaning of Connector/Cable

Before connecting the unit to the camera, it is recommended to clean the following optical contact portions.

- HDCU connector of the unit
- Optical/electrical composite cable

When the optical fiber cables are disconnected from the E/O conversion module CP1 and O/E conversion module CP2 on the CN-2730 board, clean the connectors before reconnecting the cables.

Follow the procedures below for cleaning.

When the Optical Connector Cleaner (Commercially Available) is Available:

Tools required

- Optical connector cleaner (commercially available)
Product name: CLETOP®
14100402 or 14100403 (stick type) or equivalent
14100402: 2.0 mm
14100403: 2.0/2.5 mm double ended

Notes

- Alcohol is not necessary during cleaning.
- Number of possible wipes is one cleaning per a piece.
Do not reuse it.

Supplier:

NTT-AT Corporation

Optical Interconnection Business Unit

Communication Systems Business Headquarters

Tel: 81-3-5956-9025

Fax: 81-3-5956-9039

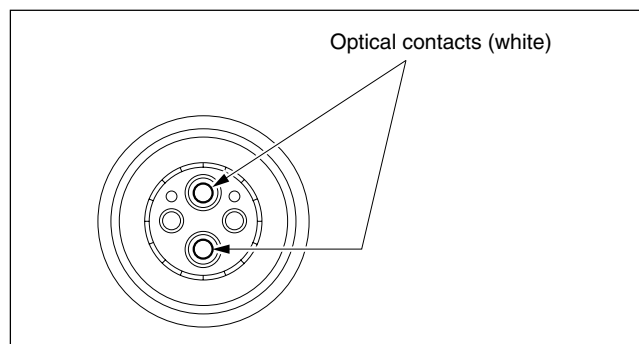
e-mail: opt-g@ntt-at.co.jp

URL: <http://ngw.ntt-at.co.jp/opt-e/>

Cleaning procedure

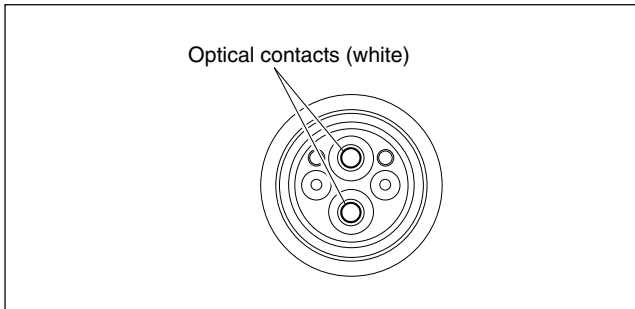
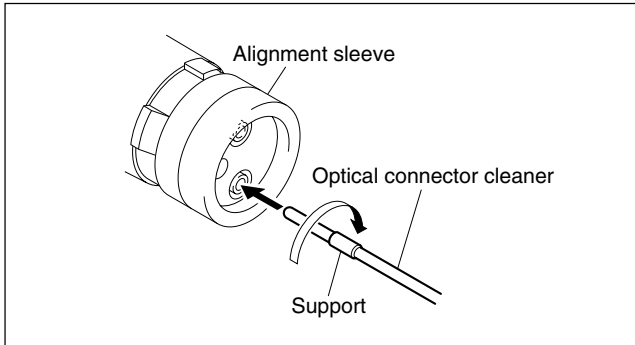
[Male connector]

Clean the tip of the white optical contacts using the optical connector cleaner.



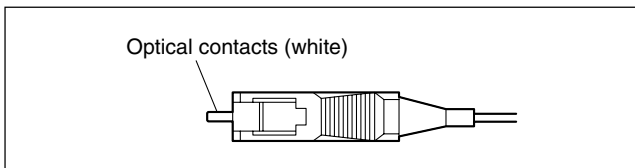
[Female connector]

1. Insert the optical connector cleaner straight. Ensure that it is held straight when inserting.
2. Apply sufficient pressure (approximately 600 g to 700 g) to ensure that the optical contact is a little depressed.
3. While pressing the optical connector cleaner against the tip of the optical contact, rotate the optical connector cleaner by 4 to 5 turns clockwise. Holding the optical connector cleaner at around its support facilitates to apply the pressure.



[Connector]

Clean the tip of the white optical contacts using the optical connector cleaner.



When the Optical Connector Cleaner (Commercially Available) is not Available:

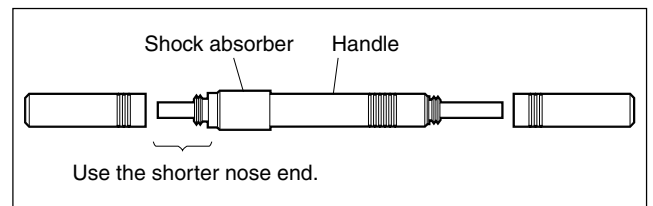
Tools required

- Alignment sleeve remover HC-001
(for female connector)
Sony P/N : J-6480-010-A or LEMO® DCC.91.312.5LA
or equivalent

Note

Insert the shorter nose end when removing/installing the alignment sleeve.

Grasp not the shock absorber portion of the remover but the handle in use.



- Cotton swabs (commercially available)

Note

Use a cotton swab whose diameter is about 4 mm.

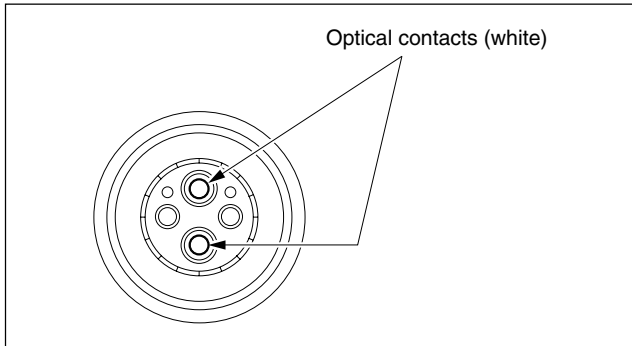
If a cotton swab whose diameter exceeds 5 mm is used, the cotton swab cannot be inserted into the end of the connector and the tip of the optical contact cannot be cleaned.

- Alcohol (commercially available)

Cleaning

[Male connector]

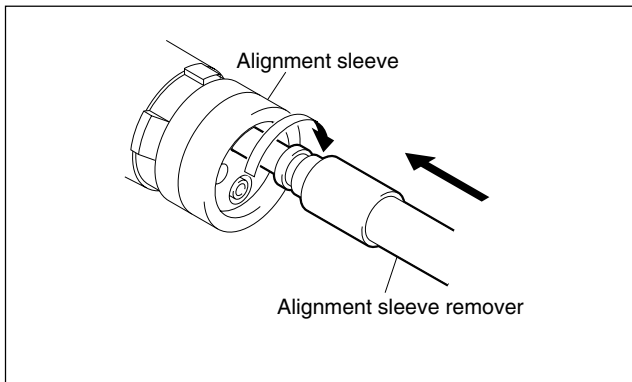
Clean the tip of the white optical contacts by a cotton swab moistened with alcohol.



[Female connector]

The optical contacts for female connector are in an unexposed state. In cleaning, it is necessary to be exposed by removing the alignment sleeve in advance. Proceed as follows.

1. Insert the alignment sleeve remover into the alignment sleeve in the straight line and turn it clockwise.

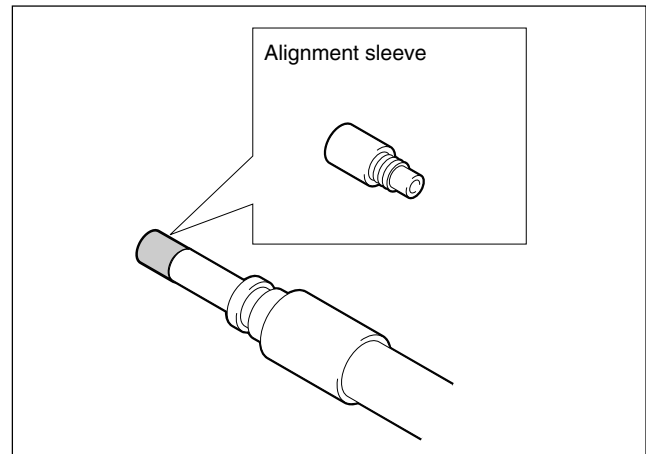


2. When the turn stops, pull out the remover in the straight line forcedly.

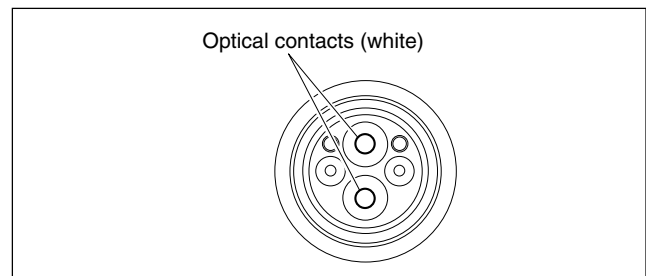
Note

The alignment sleeve can be removed/reinstalled with the sleeve itself attached to the tip of the remover. Great care should be taken so as not to lose or damage the alignment sleeve.

(Alignment sleeve: Sony P/N 9-980-074-01)



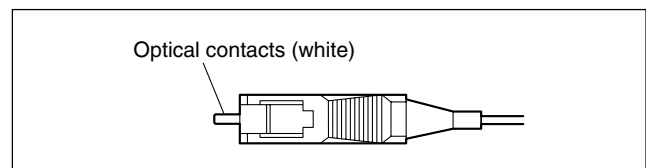
3. Clean the tip of the white optical contacts by a cotton swab moistened with alcohol.



4. Insert the remover with the alignment sleeve attached to its tip, and push it until it clicks.
5. Rotate the remover counterclockwise to install the alignment sleeve, and extract the remover.

[Connector]

Clean the tip of the white optical contacts by a cotton swab moistened with alcohol.



1-12. Settings after Replacing the EEPROM/PLD

When the following EEPROM/PLD are replaced, perform the Settings after replacing the EEPROM/PLD.

Note

The part numbers of the following ICs in which data is not written yet, are shown in “Section 3. Spare Parts.

Board	Ref. No.	EEPROM/PLD	Saved data	Settings after replacing the EEPROM/NV-RAM
DPR-263	IC203 *	PLD	Program for PLD	Write the PLD internal Data (Refer to Section 1-13.)
	IC319 *	PLD		
	IC202	EEPROM		
	IC317	EEPROM		

*: IC203 and IC319 on the DPR-263 board cannot be replaced as they are BGA (ball grid array).

1-13. Writing and Rewriting the PLD Internal Data

This unit uses the PLD (Programmable Logic Device) that supports the e-Production (EPR) system to write and rewrite the internal data.

If the part listed below needs to be replaced or to be upgraded, contact your Sony Sales Office/Service Center.

Note

The part number of PLD (or ROM for PLD) in which data is not written yet, is shown in “Section 3. Spare Parts”. Therefore, if part replacement is required, write the data by the following procedure.

In the case of the PLD type that runs on the program stored in external ROM, data needs not to be written only by replacing the part if the specific PLD only is defective.

e-Production system has the advantages shown below.

- To write/rewrite the PLD internal data:
 - The standard fixture (cable) can be used.
 - The standard software (PLD Download Tool) can be used.
- The PLD internal data is controlled in the Sony Database Server under the name Project file (E_xxx_xxx_xx_xx).
- The printed circuit board is equipped with the standard connector (EPR connector) to write the PLD internal data. The indication “EPR” is shown on the printed circuit board.

Corresponding PLD

PLD (Ref No./board name)	EPR connector (Ref No./board name)	Project file No.
IC203, IC319/DPR-263 IC202/DPR-263 *1 IC317/DPR-263 *2	CN201/DPR-263	E_000_002_61_xx

*1: IC202/DPR-263 is the ROM for IC203/DPR-263

*2: IC317/DPR-263 is the ROM for IC319/DPR-263

Equipment required

- PLD download fixture
(Sony part number: J-7120-140-A)
The cable connected PC to this unit.
- PC
A PC having parallel port.
A PC in which the PLD Download Tool software is already installed.
For the applicable OS and the operating environment, refer to “Download Tool Operating Instruction for Device Programming”.

Data write procedure

Data write procedure in the PLD (or ROM for PLD) is outlined below.

For details of data write procedure, refer to “Download Tool Operating Instruction for Device Programming” which is available in the same site where the PLD Download Tool software is available.

- Prepare the Project file.

Note

Download the Project file from the Sony Database Server.

- Turn off the power of this unit. Connect the PC parallel port to the EPR connector of the target board using the PLD download fixture (cable).
- Turn on the power of this unit.
Start the Download Tool software and read the Project file.
- Program the PLD (or ROM for PLD) with the Download Tool software.
- Upon completion of programming, check that error message is not displayed. Turn off the power of this unit and back on.

1-14. Updating the Software

The software of this unit can be updated by the following procedures.

Equipment

- ROM-28 board (Sony Part No. : A-8326-017-A)
- Extension board EX-854 (Sony Part No. : A-8344-228-A)

Preparation

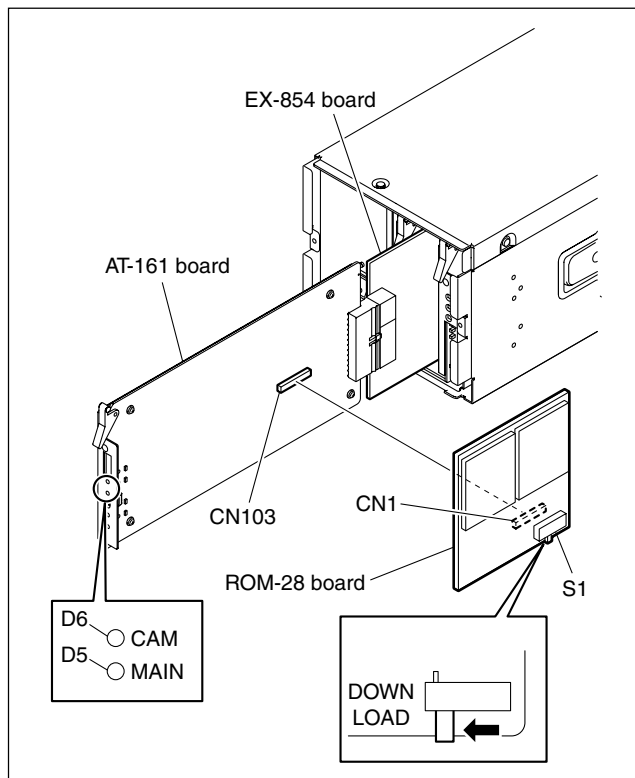
Save the updating program in the ROMs H (IC2) and L (IC3) on the ROM-28 board.

Note

For details of saving the updating program, contact your local Sony Sales Office/Service Center.

Procedures

1. Extend the AT-161 board using the EX-854 board.
2. Connect the connector CN1 on the ROM-28 board to the connector CN103 on the AT-161 board.
3. Set the switch S1 on the ROM-28 board to DOWN LOAD side.



4. Turn on the power. Then the data stored in the ROM-28 board are transferred to the ROM on the AT-161 board.

While writing, D5, D6/AT-161 board blink and then lights on completion of writing.

5. Turn off the power, and remove the ROM-28 board.
6. Restore the AT-161 board to the original position.
7. Turn on the power. The updating of the software starts.

1-15. Optional Fixtures

Name	Sony part No.	Remarks
ROM-28 board	A-8326-017-A	Updateing the software. (Refer to Section 1-14.)
Extension board EX-854	A-8344-228-A	Extending the card boards.
Alignment sleeve remover	J-6480-010-A	Cleaning of optical connector. (Refer to Section 1-11.)
PLD download fixture	J-7120-140-A	PLD data download cable. (Refer to Section 1-13.)

1-16. Unleaded Solder

Boards requiring use of unleaded solder are printed with a lead free mark (LF) indicating the solder contains no lead. (Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)



: LEAD FREE MARK

Notes

- Be sure to use the unleaded solder for the printed circuit board printed with the lead free mark.
- The unleaded solder melts at a temperature about 40 ° higher than the ordinary solder, therefore, it is recommended to use the soldering iron having a temperature regulator.
- The ordinary soldering iron can be used but the iron tip has to be applied to the solder joint for a slightly longer time. The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful.

Section 2

Electrical Alignment

2-1. Preparation

2-1-1. Equipment and Tools

Measuring equipment

- Oscilloscope: Tektronix 2465B or equivalent
- Spectrum analyzer: Advantest R3131A or equivalent
- Signal generator: Tektronix TSG130A or equivalent
- Frequency counter: Advantest TR5821AK or equivalent

Related equipment

- HD color camera HDC-950
- HD camera control unit HDCU-950
- HD TRIAX camera adapter HDTX100

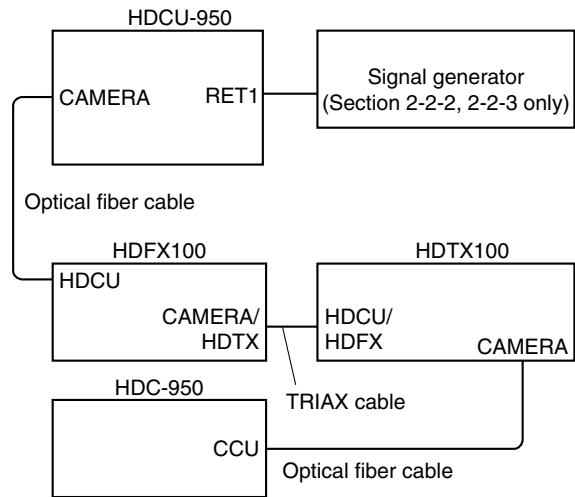
Tools

- Extension board EX-854:
(Sony part No.: A-8344-228-A)
- TRIAX cable: Fujikura cable (100 m, 8.5 mm) or equivalent

2-1-2. Notes on Adjustments

- Confirm that all measuring equipment and related equipment have been calibrated.
- Set the switches S418 to S420 for electrical adjustments on the AT-149 board in HDCU-950 as follows, and also set the system format to 1080/59.94i.
(Refer to Section 1-6.)
S418/AT-149 board: 60V
S419/AT-149 board: INTR
S420/AT-149 board: 1.001
- Check that the switches S601 and S605 for electrical adjustments on the DTX-1 board in HDCU-950 as follows. (Refer to Section 1-6.)
S601/DTX-1 board: SDI
S605/DTX-1 board: HD

2-1-3. Connection



2-2. Video System Adjustment

2-2-1. Return Duty Adjustment

Measuring equipment:

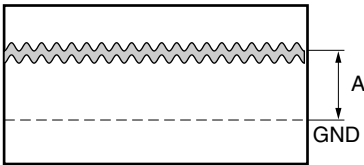
Oscilloscope
20 MHz BW Limit: ON
Input mode: DC

Board extension: DPR-263 board

Test point: TP301 (GND: E201)/DPR-263 board

Adjusting point: ⚙RV302/DPR-263 board

Specification: $A = 1.6 \pm 0.05 \text{ V dc}$



2-2-2. Return Video Level Adjustment

Preparation

1. Set S601 and S605 for adjustment on the DTX-1 board in HDCU-950 as follows. (Refer to Section 1-6.)
S601: VBS
S605: SD
2. Connect the signal generator to the RET 1 IN connector on HDCU-950, and input the RAMP signal.

Adjustment procedure

3. Measuring equipment:

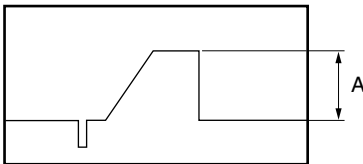
Oscilloscope
Input mode: DC

Board extension: DPR-263 board

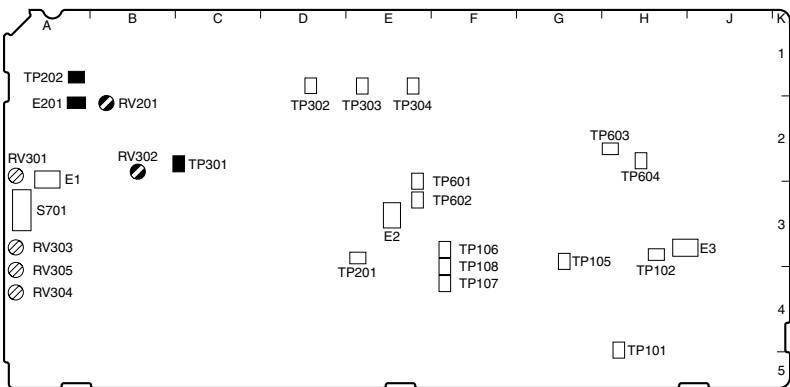
Test point: TP202 (GND: E201)/DPR-263 board

Adjusting point: ⚙RV201/DPR-263 board

Specification: $A = 1.4 \pm 0.15 \text{ V dc}$



4. Set S601 and S605 on the DTX-1 board in HDCU-950 as follows. (Refer to Section 1-6.)
S601: SDI
S605: HD
5. Disconnect the signal generator from the RET 1 IN connector on HDCU-950.

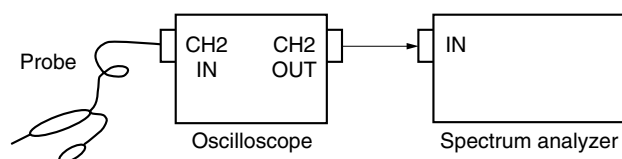


DPR-263 BOARD (SIDE A)

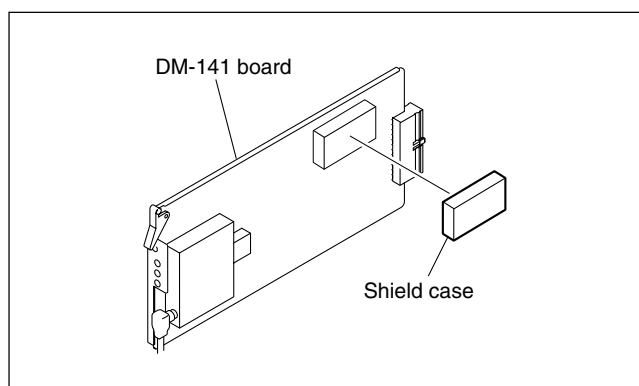
2-2-3. Return Frequency Adjustment

Preparation

1. Set S601 and S605 for adjustment on the DTX-1 board in HDCU-950 as follows. (Refer to Section 1-6.)
S601: VBS
S605: SD
2. Connect the signal generator to the RET 1 IN connector on HDCU-950, and input the MOD RAMP signal.
3. Connect the oscilloscope to the spectrum analyzer as shown below.



4. Remove the shield case from the DM-141 board with tweezers or the like.



Adjustment procedure

5. Measuring equipment:

Spectrum analyzer
(via oscilloscope)
CENTER: 126 MHz
SPAN: 20 MHz

Board extension: DM-141 board

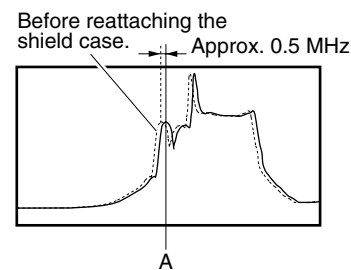
Test point: TP900 (GND: E900)/DM-141 board

Adjusting point: ⚙CT900/DM-141 board

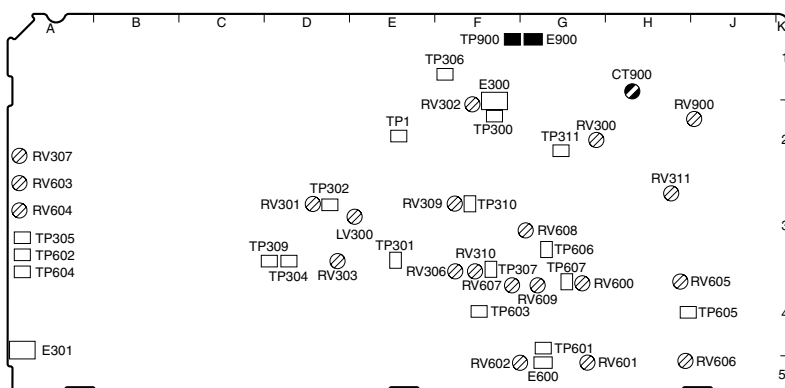
Specification: $A = 126 \pm 1$ MHz

Note

When the shield case is attached to the DM-141 board, the return frequency increases by approx. 0.5 MHz. Adjust ⚙CT900 to meet the specification with the shield case attached.



6. Attach the shield case to the DM-141 board.



DM-141 BOARD (SIDE A)

7. Measuring equipment:

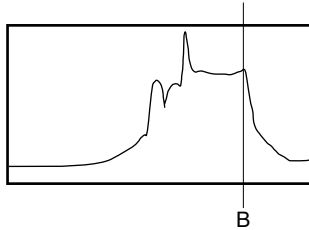
Spectrum analyzer
(via oscilloscope)
CENTER: 126 MHz
SPAN: 20 MHz

Board extension: DM-141 board

Test point: TP900 (GND: E900)/DM-141 board

Adjusting point: RV900/DM-141 board

Specification: $B = 132 \pm 0.2 \text{ MHz}$



8. Set S601 and S605 on the DTX-1 board in HDCU-950 as follows. (Refer to Section 1-6.)

S601: SDI

S605: HD

9. Disconnect the signal generator from the RET 1 IN connector on HDCU-950.

2-2-4. Y AGC CONT Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

2. Set S300 on the DM-141 board to OFF.

Adjustment procedure

3. Measuring equipment:

Oscilloscope

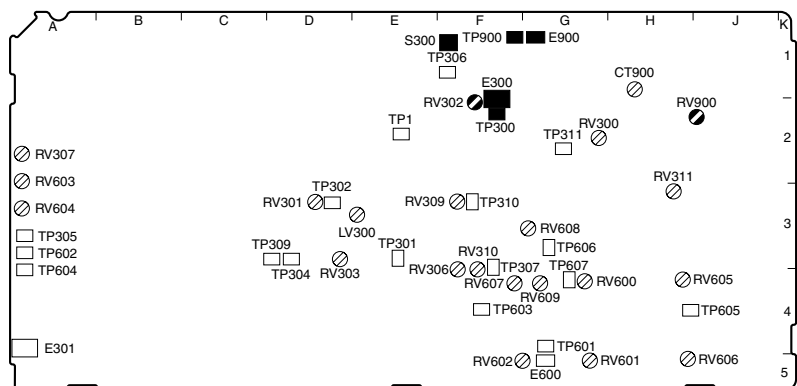
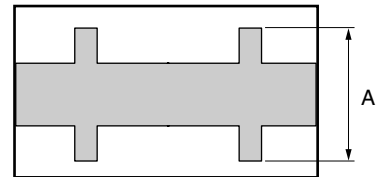
Input mode: DC

Board extension: DM-141 board

Test point: TP300 (GND: E300)/DM-141 board

Adjusting point: RV302/DM-141 board

Specification: $A = 330 \pm 10 \text{ mV dc}$



DM-141 BOARD (SIDE A)

2-2-5. SYNC SEP Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

2. Set S300 on the DM-141 board to OFF.

Adjustment procedure

3. Measuring equipment:

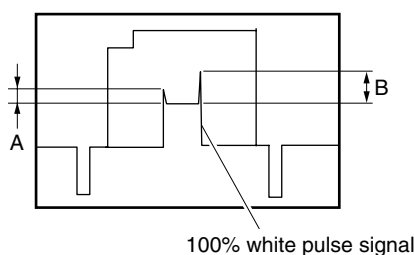
Oscilloscope

Board extension: DM-141 board

Test point: TP301 (GND: E300)/DM-141 board

Adjusting point: ⒶLV300/DM-141 board

Specification: $A : B = 1 : 2$



2-2-6. SYNC Sample Hold Pulse Width Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

2. Set S300 on the DM-141 board to OFF.

Adjustment procedure

3. Measuring equipment:

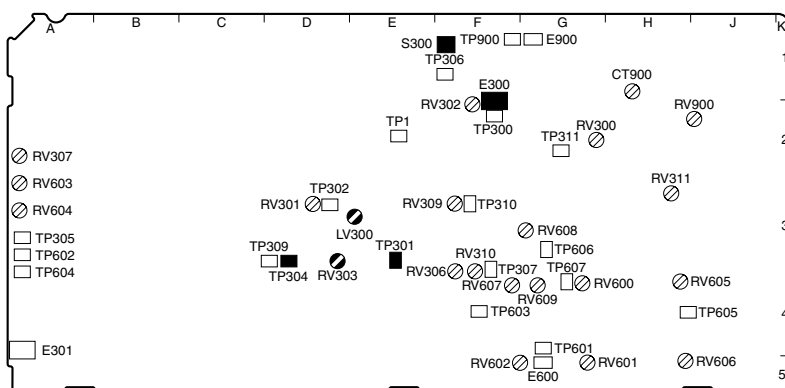
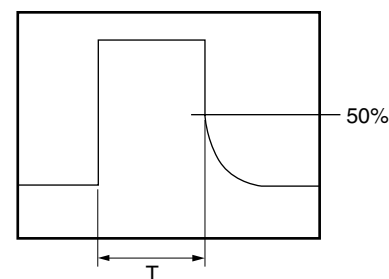
Oscilloscope

Board extension: DM-141 board

Test point: TP304 (GND: E300)/DM-141 board

Adjusting point: ⒶRV303/DM-141 board

Specification: $T = 0.7 \pm 0.1 \mu s$



DM-141 BOARD (SIDE A)

2-2-7. BLACK Sample Hold Pulse Width Adjustment

Preparation

- 1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

- 2. Set S300 on the DM-141 board to OFF.

Adjustment procedure

- 3. Measuring equipment:

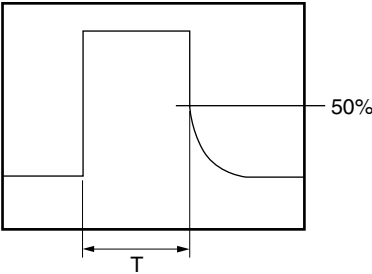
Oscilloscope

Board extension: DM-141 board

Test point: TP302 (GND: E300)/DM-141 board

Adjusting point: RV301/DM-141 board

Specification: $T = 0.7 \pm 0.1 \mu s$



2-2-8. 64.8 MHz Adjustment

Preparation

- 1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

- 2. Set S300 on the DM-141 board to OFF.

Adjustment procedure

- 3. Measuring equipment:

Oscilloscope

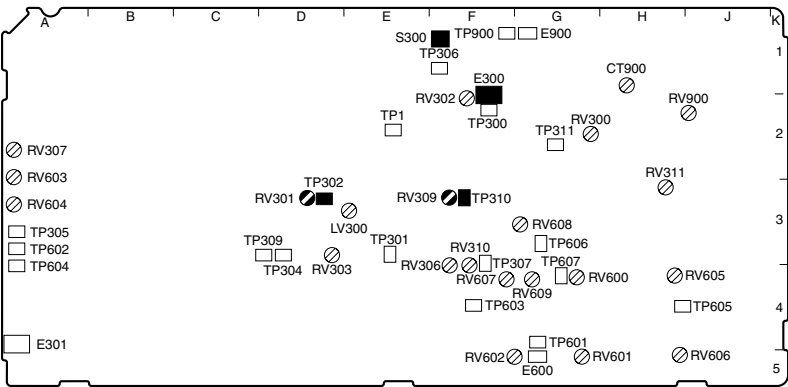
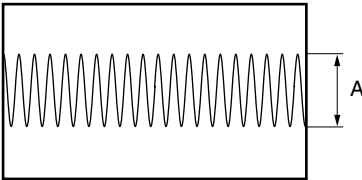
Input mode: DC

Board extension: DM-141 board

Test point: TP310 (GND: E300)/DM-141 board

Adjusting point: RV309/DM-141 board

Specification: $A = 800 \pm 20 mV dc$



DM-141 BOARD (SIDE A)

2-2-9. Y VCO DC Set 1 Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

2. Set S300 on the DM-141 board to OFF.

Adjustment procedure

3. Measuring equipment:

Oscilloscope
Input mode: DC

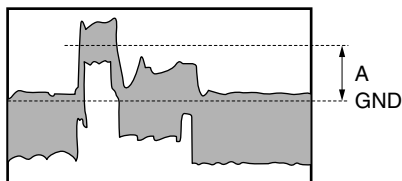
Board extension: DM-141 board

Test point: TP311 (GND: E300)/DM-141 board

TRIG: TP304/DM-141 board

Adjusting point: RV306/DM-141 board

Specification: $A = 20^{+2}_{-10}$ mV dc



2-2-10. Y Carrier Balance Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

2. Set S300 on the DM-141 board to OFF.

Adjustment procedure

3. Measuring equipment:

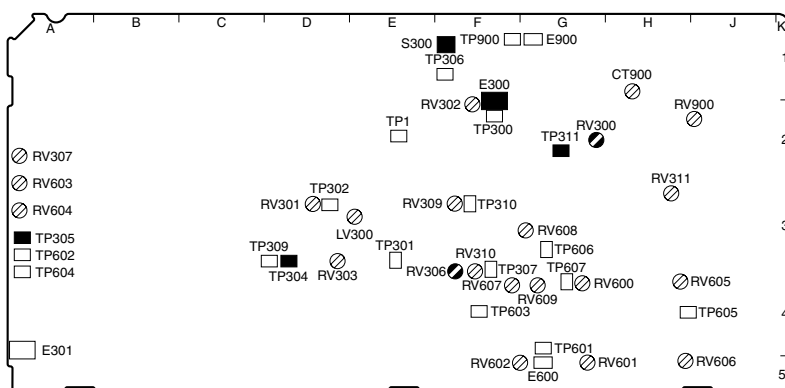
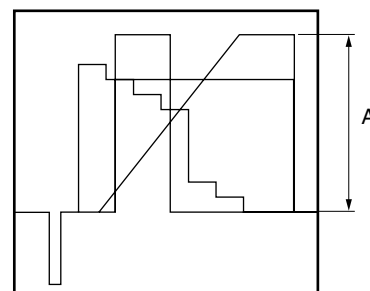
Oscilloscope

Board extension: DM-141 board

Test point: TP305 (GND: E300)/DM-141 board

Adjusting point: RV300/DM-141 board

Specification: A = maximum



DM-141 BOARD (SIDE A)

2-2-11. Y Level Adjustment

Preparation

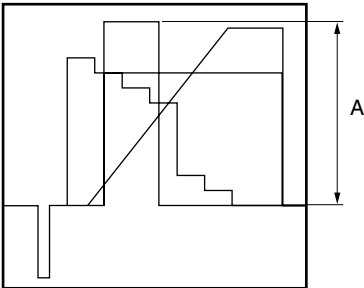
- 1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

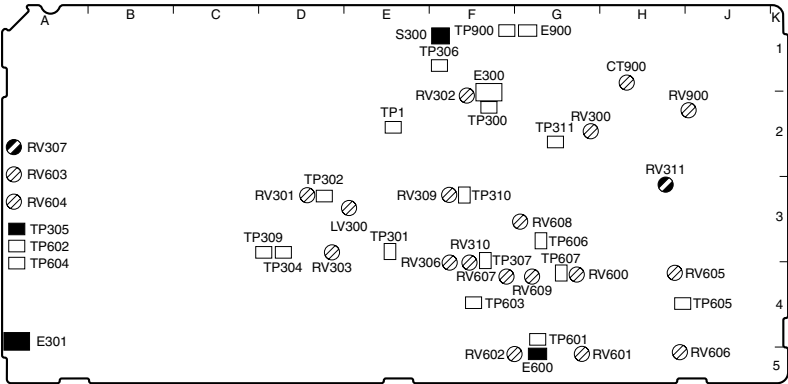
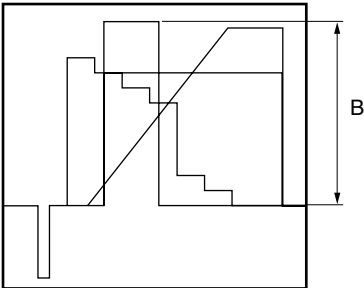
A multiformat color-bar signal is output from the test signal generator in HDTX100.
- 2. Set S300 on the DM-141 board to OFF.

Adjustment procedure

- 3. Check that DL300 on the DM-141 board is set to the maximum counterclockwise.
- 4. Measuring equipment:
 - Oscilloscope
 - Input mode: DC
 - Board extension: DM-141 board
 - Test point: TP305 (GND: E301)/DM-141 board
 - Adjusting point: RV311/DM-141 board
 - Specification: $A = 1.4 \pm 0.15 \text{ V dc}$



- 5. Set S300 on the DM-141 board to ON.
- 6. Measuring equipment:
 - Oscilloscope
 - Input mode: DC
 - Board extension: DM-141 board
 - Test point: TP305 (GND: E600)/DM-141 board
 - Adjusting point: RV307/DM-141 board
 - Specification: $B = 1.4 \pm 0.2 \text{ V dc}$



2-2-12. C AGC CONT Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

2. Set S600 on the DM-141 board to OFF.

Adjustment procedure

- ### 3. Measuring equipment:

Oscilloscope

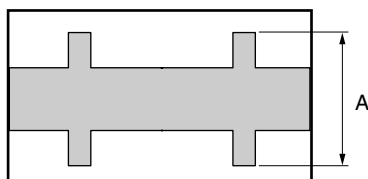
Input mode: DC

Board extension: DM-141 board

Test point: TP601 (GND: E600)/DM-141 board

Adjusting point: RV602/DM-141 board

Specification: $A = 330 \pm 10 \text{ mV dc}$



2-2-13. 21.6 MHz Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

2. Set S600 on the DM-141 board to OFF.

Adjustment procedure

- ### 3. Measuring equipment:

Oscilloscope

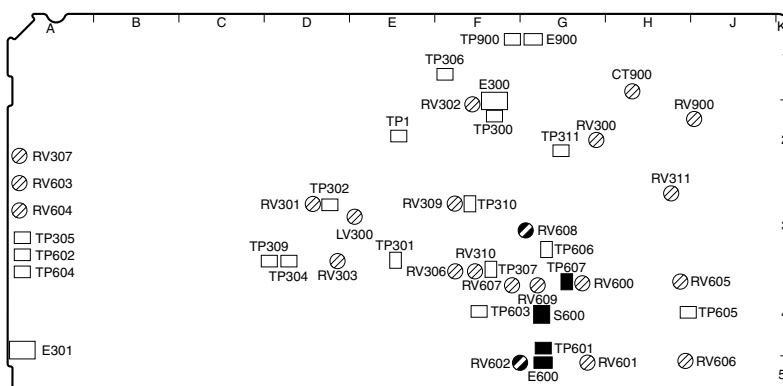
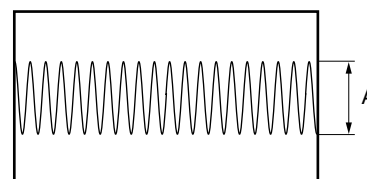
Input mode: DC

Board extension: DM-141 board

Test point: TP607 (GND: E600)/DM-141 board

Adjusting point: RV608/DM-141 board

Specification: $A = 400 \pm 20 \text{ mV dc}$



DM-141 BOARD (SIDE A)

2-2-14. B-Y PLL Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

2. Set S600 on the DM-141 board to OFF.

Adjustment procedure

3. Measuring equipment:

Oscilloscope

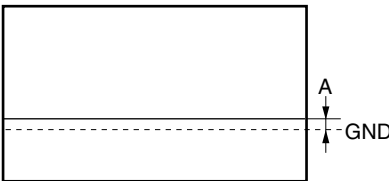
Input mode: DC

Board extension: DM-141 board

Test point: TP606 (GND: E600)/DM-141 board

Adjusting point: RV607/DM-141 board

Specification: $A = 0 \pm 10 \text{ mV dc}$



2-2-15. B-Y Offset Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

2. Set S600 on the DM-141 board to OFF.

Adjustment procedure

3. Measuring equipment:

Oscilloscope

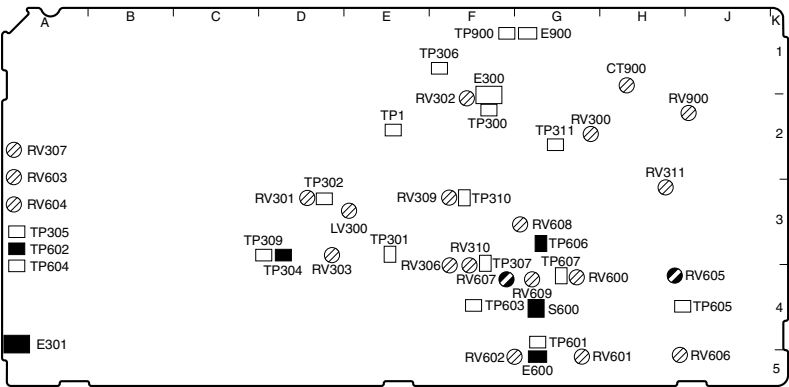
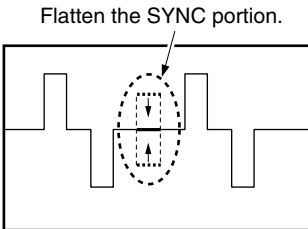
Board extension: DM-141 board

Test point: TP602 (GND: E301)/DM-141 board

TRIG: TP304/DM-141 board

Adjusting point: RV605/DM-141 board

Specification: Flatten the SYNC portion of the waveform.



DM-141 BOARD (SIDE A)

2-2-16. B-Y Carrier Balance Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

2. Set S600 on the DM-141 board to OFF.

Adjustment procedure

3. Measuring equipment:

Oscilloscope

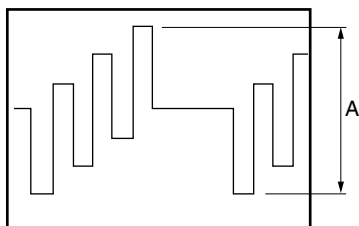
Board extension: DM-141 board

Test point: TP602 (GND: E301)/DM-141 board

TRIG: TP304/DM-141 board

Adjusting point: RV600/DM-141 board

Specification: A = maximum



2-2-17. B-Y Level Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

2. Set S600 on the DM-141 board to ON.

Adjustment procedure

3. Measuring equipment:

Oscilloscope

Input mode: DC

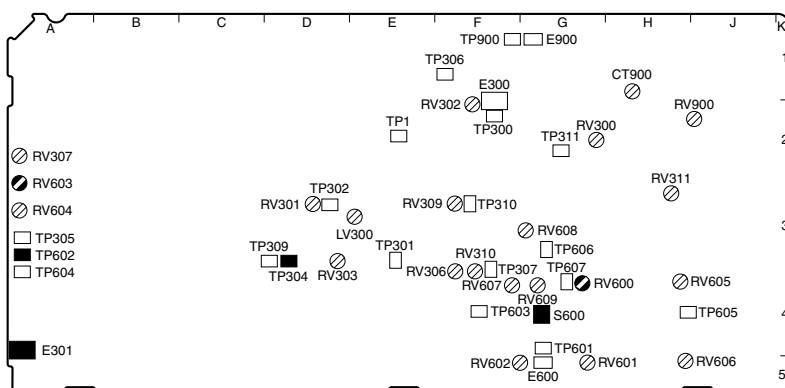
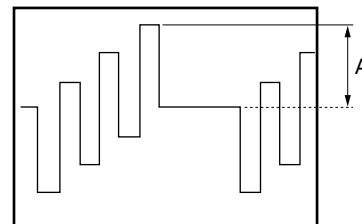
Board extension: DM-141 board

Test point: TP602 (GND: E301)/DM-141 board

TRIG: TP304/DM-141 board

Adjusting point: RV603/DM-141 board

Specification: A = 700 ± 14 mV dc



DM-141 BOARD (SIDE A)

2-2-18. 90° Set Adjustment

Preparation

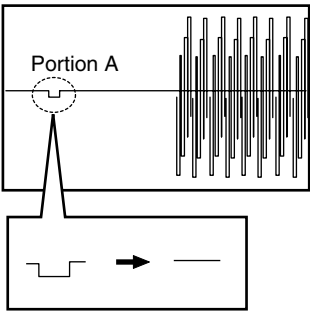
- 1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

Adjustment procedure

- 2. Measuring equipment:
Oscilloscope
Board extension: DM-141 board
Test point: TP604 (GND: E301)/DM-141 board
TRIG: TP309/DM-141 board
Adjusting point: RV606/DM-141 board
Specification: Flatten portion A of the waveform.



2-2-19. R-Y Level Adjustment

Preparation

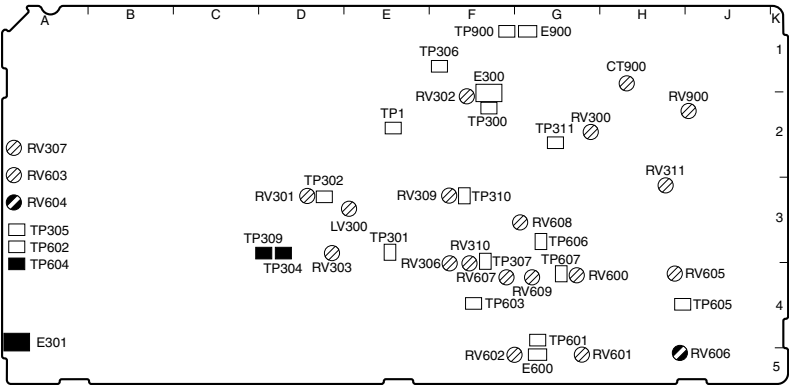
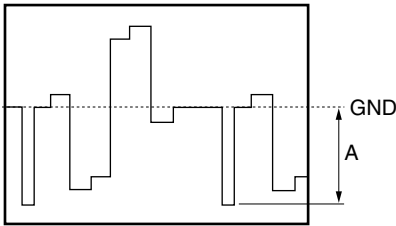
- 1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

Adjustment procedure

- 2. Measuring equipment:
Oscilloscope
Input mode: DC
Board extension: DM-141 board
Test point: TP604 (GND: E301)/DM-141 board
TRIG: TP304/DM-141 board
Adjusting point: RV604/DM-141 board
Specification: A = 700 ± 7 mV dc



DM-141 BOARD (SIDE A)

2-2-20. R-Y Carrier Balance Adjustment

Preparation

1. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.

Adjustment procedure

2. Measuring equipment:

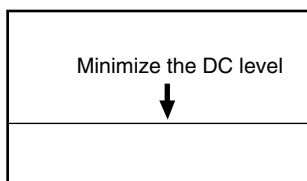
Oscilloscope

Board extension: DM-141 board

Test point: TP605 (GND: E600)/DM-141 board

Adjusting point: RV601/DM-141 board

Specification: Minimize the DC level.



2-2-21. Y VCO DC Set 2 Adjustment

Preparation

1. Set S418 to S420 for adjustment on the AT-149 board in HDCU-950 as follows, and also set the system format to 1080/60i. (Refer to Section 1-6.)

S418/AT-149 board: 60V

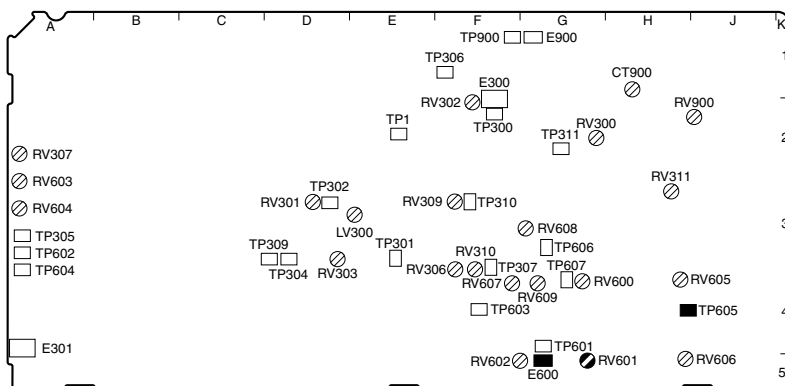
S419/AT-149 board: INTR

S420/AT-149 board: 1.000

2. Set S801-1 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A multiformat color-bar signal is output from the test signal generator in HDTX100.



DM-141 BOARD (SIDE A)

Adjustment procedure

3. Measuring equipment:

Oscilloscope

Input mode: DC

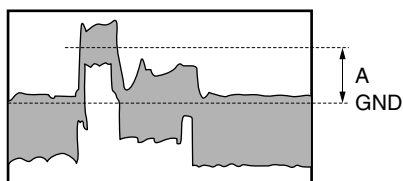
Board extension: DM-141 board

Test point: TP311 (GND: E300)/DM-141 board

TRIG: TP304/DM-141 board

Adjusting point: RV310/DM-141 board

Specification: $A = 20^{+2}_{-10} \text{ mV dc}$



4. Measuring equipment:

Oscilloscope

Input mode: DC

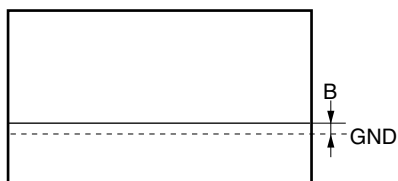
Board extension: DM-141 board

Test point: TP606 (GND: E600)/DM-141 board

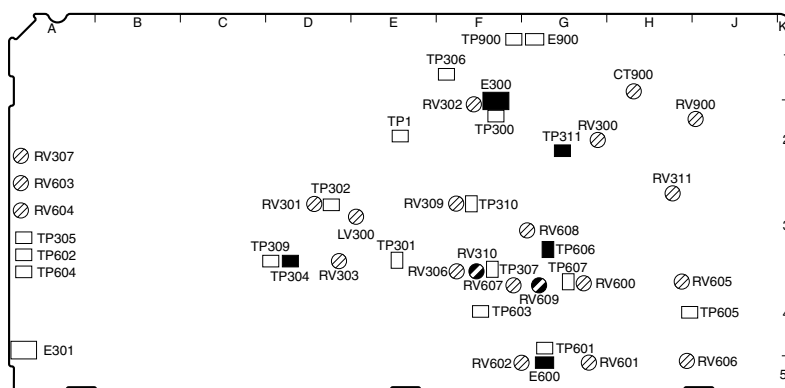
TRIG: TP304/DM-141 board

Adjusting point: RV609/DM-141 board

Specification: $B = 0 \pm 2 \text{ mV dc}$



5. Set S418 to S420 on the AT-149 board in HDCU-950 as follows, and also re-set the system format to 1080/59.94i. (Refer to Section 1-6.)
S418/AT-149 board: 60V
S419/AT-149 board: INTR
S420/AT-149 board: 1.001
6. Re-set S801-1 to OFF for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)



DM-141 BOARD (SIDE A)

2-3. Audio System Adjustments

2-3-1. CHU Tone Adjustment

1. Measuring equipment:

Oscilloscope

Input mode: DC

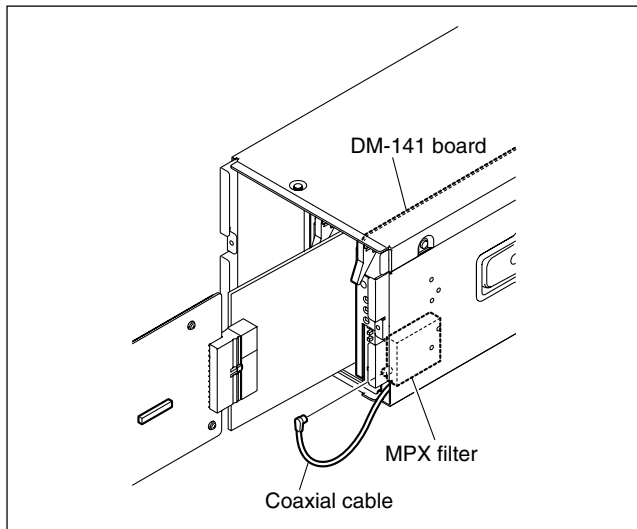
Board extension: AT-161 board

Test point: TP512 (GND: E501)/AT-161 board

Adjusting point: ⚙️ LV510/AT-161 board

Specification: 5.00 ± 0.05 V dc

2. Disconnect the coaxial cable from the MPX filter on the DM-141 board.



3. Measuring equipment:

Frequency counter

Board extension: AT-161 board

Test point: TP519 (GND: E501)/AT-161 board

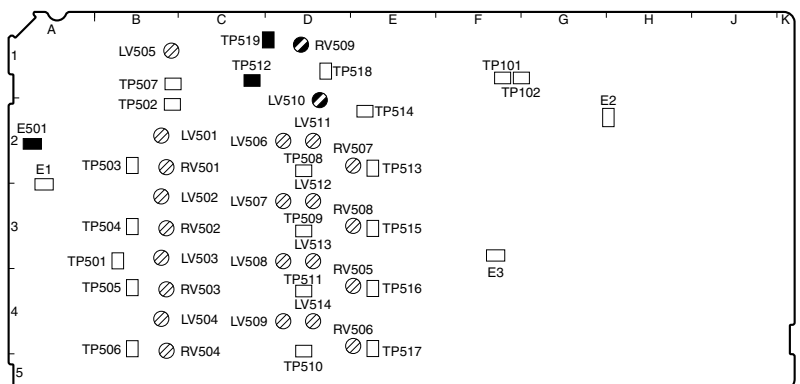
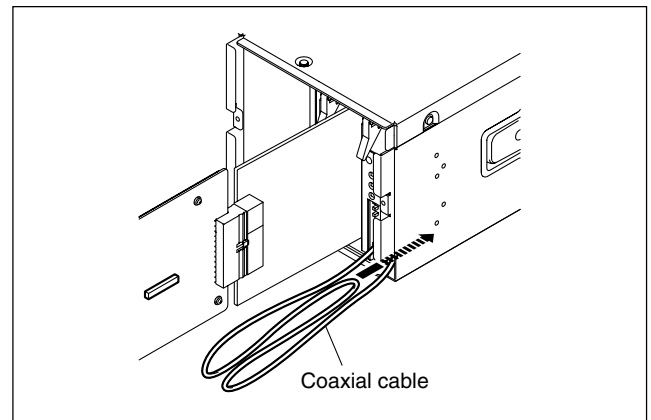
Adjusting point: ⚙️ RV509/AT-161 board

Specification: 104.0 ± 1.0 Hz

4. Connect the coaxial cable to the MPX filter on the DM-141 board.

Note

Arrange the connected coaxial cable as shown in the figure.

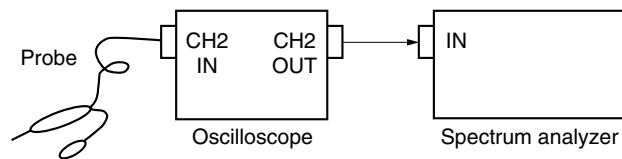


AT-161 BOARD (SIDE A)

2-3-2. CCU Data Frequency Adjustment

Preparation

1. Connect the oscilloscope to the spectrum analyzer as shown below.



Adjustment procedure

2. Adjust the frequency at the waveform peak while changing the SPAN of the spectrum analyzer as 1 MHz → 50 kHz → 20 kHz.

Measuring equipment:

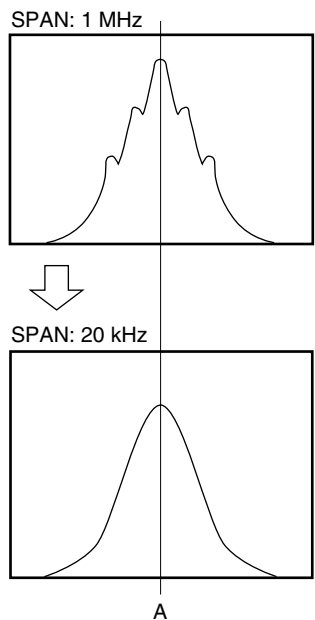
Spectrum analyzer
(via oscilloscope)
CENTER: 3.0 MHz
SPAN: 1 MHz → 50 kHz → 20 kHz
RBW: 1 kHz

Board extension: AT-161 board

Test point: TP502 (GND: E501)/AT-161 board

Adjusting point: LV505/AT-161 board

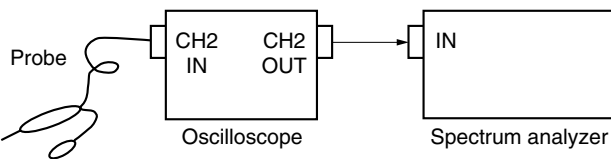
Specification: $A = 3.000 \pm 0.002$ MHz



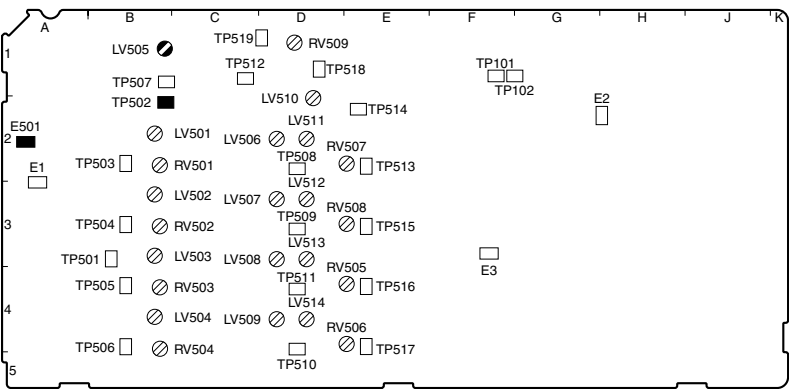
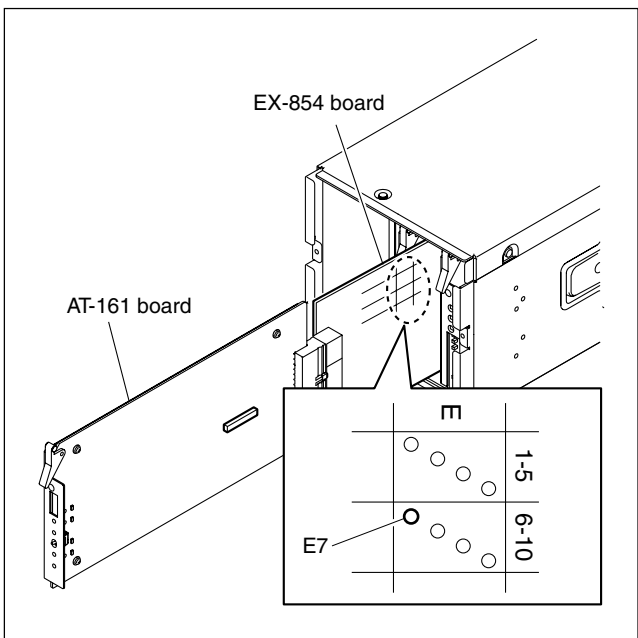
2-3-3. Frequency Adjustment

Preparation

1. Connect the oscilloscope to the spectrum analyzer as shown below.



2. Connect the oscilloscope probe to E7 on the EX-854 board.

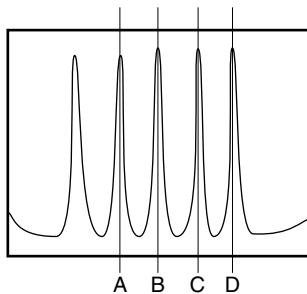


Adjustment procedure

3. Measuring equipment:

Spectrum analyzer
(via oscilloscope)
CENTER: 3.9 MHz
SPAN: 3 MHz
RBW: 30 kHz
Board extension: AT-161 board
Test point: E7/EX-854 board (GND: E2/AT-161 board)
Adjusting point and specification:

	Adjusting point	Specification
INCOM 1	⊗LV501/AT-161 board	A = 3.60 ± 0.01 MHz
INCOM 2	⊗LV502/AT-161 board	B = 3.90 ± 0.01 MHz
PGM 1	⊗LV503/AT-161 board	C = 4.30 ± 0.01 MHz
PGM 2	⊗LV504/AT-161 board	D = 4.75 ± 0.01 MHz

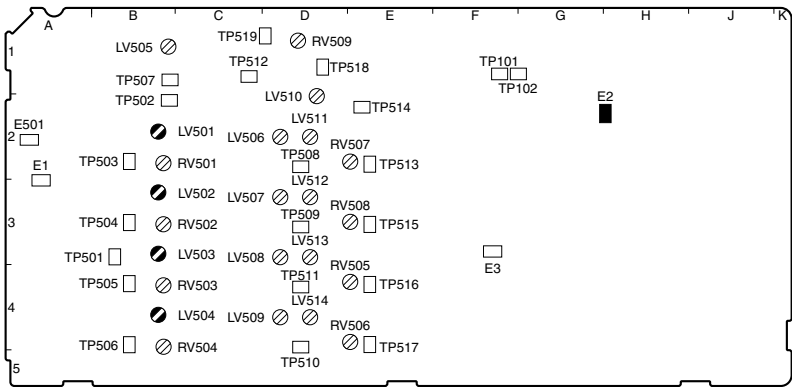
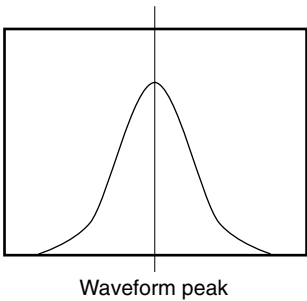


4. Change the SPAN of the spectrum analyzer to 50 KHz, and RBW to 300 Hz.

5. Adjust the frequency at each waveform peak while changing the CENTER of the spectrum analyzer.
Measuring equipment:

Spectrum analyzer
(via oscilloscope)
CENTER: 3.6 MHz (INCOM 1)
3.9 MHz (INCOM 2)
4.3 MHz (PGM 1)
4.75 MHz (PGM 2)
SPAN: 50 KHz
RBW: 300 Hz
Board extension: AT-161 board
Test point: E7/EX-854 board (GND: E2/AT-161 board)
Adjusting point and specification:

	Spectrum analyzer CENTER	Adjusting point	Specification
INCOM 1	3.6 MHz	⊗LV501/AT-161 board	3.600 ± 0.002 MHz
INCOM 2	3.9 MHz	⊗LV502/AT-161 board	3.900 ± 0.002 MHz
PGM 1	4.3 MHz	⊗LV503/AT-161 board	4.300 ± 0.002 MHz
PGM 2	4.75 MHz	⊗LV504/AT-161 board	4.750 ± 0.002 MHz

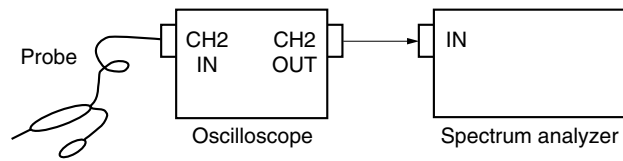


AT-161 BOARD (SIDE A)

2-3-4. Audio Modulation Adjustment

Preparation

1. Connect the oscilloscope to the spectrum analyzer as shown below.

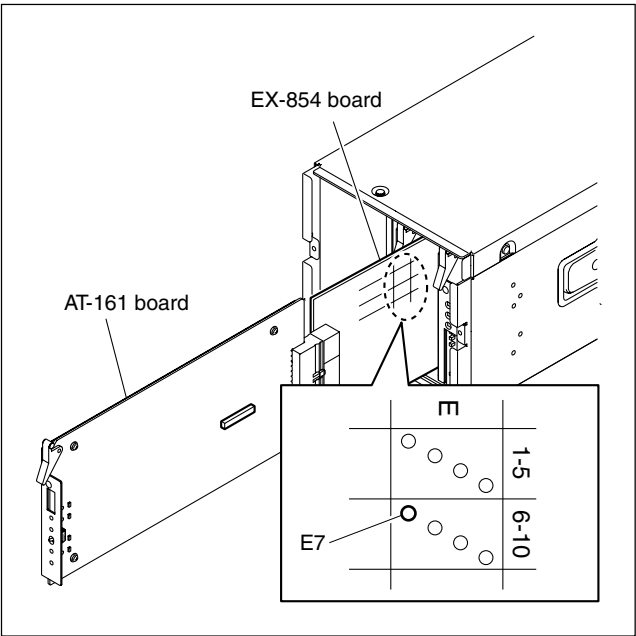


2. Set S701-7 on the DPR-263 board to ON.

Note

A 400 Hz signal is output from the test signal generator in HDFX100.

3. Connect the oscilloscope probe to E7 on the EX-854 board.



Adjustment procedure

4. Adjust width A of each waveform while changing the CENTER of the spectrum analyzer.

Measuring equipment:

Spectrum analyzer
(via oscilloscope)

CENTER: 3.6 MHz (INCOM 1)
3.9 MHz (INCOM 2)
4.3 MHz (PGM 1)
4.75 MHz (PGM 2)

SPAN: 20 kHz

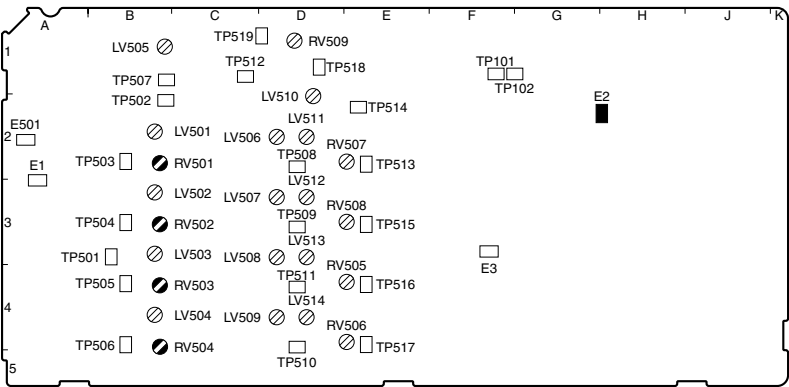
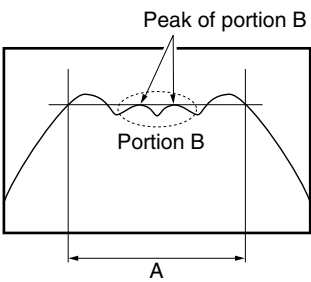
RBW: 1 kHz

Board extension: AT-161 board

Test point: E7/EX-854 board (GND: E2/AT-161 board)

Adjusting point and specification:

	Spectrum analyzer CENTER	Adjusting point	Specification
INCOM 1	3.6 MHz	RV501/ AT-161 board	A = 12.0 ± 0.2 kHz
INCOM 2	3.9 MHz	RV502/ AT-161 board	A = 12.0 ± 0.2 kHz
PGM 1	4.3 MHz	RV503/ AT-161 board	A = 14.0 ± 0.2 kHz
PGM 2	4.75 MHz	RV504/ AT-161 board	A = 14.0 ± 0.2 kHz



AT-161 BOARD (SIDE A)

2-3-5. MIC 1 Demodulation/Output Level Adjustments

Preparation

- Set S801-5 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A 1-kHz sine wave is output from the test signal generator in HDTX100.

MIC 1 Demodulation Adjustment

- Measuring equipment:

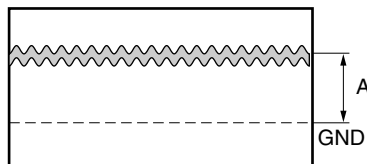
Oscilloscope
Input mode: DC

Board extension: AT-161 board

Test point: TP508 (GND: TP514)/AT-161 board

Adjusting point: ⚙️ LV506/AT-161 board

Specification: $A = 6.2 \pm 0.1$ V dc



- Change the input mode of the oscilloscope to AC.

- Measuring equipment:

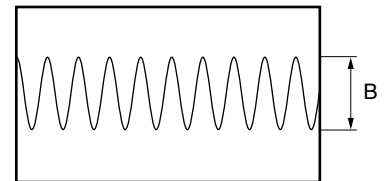
Oscilloscope
Input mode: AC

Board extension: AT-161 board

Test point: TP513 (GND: TP514)/AT-161 board

Adjusting point: ⚙️ LV511/AT-161 board

Specification: B = minimum



- Repeat steps 2 to 4 to meet the specifications A and B.

MIC 1 Output Level Adjustment

- Measuring equipment:

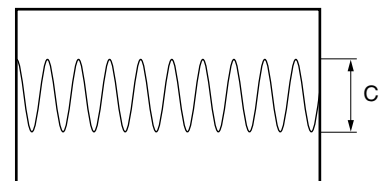
Oscilloscope
Input mode: AC

Board extension: AT-161 board

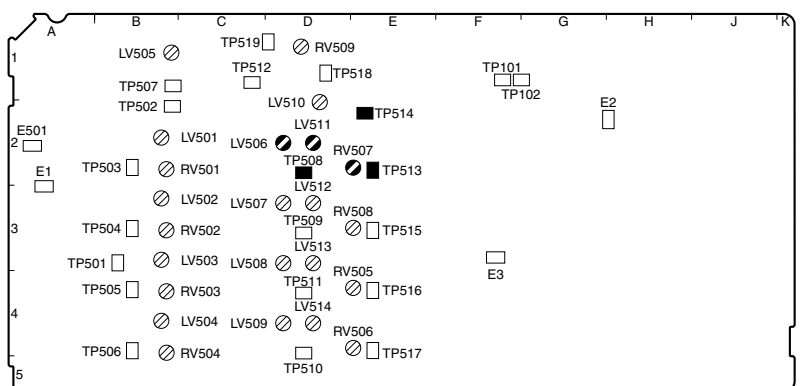
Test point: TP513 (GND: TP514)/AT-161 board

Adjusting point: ⚙️ RV507/AT-161 board

Specification: $C = 200 \pm 5$ mV p-p



- Re-set S801-5 to OFF on the DPR-262 board in HDTX100. (Refer to Section 1-6.)



AT-161 BOARD (SIDE A)

2-3-6. MIC 2 Demodulation/Output Level Adjustments

Preparation

1. Set S801-5 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A 1-kHz sine wave is output from the test signal generator in HDTX100.

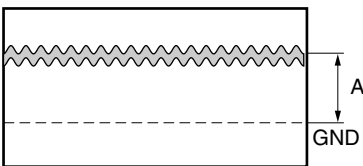
MIC 2 Demodulation Adjustment

2. Measuring equipment:

Oscilloscope
Input mode: DC

Board extension: AT-161 board
Test point: TP509 (GND: TP514)/AT-161 board

Adjusting point: LV507/AT-161 board
Specification: A = 6.2 ± 0.1 V dc

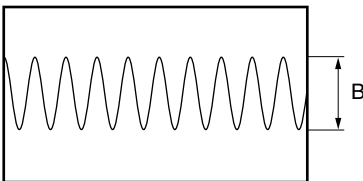


3. Change the input mode of the oscilloscope to AC.

4. Measuring equipment:

Oscilloscope
Input mode: AC

Board extension: AT-161 board
Test point: TP515 (GND: TP514)/AT-161 board
Adjusting point: LV512/AT-161 board
Specification: B = minimum



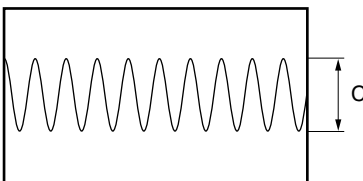
5. Repeat steps 2 to 4 to meet the specifications A and B.

MIC 2 Output Level Adjustment

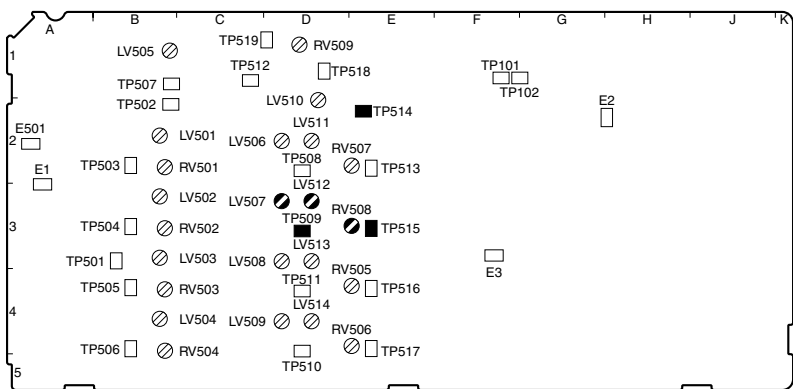
6. Measuring equipment:

Oscilloscope
Input mode: AC

Board extension: AT-161 board
Test point: TP515 (GND: TP514)/AT-161 board
Adjusting point: RV508/AT-161 board
Specification: C = 200 ± 5 mV p-p



7. Re-set S801-5 to OFF on the DPR-262 board in HDTX100. (Refer to Section 1-6.)



2-3-7. INCOM 1 Demodulation/Output Level Adjustments

Preparation

- Set S801-5 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A 1-kHz sine wave is output from the test signal generator in HDTX100.

INCOM 1 Demodulation Adjustment

- Measuring equipment:

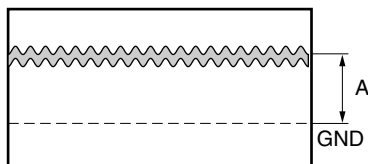
Oscilloscope
Input mode: DC

Board extension: AT-161 board

Test point: TP511 (GND: TP514)/AT-161 board

Adjusting point: ⚙️ LV508/AT-161 board

Specification: $A = 6.2 \pm 0.1$ V dc



- Change the input mode of the oscilloscope to AC.

- Measuring equipment:

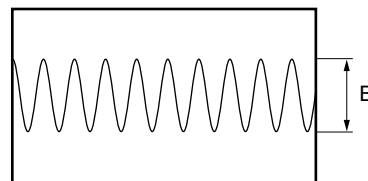
Oscilloscope
Input mode: AC

Board extension: AT-161 board

Test point: TP516 (GND: TP514)/AT-161 board

Adjusting point: ⚙️ LV513/AT-161 board

Specification: B = minimum



- Repeat steps 2 to 4 to meet the specifications A and B.

INCOM 1 Output Level Adjustment

- Measuring equipment:

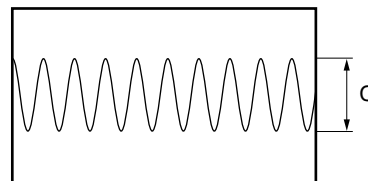
Oscilloscope
Input mode: AC

Board extension: AT-161 board

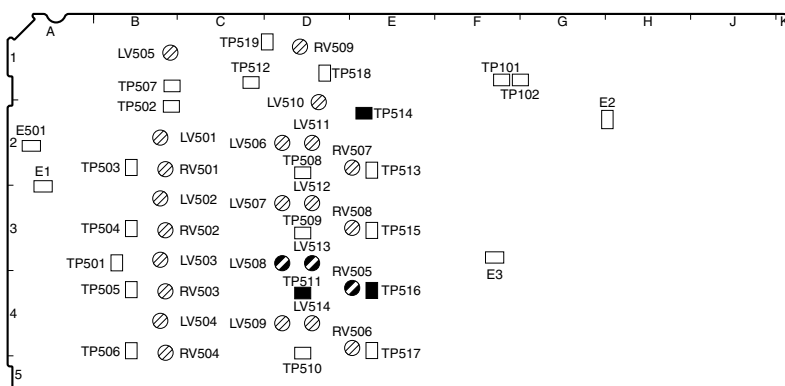
Test point: TP516 (GND: TP514)/AT-161 board

Adjusting point: ⚙️ RV505/AT-161 board

Specification: $C = 200 \pm 5$ mV p-p



- Re-set S801-5 to OFF on the DPR-262 board in HDTX100. (Refer to Section 1-6.)



AT-161 BOARD (SIDE A)

2-3-8. INCOM 2 Demodulation/Output Level Adjustments

Preparation

1. Set S801-5 to ON for adjustment on the DPR-262 board in HDTX100. (Refer to Section 1-6.)

Note

A 1-kHz sine wave is output from the test signal generator in HDTX100.

INCOM 2 Demodulation Adjustment

2. Measuring equipment:

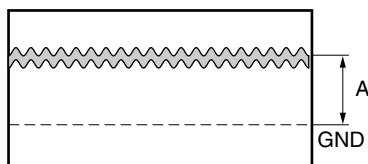
Oscilloscope
Input mode: DC

Board extension: AT-161 board

Test point: TP510 (GND: TP514)/AT-161 board

Adjusting point: LV509/AT-161 board

Specification: $A = 6.2 \pm 0.1$ V dc



3. Change the input mode of the oscilloscope to AC.

- #### 4. Measuring equipment:

Oscilloscope

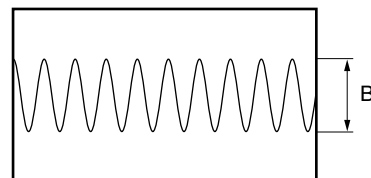
Input mode: AC

Board extension: AT-161 board

Test point: TP517 (GND: TP514)/AT-161 board

Adjusting point: LV514/AT-161 board

Specification: $B = \text{minimum}$



5. Repeat steps 2 to 4 to meet the specifications A and B.

INCOM 2 Output Level Adjustment

6. Measuring equipment:

Oscilloscope

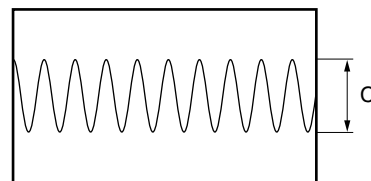
Input mode: AC

Board extension: AT-161 board

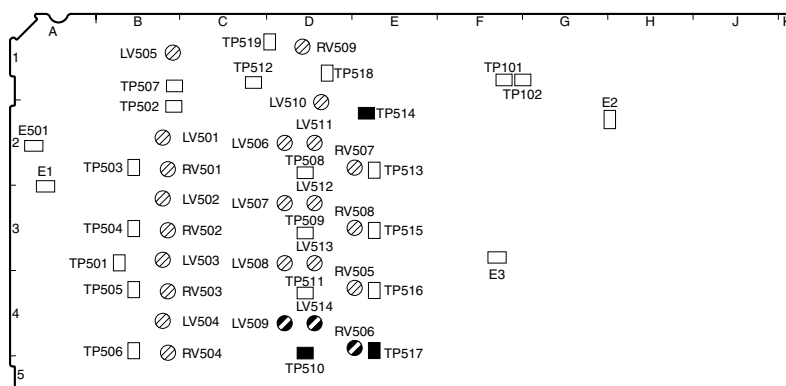
Test point: TP517 (GND: TP514)/AT-161 board

Adjusting point: RV506/AT-161 board

Specification: $C = 200 \pm 5 \text{ mV p-p}$



7. Re-set S801-5 to OFF on the DPR-262 board in HDTX100 . (Refer to Section 1-6.)



AT-161 BOARD (SIDE A)

Section 3

Spare Parts

3-1. 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.

3-1. 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。

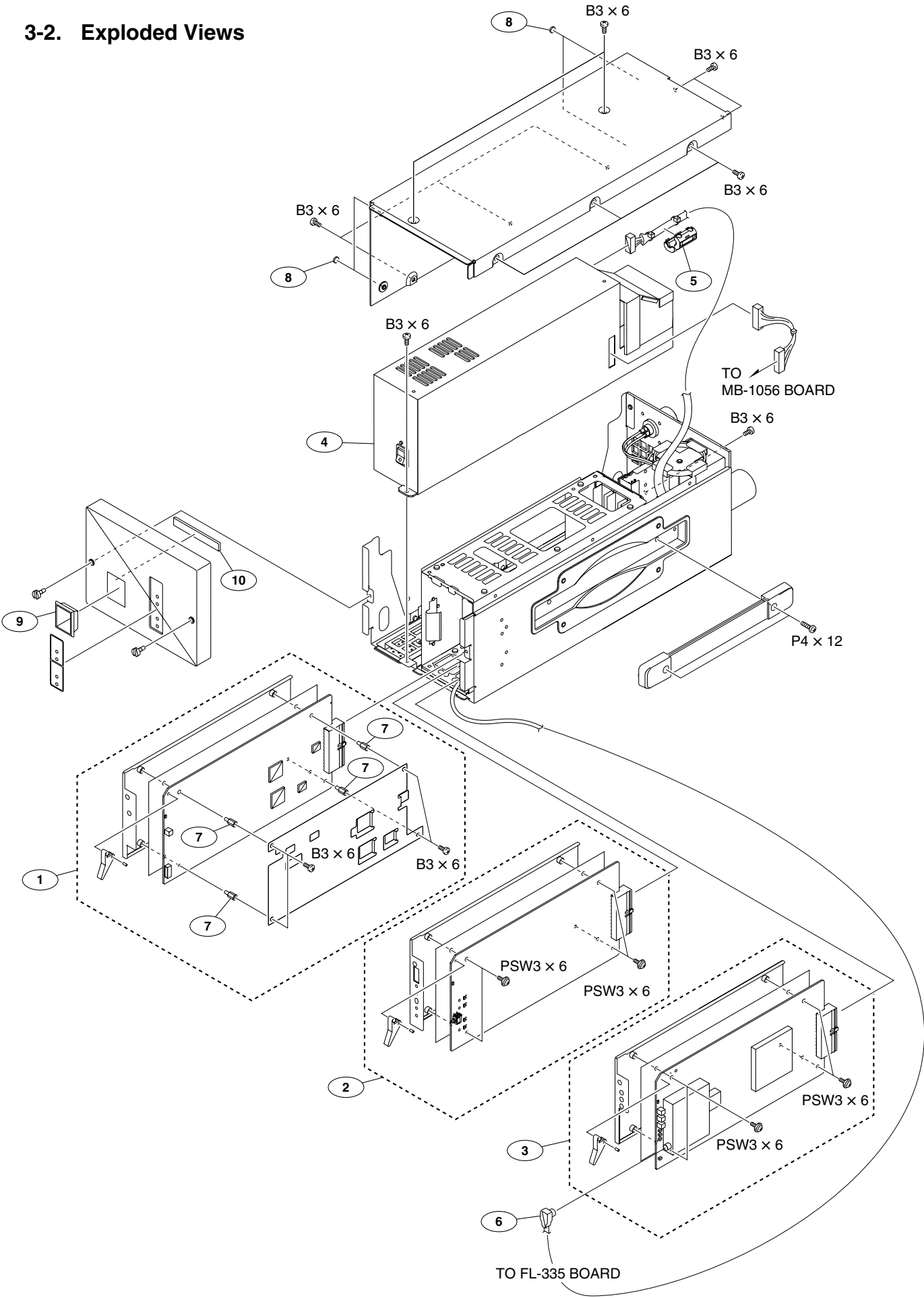
これは部品の共通化、改良等によるものです。

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

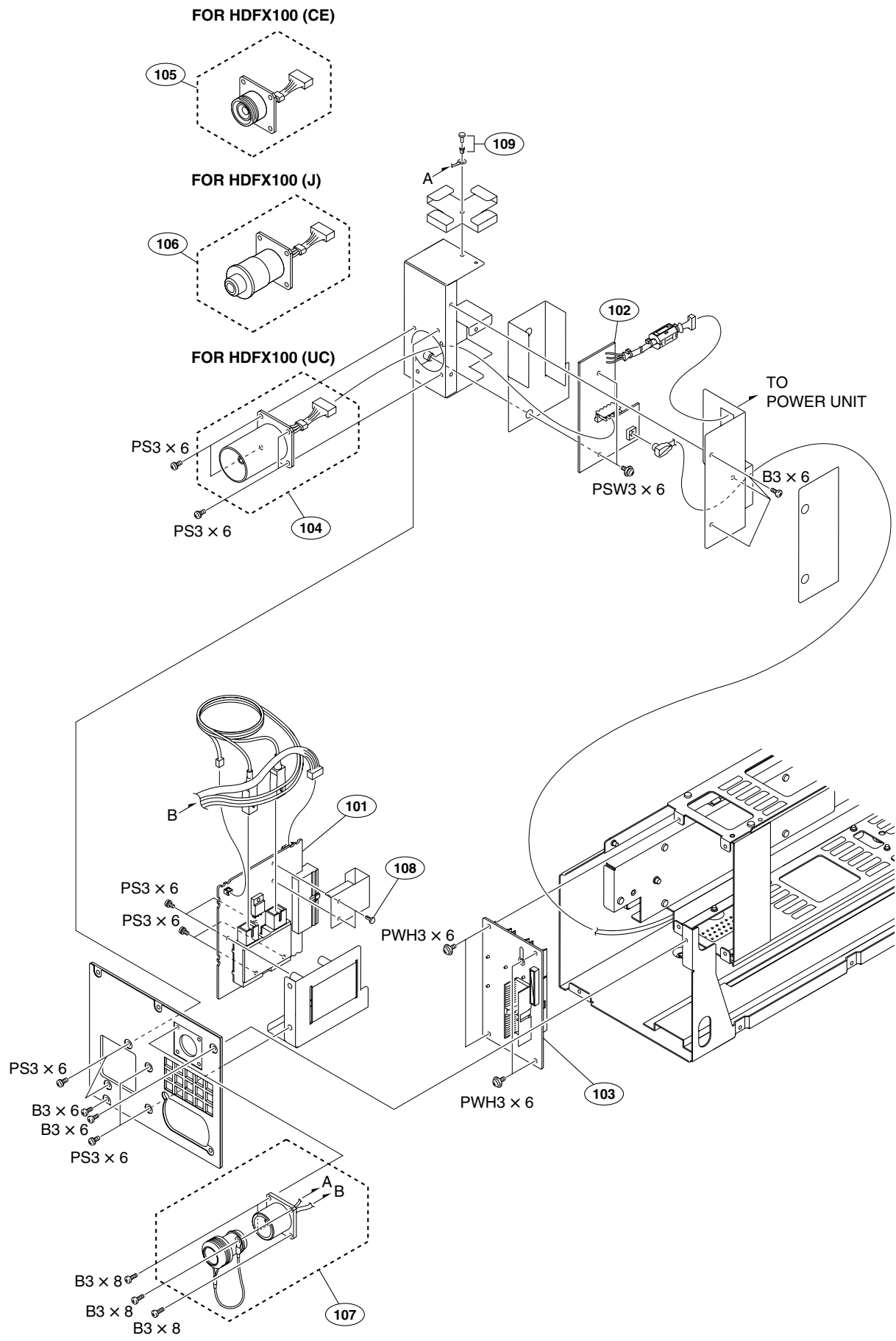
部品表のSP (Supply code) 欄に “o” で示される部品は在庫していないことがあり、納期が長くなることがあります。

3-2. Exploded Views



No.	Part No.	SP Description
1	A-1124-082-A	s MOUNTED CIRCUIT BOARD, DPR-263
2	A-1124-084-A	s MOUNTED CIRCUIT BOARD, AT-161
3	A-1124-086-A	s MOUNTED CIRCUIT BOARD, DM-141
4	△ 1-468-935-11	s POWER UNIT
5	1-469-241-11	s CORE, FERRITE (RFC-8 BK)
6	1-830-825-11	s CABLE, CONNECTOR WITH COAXIAL
7	3-608-159-01	o BOSS(M3,H=8)
8	3-624-166-01	o LEG
9	3-872-341-01	s SW GUARD
10	3-872-805-01	s CUSHION
	7-682-163-09	s SCREW +P4X12 (EP-FE/ZNBK/CM2)
	7-682-547-04	s SCREW +B3X6
	7-682-947-01	s SCREW +PSW 3X6

Rear Panel Block



No.	Part No.	SP Description
101	A-1124-088-A	s MOUNTED CIRCUIT BOARD, CN-2730
102	A-1124-089-A	s MOUNTED CIRCUIT BOARD, FL-335
103	A-1124-090-A	s MOUNTED CIRCUIT BOARD, MB-1056
104	△ A-1129-660-A	s TRIAX (UC) ASSY
105	△ A-1129-661-A	s TRIAX (CE) ASSY
106	△ A-1129-662-A	s TRIAX (J) ASSY
107	1-830-745-11	s CABLE ASSEMBLY, ENCAPSULAT (M)
108	2-279-715-01	s RIVET,NYLON
109	3-531-576-61	o RIVET,NYLON
	7-682-547-04	s SCREW +B3X6
	7-682-548-04	s SCREW +B3X8
	7-682-647-09	s SCREW +PS 3X6 (EP-FE/ZNBK/CM2)
	7-682-903-11	s SCREW +PWH 3X6
	7-682-947-01	s SCREW +PSW 3X6

3-3. Electrical Parts List

AT-161 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1124-084-A	s	MOUNTED CIRCUIT BOARD, AT-161
4pcs	7-682-947-01	s	SCREW +PSW 3X6
C1	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C2	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C3	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C4	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C5	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C6	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C7	1-126-393-11	s	CAPACITOR ELECT 33MF/10V(CHIP)
C8	1-126-393-11	s	CAPACITOR ELECT 33MF/10V(CHIP)
C9	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C10	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C11	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C12	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C13	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C14	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C15	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C16	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C18	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C19	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C20	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C21	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C22	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C23	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C24	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C25	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C26	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C27	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C28	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C29	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C30	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C31	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C32	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C33	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C101	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C102	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C103	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C104	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C105	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C106	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C107	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C108	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C109	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C110	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C111	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C112	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C113	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C114	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C115	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C116	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C117	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C118	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C119	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C120	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C121	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C122	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C123	1-164-854-11	s	CAPACITOR,CHIP CERAMIC 15PF/50
C124	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V

(AT-161 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C125	1-164-854-11	s	CAPACITOR,CHIP CERAMIC 15PF/50
C126	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C127	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C128	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C129	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C130	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C131	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C132	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C133	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C134	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C135	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C136	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C137	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C138	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C139	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C140	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C141	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C142	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C143	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C144	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C145	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C146	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C147	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C148	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C149	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C150	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C151	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C152	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C153	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C154	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C155	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C156	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C157	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C158	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C159	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C160	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C161	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C401	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C402	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C403	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C404	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C405	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C406	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C407	1-128-414-11	s	CAPACITOR ELECT 220MF/6.3V
C408	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C409	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C410	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C411	1-128-414-11	s	CAPACITOR ELECT 220MF/6.3V
C412	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C413	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C414	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C415	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C416	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C417	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C418	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C419	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C420	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C421	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C422	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50

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Ref. No. or Q'ty	Part No.	SP	Description
C423	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C424	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C425	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C426	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C427	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C428	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C429	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C430	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C431	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C432	1-164-936-11	s	CAPACITOR,CHIP CERAMIC 680PF
C433	1-164-936-11	s	CAPACITOR,CHIP CERAMIC 680PF
C434	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C435	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C436	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C437	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C438	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C439	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C440	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C441	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C442	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C443	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C444	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C445	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C446	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C447	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C448	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C449	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C450	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C451	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C452	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C453	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C454	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C455	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C456	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C457	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C501	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C502	1-164-845-11	s	CAPACITOR,CERAMIC 5PF/16V(1005)
C503	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C504	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C505	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C506	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C507	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C508	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C509	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C510	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C511	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C512	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C513	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C514	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C515	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C516	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C517	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C518	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C519	1-164-392-11	s	CAPACITOR CERAMIC 390PF/50V CH
C520	1-164-392-11	s	CAPACITOR CERAMIC 390PF/50V CH
C521	1-164-392-11	s	CAPACITOR CERAMIC 390PF/50V CH
C522	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C523	1-164-392-11	s	CAPACITOR CERAMIC 390PF/50V CH
C528	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF

(AT-161 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C529	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C530	1-164-866-11	s	CAPACITOR,CHIP CERAMIC 47PF/50
C531	1-164-866-11	s	CAPACITOR,CHIP CERAMIC 47PF/50
C532	1-164-392-11	s	CAPACITOR CERAMIC 390PF/50V CH
C534	1-164-858-11	s	CAPACITOR,CERAMIC 22PF/50V
C535	1-164-866-11	s	CAPACITOR,CHIP CERAMIC 47PF/50
C536	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/50
C537	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C538	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C539	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C540	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C541	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C542	1-164-866-11	s	CAPACITOR,CHIP CERAMIC 47PF/50
C543	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C544	1-164-870-11	s	CAPACITOR,CHIP CERAMIC 68PF/50
C545	1-164-870-11	s	CAPACITOR,CHIP CERAMIC 68PF/50
C546	1-164-870-11	s	CAPACITOR,CHIP CERAMIC 68PF/50
C547	1-164-870-11	s	CAPACITOR,CHIP CERAMIC 68PF/50
C548	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C549	1-164-870-11	s	CAPACITOR,CHIP CERAMIC 68PF/50
C550	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C551	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C552	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C553	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C554	1-126-402-11	s	CAPACITOR, ELECT 2.2MF/50V
C555	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C556	1-126-402-11	s	CAPACITOR, ELECT 2.2MF/50V
C557	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C558	1-126-402-11	s	CAPACITOR, ELECT 2.2MF/50V
C559	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C560	1-126-402-11	s	CAPACITOR, ELECT 2.2MF/50V
C561	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C562	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C563	1-107-819-11	s	CAP,CERAMIC 22000PF/16V(1005)
C564	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C565	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3216
C566	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3216
C567	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3216
C568	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3216
C569	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3216
C571	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C572	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C573	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C574	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C575	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C576	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C577	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C578	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C579	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C580	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C581	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C582	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C583	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C584	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C585	1-100-620-91	s	CAPACITOR, CHIP 47MF(3225)
C586	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C587	1-131-661-11	s	CAPACITOR,ELECT 100MF/10V CHIP
C588	1-131-661-11	s	CAPACITOR,ELECT 100MF/10V CHIP
C589	1-131-661-11	s	CAPACITOR,ELECT 100MF/10V CHIP

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Ref. No. or Q'ty	Part No.	SP	Description
C590	1-131-661-11	s	CAPACITOR,ELECT 100MF/10V CHIP
C591	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C592	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C593	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C594	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C595	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C596	1-125-889-11	s	CAPACITOR, CERAMIC 2.2MF
C597	1-125-889-11	s	CAPACITOR, CERAMIC 2.2MF
C598	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C599	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C600	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C601	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C602	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/50
C603	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3216
C604	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C605	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C606	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C607	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C608	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C609	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C610	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C611	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C612	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C613	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/50
C614	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/50
C615	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C616	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C617	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/50
C618	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C619	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C620	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C621	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C622	1-164-854-11	s	CAPACITOR,CHIP CERAMIC 15PF/50
C623	1-164-866-11	s	CAPACITOR,CHIP CERAMIC 47PF/50
C624	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C625	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C626	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C627	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C628	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C631	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C632	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C633	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C634	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C635	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C636	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C637	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C638	1-164-876-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C639	1-164-876-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C640	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C641	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C642	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C643	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C644	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C645	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C646	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C647	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C648	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C649	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C650	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216

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Ref. No. or Q'ty	Part No.	SP	Description
C651	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C652	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C657	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C658	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C659	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C660	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C661	1-164-878-11	s	CAPACITOR, CHIP CERAMIC 150PF
C662	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C663	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C664	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C665	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C666	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C667	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3216
C668	1-100-581-81	s	CHIP CERAMIC0.0047MF B1005
C669	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C670	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C671	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C672	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C673	1-115-419-11	s	CAPACITOR,CHIP CERAMIC3300PF
C674	1-115-419-11	s	CAPACITOR,CHIP CERAMIC3300PF
C675	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C676	1-115-419-11	s	CAPACITOR,CHIP CERAMIC3300PF
C677	1-115-419-11	s	CAPACITOR,CHIP CERAMIC3300PF
C678	1-115-419-11	s	CAPACITOR,CHIP CERAMIC3300PF
C679	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C680	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C681	1-128-414-11	s	CAPACITOR ELECT 220MF/6.3V
C682	1-165-884-91	s	CAPACITOR, CERAMIC 2.2MF(1608)
C683	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C684	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C685	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C686	1-100-620-91	s	CAPACITOR, CHIP 47MF(3225)
C687	1-100-620-91	s	CAPACITOR, CHIP 47MF(3225)
C688	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
CF501	1-813-513-11	s	FILTER, CERAMIC (4.3MHZ)
CF502	1-813-429-11	s	FILTER, CERAMIC (4.75MHZ)
CF503	1-760-443-11	s	FILTER, CERAMIC
CF504	1-760-444-11	s	FILTER, CERAMIC
CF505	1-813-514-11	s	FILTER, CERAMIC (5.6MHZ)
CF506	1-813-515-11	s	FILTER, CERAMIC (6.2MHZ)
CF507	1-813-516-11	s	FILTER, CERAMIC (6.7MHZ)
CF508	1-578-068-12	s	FILTER, CERAMIC
CF509	1-578-069-11	s	FILTER,CERAMIC (7.4MHZ)
CF510	1-813-514-11	s	FILTER, CERAMIC (5.6MHZ)
CF511	1-813-515-11	s	FILTER, CERAMIC (6.2MHZ)
CF512	1-813-516-11	s	FILTER, CERAMIC (6.7MHZ)
CF513	1-578-068-12	s	FILTER, CERAMIC
CF514	1-578-069-11	s	FILTER,CERAMIC (7.4MHZ)
CN103	1-793-093-11	o	CONNECTOR, BOARD TO BOARD 60P
D2	8-719-017-03	s	DIODE 02DZ4.7-TPH3
D3	8-719-017-03	s	DIODE 02DZ4.7-TPH3
D4	8-719-017-03	s	DIODE 02DZ4.7-TPH3
D5	6-500-759-01	s	DIODE FRDG1211C-TR
D6	6-500-759-01	s	DIODE FRDG1211C-TR
D7	8-719-052-72	s	LED CL-220HR-C
D8	8-719-052-72	s	LED CL-220HR-C
D9	6-501-259-01	s	DIODE CL-221HR-C-TS
D10	8-719-947-01	s	DIODE FMP1

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Ref. No. or Q'ty	Part No.	SP	Description	
D11	8-719-947-01	s	DIODE FMP1	
D12	8-719-947-01	s	DIODE FMP1	
D13	8-719-947-01	s	DIODE FMP1	
D101	8-719-820-41	s	DIODE 1SS302	
D401	8-719-017-03	s	DIODE 02DZ4.7-TPH3	
D402	8-719-017-03	s	DIODE 02DZ4.7-TPH3	
D403	8-719-421-27	s	DIODE MA728	
D404	8-719-820-41	s	DIODE 1SS302	
D405	8-719-036-65	s	DIODE RD2.0SB-T1	
D406	8-719-036-65	s	DIODE RD2.0SB-T1	
D501	8-719-404-50	s	DIODE MA111-TX	
D502	8-719-404-50	s	DIODE MA111-TX	
D503	8-719-820-41	s	DIODE 1SS302	
D504	8-719-820-41	s	DIODE 1SS302	
D505	8-719-820-41	s	DIODE 1SS302	
D506	8-719-820-41	s	DIODE 1SS302	
D507	8-719-041-39	s	DIODE KV1470	(5MA)
D508	8-719-041-39	s	DIODE KV1470	(5MA)
D509	8-719-041-39	s	DIODE KV1470	(5MA)
D510	8-719-041-39	s	DIODE KV1470	(5MA)
D511	8-719-820-41	s	DIODE 1SS302	
D512	8-719-820-41	s	DIODE 1SS302	
D513	8-719-820-41	s	DIODE 1SS302	
D514	8-719-820-41	s	DIODE 1SS302	
D515	8-719-820-41	s	DIODE 1SS302	
D516	8-719-041-39	s	DIODE KV1470	(5MA)
D517	8-719-820-41	s	DIODE 1SS302	
D518	8-719-024-81	s	DIODE 1SS300-TE85L	
D519	8-719-024-81	s	DIODE 1SS300-TE85L	
D520	8-719-024-81	s	DIODE 1SS300-TE85L	
D521	8-719-036-65	s	DIODE RD2.0SB-T1	
D522	8-719-036-65	s	DIODE RD2.0SB-T1	
D523	8-719-036-65	s	DIODE RD2.0SB-T1	
D524	8-719-036-65	s	DIODE RD2.0SB-T1	
D525	8-719-036-65	s	DIODE RD2.0SB-T1	
D526	8-719-036-65	s	DIODE RD2.0SB-T1	
D527	8-719-036-65	s	DIODE RD2.0SB-T1	
D528	8-719-036-65	s	DIODE RD2.0SB-T1	
D529	8-719-036-65	s	DIODE RD2.0SB-T1	
E1	1-535-877-22	s	CHIP,CHECKER (TEST POINT)	
E2	1-535-877-22	s	CHIP,CHECKER (TEST POINT)	
E3	1-535-877-22	s	CHIP,CHECKER (TEST POINT)	
E4	1-535-877-22	s	CHIP,CHECKER (TEST POINT)	
E501	1-535-877-22	s	CHIP,CHECKER (TEST POINT)	
FL501	1-813-441-11	s	FILTER (SEPARATOR)	
FL502	1-239-941-11	s	FILTER, BAND PASS	
IC1	8-759-185-42	s	IC LM4040AIM3-2.5	
IC2	8-759-327-01	s	IC NJM062V-TE2	
IC3	8-759-085-67	s	IC LM339NS	
IC4	8-759-327-01	s	IC NJM062V-TE2	
IC5	8-759-472-43	s	IC 74VHC245MTCX	
IC6	8-752-392-03	s	IC CXD1095BR	
IC7	8-752-392-03	s	IC CXD1095BR	
IC8	6-706-484-01	s	IC TC7SH04FU(T5RSOYJF)	
IC9	6-706-484-01	s	IC TC7SH04FU(T5RSOYJF)	
IC10	6-706-476-01	s	IC TC7SET04FU(T5RSOJF)	
IC101	8-759-563-84	s	IC HD6437043AP00F	
IC102	8-759-669-69	s	IC TLC7733IPWR-12	

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Ref. No. or Q'ty	Part No.	SP	Description	
IC103	8-759-447-77	s	IC TC7WH74FU (TE12R)	
IC104	8-759-669-68	s	IC SN74CBT3253PWR-12	
IC105	6-707-760-01	s	IC MBM29DL161TE90TN	
IC106	8-759-524-10	s	IC TC74VHC157FT (EL)	
IC107	8-759-524-51	s	IC TC74VHC573FT (EL)	
IC108	8-759-669-42	s	IC SN74LVC138APWR-12	
IC109	6-704-037-11	s	IC IC61LV6416-15TG(T&R)	
IC110	6-704-037-11	s	IC IC61LV6416-15TG(T&R)	
IC111	8-759-669-42	s	IC SN74LVC138APWR-12	
IC112	6-704-988-01	s	IC FM18L08-70-STR	
IC113	8-759-447-77	s	IC TC7WH74FU (TE12R)	
IC114	6-706-489-01	s	IC TC7SH32FU(T5RSOYJF)	
IC115	8-759-594-17	o	IC CXD9093R	
IC116	8-759-472-43	s	IC 74VHC245MTCX	
IC117	8-759-472-43	s	IC 74VHC245MTCX	
IC118	8-759-327-01	s	IC NJM062V-TE2	
IC119	8-759-592-47	s	IC TC7SZ08FU(TE85R)	
IC120	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)	
IC121	8-759-389-26	s	IC 74LCX08MTCX	
IC122	8-759-531-92	s	IC TC7WH04FU(TE12R)	
IC123	8-759-557-84	s	IC NC7SZ04P5X	
IC124	8-759-557-84	s	IC NC7SZ04P5X	
IC125	8-759-566-06	s	IC TC7WH08FU(TE12R)	
IC126	8-759-531-92	s	IC TC7WH04FU(TE12R)	
IC127	8-759-592-47	s	IC TC7SZ08FU(TE85R)	
IC128	8-759-592-47	s	IC TC7SZ08FU(TE85R)	
IC129	8-759-566-06	s	IC TC7WH08FU(TE12R)	
IC130	8-759-592-47	s	IC TC7SZ08FU(TE85R)	
IC401	8-759-082-61	s	IC TC4W53FU	
IC402	8-759-592-47	s	IC TC7SZ08FU(TE85R)	
IC403	8-759-647-71	s	IC AK4550VT-E2	
IC404	8-759-082-61	s	IC TC4W53FU	
IC405	8-759-647-71	s	IC AK4550VT-E2	
IC406	8-759-647-71	s	IC AK4550VT-E2	
IC407	8-759-327-01	s	IC NJM062V-TE2	
IC408	8-759-100-93	s	IC UPC393G2	
IC409	6-701-418-01	s	IC TLC27M2CPSR	
IC410	8-759-545-66	s	IC NJM3414AMP (TE2)	
IC411	8-759-327-01	s	IC NJM062V-TE2	
IC501	8-759-561-46	s	IC AD8014ART-REEL7	
IC502	8-759-327-01	s	IC NJM062V-TE2	
IC503	8-759-811-40	s	IC LA1140-E	
IC504	8-759-812-35	s	IC LA1235	
IC505	8-759-812-35	s	IC LA1235	
IC506	8-759-812-35	s	IC LA1235	
IC507	8-759-812-35	s	IC LA1235	
IC508	8-759-710-52	s	IC NJM567M	
IC509	8-759-564-49	s	IC TC7W53FU-TE12R	
IC510	8-759-327-01	s	IC NJM062V-TE2	
IC511	8-759-085-67	s	IC LM339NS	
IC512	8-759-327-01	s	IC NJM062V-TE2	
IC513	8-759-472-08	s	IC 74VHC86MTCX	
IC514	8-759-472-35	s	IC 74VHC221AMTCX	
IC515	8-759-327-01	s	IC NJM062V-TE2	
IC516	8-759-327-01	s	IC NJM062V-TE2	
IC517	8-759-327-01	s	IC NJM062V-TE2	
L1	1-414-400-11	s	INDUCTOR, 22UH	
L2	1-419-354-21	s	COIL, CHOKO (22UH)	

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Ref. No. or Q'ty	Part No.	SP Description
L3	1-419-354-21	s COIL, CHOKE (22UH)
L4	1-419-354-21	s COIL, CHOKE (22UH)
L101	1-414-398-11	s INDUCTOR (SMD) 10UH
L102	1-414-398-11	s INDUCTOR (SMD) 10UH
L103	1-414-398-11	s INDUCTOR (SMD) 10UH
L104	1-414-398-11	s INDUCTOR (SMD) 10UH
L105	1-414-398-11	s INDUCTOR (SMD) 10UH
L106	1-414-398-11	s INDUCTOR (SMD) 10UH
L107	1-414-398-11	s INDUCTOR (SMD) 10UH
L108	1-414-398-11	s INDUCTOR (SMD) 10UH
L401	1-414-400-11	s INDUCTOR, 22UH
L402	1-414-400-11	s INDUCTOR, 22UH
L403	1-414-398-11	s INDUCTOR (SMD) 10UH
L404	1-414-398-11	s INDUCTOR (SMD) 10UH
L405	1-414-398-11	s INDUCTOR (SMD) 10UH
L406	1-414-400-11	s INDUCTOR, 22UH
L407	1-414-400-11	s INDUCTOR, 22UH
L501	1-414-398-11	s INDUCTOR (SMD) 10UH
L502	1-414-398-11	s INDUCTOR (SMD) 10UH
L503	1-414-404-11	s INDUCTOR (SMD) 100UH
L504	1-414-404-11	s INDUCTOR (SMD) 100UH
L505	1-414-404-11	s INDUCTOR (SMD) 100UH
L506	1-414-404-11	s INDUCTOR (SMD) 100UH
L507	1-414-398-11	s INDUCTOR (SMD) 10UH
L508	1-414-398-11	s INDUCTOR (SMD) 10UH
L509	1-414-398-11	s INDUCTOR (SMD) 10UH
L510	1-414-398-11	s INDUCTOR (SMD) 10UH
L511	1-414-398-11	s INDUCTOR (SMD) 10UH
L512	1-414-398-11	s INDUCTOR (SMD) 10UH
L513	1-400-530-11	s INDUCTOR 33UH
L514	1-400-530-11	s INDUCTOR 33UH
L515	1-400-530-11	s INDUCTOR 33UH
L516	1-400-530-11	s INDUCTOR 33UH
L517	1-414-398-11	s INDUCTOR (SMD) 10UH
L518	1-414-398-11	s INDUCTOR (SMD) 10UH
L519	1-414-398-11	s INDUCTOR (SMD) 10UH
L520	1-414-398-11	s INDUCTOR (SMD) 10UH
L521	1-414-398-11	s INDUCTOR (SMD) 10UH
L522	1-414-398-11	s INDUCTOR (SMD) 10UH
L523	1-414-398-11	s INDUCTOR (SMD) 10UH
L524	1-414-398-11	s INDUCTOR (SMD) 10UH
L525	1-414-398-11	s INDUCTOR (SMD) 10UH
L526	1-414-398-11	s INDUCTOR (SMD) 10UH
L527	1-400-530-11	s INDUCTOR 33UH
LV501	1-411-298-11	s COIL, VARIABLE
LV502	1-409-826-11	s COIL, VARIABLE
LV503	1-409-826-11	s COIL, VARIABLE
LV504	1-409-826-11	s COIL, VARIABLE
LV505	1-411-298-11	s COIL, VARIABLE
LV506	1-456-876-11	s COIL, TUNING (6.2MHZ)
LV507	1-456-878-11	s COIL, TUNING (6.7MHZ)
LV508	1-456-880-11	s COIL, TUNING (7.1MHZ)
LV509	1-456-882-11	s COIL, VARIABLE (7.4MHZ)
LV510	1-456-876-11	s COIL, TUNING (6.2MHZ)
LV511	1-456-875-11	s COIL, VARIABLE (6.2MHZ)
LV512	1-456-877-11	s COIL, TUNING (6.7MHZ)
LV513	1-456-879-11	s COIL, TUNING (7.1MHZ)
LV514	1-456-881-11	s COIL, TUNING (7.4MHZ)

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Ref. No. or Q'ty	Part No.	SP Description
Q1	8-729-032-74	s TRANSISTOR 2SA1615-Z-K
Q2	8-729-927-99	s TRANSISTOR 2SC4617R
Q3	8-729-927-99	s TRANSISTOR 2SC4617R
Q4	8-729-032-74	s TRANSISTOR 2SA1615-Z-K
Q5	8-729-807-51	s TRANSISTOR 2SD1623-S
Q6	8-729-032-74	s TRANSISTOR 2SA1615-Z-K
Q7	8-729-927-99	s TRANSISTOR 2SC4617R
Q8	8-729-927-99	s TRANSISTOR 2SC4617R
Q9	8-729-927-99	s TRANSISTOR 2SC4617R
Q10	8-729-927-99	s TRANSISTOR 2SC4617R
Q11	8-729-927-99	s TRANSISTOR 2SC4617R
Q12	8-729-927-99	s TRANSISTOR 2SC4617R
Q13	8-729-927-99	s TRANSISTOR 2SC4617R
Q14	8-729-927-99	s TRANSISTOR 2SC4617R
Q15	8-729-927-99	s TRANSISTOR 2SC4617R
Q401	8-729-928-36	s TRANSISTOR DTA114EE
Q402	8-729-928-90	s TRANSISTOR DTC114EE
Q403	8-729-117-16	s TRANSISTOR 2SA1611M6
Q404	8-729-117-32	s TRANSISTOR 2SC4177
Q405	8-729-117-32	s TRANSISTOR 2SC4177
Q501	8-729-927-99	s TRANSISTOR 2SC4617R
Q502	8-729-927-99	s TRANSISTOR 2SC4617R
Q503	8-729-927-99	s TRANSISTOR 2SC4617R
Q504	8-729-927-99	s TRANSISTOR 2SC4617R
Q505	8-729-927-99	s TRANSISTOR 2SC4617R
Q506	8-729-927-99	s TRANSISTOR 2SC4617R
Q507	8-729-927-99	s TRANSISTOR 2SC4617R
Q508	8-729-927-99	s TRANSISTOR 2SC4617R
Q509	8-729-927-99	s TRANSISTOR 2SC4617R
Q510	8-729-927-99	s TRANSISTOR 2SC4617R
Q511	8-729-927-99	s TRANSISTOR 2SC4617R
Q512	8-729-927-99	s TRANSISTOR 2SC4617R
R1	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R2	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R3	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R4	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R5	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R6	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R7	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R8	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R9	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R10	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R11	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R12	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R13	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R14	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R15	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R16	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R17	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R18	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R19	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R20	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R21	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R22	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R23	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R24	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R25	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R26	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R88	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R89	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R90	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R91	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R92	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R93	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R101	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R102	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R103	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R104	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R105	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R106	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R107	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R108	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R109	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R110	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R111	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R112	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R113	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R114	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R115	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R116	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R117	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R118	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R120	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R121	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R122	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R123	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R124	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R125	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R126	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R127	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R128	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R129	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R130	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R131	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R132	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R133	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R134	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R135	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R136	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R137	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R138	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R139	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R140	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R141	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R142	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R143	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R144	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R145	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R146	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R147	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R148	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R149	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R150	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R151	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R152	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R153	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R154	1-208-935-11	s	RESISTOR, CHIP 100K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R155	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R156	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R157	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R158	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R159	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R160	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R161	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R162	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R163	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R164	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R165	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R166	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R167	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R168	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R169	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R170	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R172	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R173	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R174	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R175	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R176	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R177	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R178	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R179	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R184	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R185	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R186	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R187	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R188	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R189	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R190	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R191	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R192	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R193	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R194	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R195	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R196	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R197	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R198	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R199	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R200	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R201	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R202	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R203	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R204	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R205	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R206	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R207	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R208	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R209	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R401	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R402	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R403	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R404	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R406	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R407	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R408	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R409	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R410	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R411	1-208-697-11	s RESISTOR CHIP 3.9K 1/16W(1005)
R412	1-208-697-11	s RESISTOR CHIP 3.9K 1/16W(1005)
R413	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R414	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R415	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R416	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R417	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R418	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R419	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R420	1-208-677-11	s RESISTOR CHIP 560 1/16W (1005)
R421	1-208-677-11	s RESISTOR CHIP 560 1/16W (1005)
R422	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R423	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R424	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R425	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R426	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R427	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R428	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R429	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R430	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R431	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R432	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R433	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R434	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R435	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R436	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R437	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R438	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R439	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R440	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R441	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R442	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R443	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R444	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R445	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R446	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R447	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R448	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R449	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R450	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R451	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R452	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R453	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R454	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R455	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R456	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R457	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R458	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R459	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R460	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R461	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R462	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R463	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R464	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R465	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R466	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R467	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R468	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R469	1-208-911-11	s RESISTOR, CHIP 10K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R470	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R471	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R472	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R473	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R474	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R501	1-220-256-11	s	RESISTOR CHIP 75 1/4W (3225)
R502	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R503	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R504	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R505	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R506	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R507	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R508	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R509	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R510	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R511	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R512	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R513	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R514	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R515	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R516	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R517	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R518	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R519	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R520	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R521	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R522	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R523	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R525	1-208-713-11	s	RESISTOR CHIP 18K 1/16W (1005)
R526	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R527	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005)
R529	1-208-713-11	s	RESISTOR CHIP 18K 1/16W (1005)
R530	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R531	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R532	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R533	1-208-713-11	s	RESISTOR CHIP 18K 1/16W (1005)
R534	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R535	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R537	1-208-713-11	s	RESISTOR CHIP 18K 1/16W (1005)
R538	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R539	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R540	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R541	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R542	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R543	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R544	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R546	1-208-713-11	s	RESISTOR CHIP 18K 1/16W (1005)
R547	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R550	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R551	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R552	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R553	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R554	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R555	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R556	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R557	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R558	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R559	1-208-923-11	s	RESISTOR, CHIP 33K (1005)
R560	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)

(AT-161 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R561	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R562	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R563	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R564	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R565	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R566	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R567	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R568	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R569	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R570	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R571	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R572	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R573	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R574	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R575	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R576	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R577	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R578	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R579	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R580	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R581	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R582	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R583	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R584	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R585	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R586	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R587	1-208-709-11	s	RESISTOR CHIP 12K 1/16W (1005)
R588	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R590	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R591	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R592	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R593	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R594	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R595	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R596	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R597	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R598	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R599	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R600	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R601	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R602	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R603	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R604	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R605	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R606	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R607	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R608	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R613	1-208-893-11	s	RESISTOR, CHIP 1.8K (1005)
R614	1-218-849-11	s	RESISTOR,CHIP 1.2K 1/10W(1608)
R615	1-218-849-11	s	RESISTOR,CHIP 1.2K 1/10W(1608)
R616	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R617	1-208-923-11	s	RESISTOR, CHIP 33K (1005)
R619	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005)
R620	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R621	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R622	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R623	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R624	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R625	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)

(AT-161 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R626	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R627	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R628	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R629	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R630	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R631	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R636	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R637	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R638	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R639	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R640	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R641	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R642	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R643	1-208-943-11	s RESISTOR CHIP 220K
R644	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R645	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R646	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R647	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R648	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R649	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R650	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R651	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R652	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R653	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R654	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R655	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R656	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R657	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R658	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R659	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R660	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R661	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R662	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R663	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R664	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R665	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R666	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R667	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R668	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R669	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R670	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R671	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R672	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R673	1-208-943-11	s RESISTOR CHIP 220K
R674	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R675	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R676	1-208-943-11	s RESISTOR CHIP 220K
R677	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R678	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R679	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R680	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R681	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R682	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R683	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R684	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R685	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R686	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R687	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R688	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)

(AT-161 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R689	1-208-943-11	s RESISTOR CHIP 220K
R690	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R691	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R692	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R693	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R694	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R695	1-208-885-11	s RESISTOR, CHIP 820 1/16W(1005)
R696	1-208-885-11	s RESISTOR, CHIP 820 1/16W(1005)
R697	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R698	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R699	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R700	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R701	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R702	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R703	1-218-970-11	s RESISTOR CHIP 27K 1/16W (1005)
R704	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R705	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R706	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R707	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R708	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R709	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R710	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R711	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R712	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R713	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R714	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R715	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R716	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R717	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R718	1-218-985-11	s RESISTOR CHIP 470K 1/16W(1005)
R719	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R720	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R721	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R722	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R723	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R724	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R725	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R726	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R727	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R728	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R729	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R730	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R731	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R732	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R737	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
RB1	1-233-810-21	s RES, NETWORK 100K (3216)
RB2	1-233-412-11	s RESISTOR,CHIP NETWORK 1K
RB3	1-233-810-21	s RES, NETWORK 100K (3216)
RB4	1-233-412-11	s RESISTOR,CHIP NETWORK 1K
RB5	1-233-810-21	s RES, NETWORK 100K (3216)
RB6	1-233-810-21	s RES, NETWORK 100K (3216)
RB7	1-233-810-21	s RES, NETWORK 100K (3216)
RB8	1-233-810-21	s RES, NETWORK 100K (3216)
RB101	1-233-578-11	s RESISTOR,CHIP NETWORK 47K
RB102	1-233-810-21	s RES, NETWORK 100K (3216)
RB103	1-233-810-21	s RES, NETWORK 100K (3216)
RB104	1-233-810-21	s RES, NETWORK 100K (3216)
RB105	1-233-810-21	s RES, NETWORK 100K (3216)
RB106	1-233-810-21	s RES, NETWORK 100K (3216)

(AT-161 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RB107	1-233-810-21	s RES, NETWORK 100K (3216)
RB108	1-233-810-21	s RES, NETWORK 100K (3216)
RB109	1-233-810-21	s RES, NETWORK 100K (3216)
RB110	1-233-810-21	s RES, NETWORK 100K (3216)
RB111	1-233-810-21	s RES, NETWORK 100K (3216)
RB112	1-233-810-21	s RES, NETWORK 100K (3216)
RB113	1-233-810-21	s RES, NETWORK 100K (3216)
RB114	1-239-409-11	s RESISTOR NETWORK 47 (3216)
RB115	1-239-409-11	s RESISTOR NETWORK 47 (3216)
RB116	1-239-409-11	s RESISTOR NETWORK 47 (3216)
RB117	1-239-409-11	s RESISTOR NETWORK 47 (3216)
RV501	1-225-792-21	s RES, ADJ, CERMET 10K
RV502	1-225-792-21	s RES, ADJ, CERMET 10K
RV503	1-225-792-21	s RES, ADJ, CERMET 10K
RV504	1-225-792-21	s RES, ADJ, CERMET 10K
RV505	1-225-793-11	s RES, ADJ, CERMET 20K
RV506	1-225-793-11	s RES, ADJ, CERMET 20K
RV507	1-225-793-11	s RES, ADJ, CERMET 20K
RV508	1-225-793-11	s RES, ADJ, CERMET 20K
RV509	1-225-797-11	s RESISTOR,ADJ,CERMET 200K
S1	1-572-658-21	s SWITCH,ROTARY
S2	1-762-775-11	s SWITCH, TOGGLE
S3	1-570-711-11	s SWITCH,SLIDE
S4	1-570-711-11	s SWITCH,SLIDE
S5	1-570-711-11	s SWITCH,SLIDE
S6	1-762-217-31	s SWITCH, SLIDE
S7	1-762-217-31	s SWITCH, SLIDE
S8	1-692-271-31	s SWITCH, SLIDE
S9	1-570-711-11	s SWITCH,SLIDE
S101	1-771-709-31	s SWITCH, SLIDE
THP1	△ 1-533-817-21	s THERMISTOR
THP2	△ 1-533-817-21	s THERMISTOR
THP3	△ 1-803-615-11	s THERMISTOR, POSITIVE
THP4	△ 1-533-817-21	s THERMISTOR
THP5	△ 1-533-817-21	s THERMISTOR
TP101	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP102	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP501	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP502	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP503	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP504	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP505	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP506	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP507	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP508	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP509	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP510	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP511	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP512	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP513	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP514	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP515	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP516	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP517	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP518	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP519	1-535-877-22	s CHIP,CHECKER (TEST POINT)
X101	1-760-435-11	s VIBRATOR, CRYSTAL

CN-2730 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1124-088-A	s MOUNTED CIRCUIT BOARD, CN-2730
C1	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C2	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C3	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C6	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C7	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C11	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C12	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C13	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C31	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C51	1-165-872-21	s CAPACITOR,SOLID ELECT 47MF
C52	1-165-872-21	s CAPACITOR,SOLID ELECT 47MF
C53	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C54	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C55	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C56	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C57	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C58	1-165-872-21	s CAPACITOR,SOLID ELECT 47MF
C59	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C71	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C81	1-136-209-11	s CAPACITOR,FILM 0.1MF/630V
CN3	1-691-961-11	o PIN, CONNECTOR (PC BOARD) 2P
CN5	1-695-480-21	o PIN, CONNECTOR (PC BOARD) 2P
CP1	1-417-611-11	s CONVERSION MODULE,E/O,EO-300
CP2	1-417-612-11	s CONVERSION MODULE,O/E,OE-301
D51	8-719-016-95	s DIODE 02DZ3.3-TPH3
D81	6-500-839-01	s DIODE D1UBA80
D82	8-719-017-11	s DIODE 02DZ6.8-TPH3
D83	8-719-017-11	s DIODE 02DZ6.8-TPH3
E1	1-535-877-22	s CHIP,CHECKER (TEST POINT)
FB1	1-469-108-11	s FERRITE, EMI (SMD)
FB11	1-469-108-11	s FERRITE, EMI (SMD)
IC1	6-702-536-01	s IC MC100LVEL16DTR2
IC3	8-759-327-01	s IC NJM062V-TE2
IC11	6-702-536-01	s IC MC100LVEL16DTR2
IC51	8-759-185-42	s IC LM4040AIM3-2.5
L1	1-414-392-31	s INDUCTOR (SMD) 1.0UH
L2	1-414-392-31	s INDUCTOR (SMD) 1.0UH
L51	1-416-344-11	s COIL, CHOKE 10UH
L52	1-416-344-11	s COIL, CHOKE 10UH
L53	1-416-344-11	s COIL, CHOKE 10UH
PH81	8-719-054-40	s PHOTO COUPLER TLP127(TPL)
Q51	8-729-230-27	s TRANSISTOR 2SA1213Y-TE12L
Q61	8-729-927-99	s TRANSISTOR 2SC4617R
Q71	8-729-927-99	s TRANSISTOR 2SC4617R
Q81	8-729-927-99	s TRANSISTOR 2SC4617R
Q82	8-729-052-17	s TRANSISTOR 2SK2177F71
R1	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R2	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R5	1-208-652-11	s RESISTOR CHIP 51 1/16W (1005)
R6	1-208-652-11	s RESISTOR CHIP 51 1/16W (1005)
R7	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R8	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R9	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R10	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)

(CN-2730 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R11	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R13	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R19	1-208-652-11	s RESISTOR CHIP 51 1/16W (1005)
R20	1-208-652-11	s RESISTOR CHIP 51 1/16W (1005)
R21	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R22	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R25	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R26	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R31	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R32	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R33	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R34	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R36	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R37	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R51	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R52	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R53	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R54	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R55	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R56	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R61	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R62	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R71	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R72	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R73	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R74	1-220-340-11	s RESISTOR CHIP 470K 1/2W (4532)
R75	1-220-340-11	s RESISTOR CHIP 470K 1/2W (4532)
R76	1-220-317-11	s RESISTOR CHIP 220K 1/4W (3225)
R77	1-220-317-11	s RESISTOR CHIP 220K 1/4W (3225)
R85	1-220-340-11	s RESISTOR CHIP 470K 1/2W (4532)
R86	1-220-340-11	s RESISTOR CHIP 470K 1/2W (4532)
R87	1-220-336-11	s RESISTOR, SQUARE CHIP 220K
R88	1-220-317-11	s RESISTOR CHIP 220K 1/4W (3225)
R89	1-220-317-11	s RESISTOR CHIP 220K 1/4W (3225)
R92	1-220-273-11	s RESISTOR, CHIP 1K 1/2W (4532)
R93	1-220-273-11	s RESISTOR, CHIP 1K 1/2W (4532)
R94	1-220-273-11	s RESISTOR, CHIP 1K 1/2W (4532)
R95	1-220-273-11	s RESISTOR, CHIP 1K 1/2W (4532)
R96	1-220-273-11	s RESISTOR, CHIP 1K 1/2W (4532)
R97	1-220-273-11	s RESISTOR, CHIP 1K 1/2W (4532)
R98	1-220-273-11	s RESISTOR, CHIP 1K 1/2W (4532)
R99	1-220-273-11	s RESISTOR, CHIP 1K 1/2W (4532)

DM-141 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1124-086-A	s MOUNTED CIRCUIT BOARD, DM-141
1pc	1-234-941-11	s FILTER,MPX
6pcs	7-682-947-01	s SCREW +PSW 3X6
C1	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C2	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C3	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C4	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C5	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C6	1-127-573-11	s CAPACITOR,CERAMIC 1MFB(2012)
C7	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C8	1-127-573-11	s CAPACITOR,CERAMIC 1MFB(2012)
C9	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C10	1-127-573-11	s CAPACITOR,CERAMIC 1MFB(2012)
C11	1-127-573-11	s CAPACITOR,CERAMIC 1MFB(2012)
C12	1-127-573-11	s CAPACITOR,CERAMIC 1MFB(2012)
C13	1-127-573-11	s CAPACITOR,CERAMIC 1MFB(2012)
C14	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C15	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C16	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C17	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C18	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C19	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C20	1-164-862-11	s CAPACITOR,CHIP CERAMIC 33PF/50
C21	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C22	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C23	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C24	1-164-862-11	s CAPACITOR,CHIP CERAMIC 33PF/50
C25	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C26	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C27	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C28	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C29	1-164-847-11	s CAPACITOR,CHIP CERAMIC 7PF/50V
C30	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C31	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C32	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C33	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C34	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C35	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C36	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C37	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C38	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C39	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C40	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C41	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C42	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C43	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C44	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C45	1-115-416-11	s CAPACITOR,CERAMIC 1000PF/25V
C47	1-164-850-11	s CAPACITOR,CHIP CERAMIC 10PF/50
C49	1-164-858-11	s CAPACITOR,CERAMIC 22PF/50V
C52	1-164-934-11	s CAPACITOR,CERAMIC 330PF/50V B
C54	1-164-850-11	s CAPACITOR,CHIP CERAMIC 10PF/50
C55	1-164-845-11	s CAPACITOR,CERAMIC 5PF/16V(1005)
C56	1-164-850-11	s CAPACITOR,CHIP CERAMIC 10PF/50
C57	1-164-845-11	s CAPACITOR,CERAMIC 5PF/16V(1005)
C58	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C59	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C60	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)

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Ref. No. or Q'ty	Part No.	SP	Description
C61	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C62	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C63	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C64	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C65	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C66	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C67	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C68	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C69	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C70	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C71	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C72	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C73	1-125-889-11	s	CAPACITOR, CERAMIC 2.2MF
C74	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C75	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C76	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C77	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C78	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C79	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C81	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C83	1-164-858-11	s	CAPACITOR,CERAMIC 22PF/50V
C86	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C87	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C90	1-164-848-11	s	CAPACITOR,CHIP CERAMIC 8PF/50V
C92	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C94	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C95	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C96	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C97	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C99	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C100	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C101	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C102	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C103	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C104	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C105	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C106	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C107	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C108	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C109	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C110	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C111	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C112	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C113	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C114	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C116	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C118	1-164-858-11	s	CAPACITOR,CERAMIC 22PF/50V
C121	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C122	1-164-934-11	s	CAPACITOR,CERAMIC 330PF/50V B
C124	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C125	1-164-845-11	s	CAPACITOR,CERAMIC 5PF/16V(1005)
C126	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C127	1-164-845-11	s	CAPACITOR,CERAMIC 5PF/16V(1005)
C128	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C129	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C130	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C131	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C133	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C134	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)

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Ref. No. or Q'ty	Part No.	SP	Description
C135	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C136	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C137	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C138	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C139	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C140	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C141	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C142	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C143	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C144	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C145	1-164-843-11	s	CAPACITOR,CHIP CERAMIC 3PF/50V
C150	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C151	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C152	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C153	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C154	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C300	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C301	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C302	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C303	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C304	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C305	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C306	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C307	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C308	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C309	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C310	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C311	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C312	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C313	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C314	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C315	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C316	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C317	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C318	1-126-402-11	s	CAPACITOR, ELECT 2.2MF/50V
C319	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C320	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C321	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C322	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C323	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C324	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C325	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C326	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C327	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C329	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C330	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C331	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C332	1-164-843-11	s	CAPACITOR,CHIP CERAMIC 3PF/50V
C334	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C335	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C336	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C337	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C338	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C339	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C342	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C343	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C344	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C345	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C346	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V

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Ref. No. or Q'ty	Part No.	SP Description
C348	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C349	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C350	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C351	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C352	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C353	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C354	1-164-848-11	s CAPACITOR,CHIP CERAMIC 8PF/50V
C355	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C357	1-164-933-11	s CAP CHIP CERAMIC 220PF/16V(B)
C358	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C361	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C362	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C363	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C364	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C365	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C366	1-164-933-11	s CAP CHIP CERAMIC 220PF/16V(B)
C367	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C368	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C369	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C370	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C371	1-164-937-11	s CAPACITOR,CHIP CERAMIC 1000PF
C372	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C373	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C375	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C377	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C378	1-164-846-11	s CAPACITOR,CHIP CERAMIC 6PF/50V
C379	1-127-950-11	s CAPACITOR,CHIP FILM 0.01MF
C380	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C381	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C382	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C383	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C384	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C385	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C386	1-117-145-11	s CAPACITOR, ELECT 1MF/50V (BP)
C387	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C389	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C390	1-107-823-11	s CAPACITOR,CERAMIC 0.47MF/16V
C391	1-164-935-11	s CAPACITOR,CHIP CERAMIC 470PF
C392	1-127-950-11	s CAPACITOR,CHIP FILM 0.01MF
C393	1-107-823-11	s CAPACITOR,CERAMIC 0.47MF/16V
C395	1-164-937-11	s CAPACITOR,CHIP CERAMIC 1000PF
C396	1-115-153-11	s CAPACITOR,ELECT 4.7MF/16V(BP)
C397	1-115-153-11	s CAPACITOR,ELECT 4.7MF/16V(BP)
C399	1-115-416-11	s CAPACITOR,CERAMIC 1000PF/25V
C400	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C401	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C402	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C403	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C404	1-164-840-11	s CAPACITOR,CHIP CERAMIC 1.5PF
C406	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C407	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C408	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C409	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C410	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C411	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C414	1-164-858-11	s CAPACITOR,CERAMIC 22PF/50V
C415	1-164-858-11	s CAPACITOR,CERAMIC 22PF/50V
C416	1-164-858-11	s CAPACITOR,CERAMIC 22PF/50V
C417	1-127-573-11	s CAPACITOR,CERAMIC 1MFB(2012)

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Ref. No. or Q'ty	Part No.	SP Description
C418	1-127-573-11	s CAPACITOR,CERAMIC 1MFB(2012)
C419	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C420	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C421	1-127-573-11	s CAPACITOR,CERAMIC 1MFB(2012)
C422	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C423	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C424	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C425	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C426	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C427	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C428	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C429	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C430	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C431	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C432	1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
C433	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C434	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C435	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C436	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C437	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C438	1-127-573-11	s CAPACITOR,CERAMIC 1MFB(2012)
C439	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C440	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C441	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C442	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C443	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C444	1-165-872-21	s CAPACITOR,SOLID ELECT 47MF
C445	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C446	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C447	1-164-842-11	s CAPACITOR CERAMIC 2PF/16V 1005
C451	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C452	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C453	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C600	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C601	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C602	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C603	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C604	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C605	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C606	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C607	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C608	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C609	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C610	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C611	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C612	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C613	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C614	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C615	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C616	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C619	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C620	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C621	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C622	1-165-908-11	s CAP, CERAMIC 1MF B 1608
C623	1-164-845-11	s CAPACITOR,CERAMIC 5PF/16V(1005)
C624	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C625	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C626	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C627	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V

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Ref. No. or Q'ty	Part No.	SP	Description
C628	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C629	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C630	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C631	1-164-840-11	s	CAPACITOR,CHIP CERAMIC 1.5PF
C632	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C633	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C635	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C636	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C637	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C638	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C639	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C640	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C641	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C642	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C643	1-164-847-11	s	CAPACITOR,CHIP CERAMIC 7PF/50V
C644	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C645	1-164-840-11	s	CAPACITOR,CHIP CERAMIC 1.5PF
C646	1-164-847-11	s	CAPACITOR,CHIP CERAMIC 7PF/50V
C647	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C648	1-164-858-11	s	CAPACITOR,CERAMIC 22PF/50V
C649	1-164-845-11	s	CAPACITOR,CERAMIC 5PF/16V(1005
C650	1-164-858-11	s	CAPACITOR,CERAMIC 22PF/50V
C651	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C652	1-164-845-11	s	CAPACITOR,CERAMIC 5PF/16V(1005
C653	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C654	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C655	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C656	1-127-950-11	s	CAPACITOR,CHIP FILM 0.01MF
C657	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C658	1-164-842-11	s	CAPACITOR CERAMIC 2PF/16V 1005
C660	1-164-845-11	s	CAPACITOR,CERAMIC 5PF/16V(1005
C661	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C662	1-117-145-11	s	CAPACITOR, ELECT 1MF/50V (BP)
C663	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C664	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C665	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C666	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C667	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C668	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C669	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C670	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C671	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C672	1-164-842-11	s	CAPACITOR CERAMIC 2PF/16V 1005
C674	1-164-847-11	s	CAPACITOR,CHIP CERAMIC 7PF/50V
C675	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C676	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C677	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C678	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C679	1-115-153-11	s	CAPACITOR,ELECT 4.7MF/16V(BP)
C680	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C681	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C682	1-115-153-11	s	CAPACITOR,ELECT 4.7MF/16V(BP)
C683	1-117-144-11	s	CAPACITOR,ELECT 0.47MF
C684	1-127-950-11	s	CAPACITOR,CHIP FILM 0.01MF
C685	1-117-145-11	s	CAPACITOR, ELECT 1MF/50V (BP)
C686	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C687	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C688	1-127-954-11	s	CAPACITOR,CHIP FILM 0.047MF
C689	1-117-145-11	s	CAPACITOR, ELECT 1MF/50V (BP)

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Ref. No. or Q'ty	Part No.	SP	Description
C690	1-127-950-11	s	CAPACITOR,CHIP FILM 0.01MF
C691	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C692	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C693	1-127-952-11	s	CAPACITOR,FILM 0.022MF (3216)
C694	1-115-154-11	s	CAPACITOR ELECT 10MF/16V(BP)
C695	1-115-154-11	s	CAPACITOR ELECT 10MF/16V(BP)
C696	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C697	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C698	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C699	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/50
C700	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C701	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C702	1-164-843-11	s	CAPACITOR,CHIP CERAMIC 3PF/50V
C703	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C704	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C705	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C706	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C707	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C708	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C709	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C710	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C711	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C900	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C901	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C905	1-100-620-91	s	CAPACITOR, CHIP 47MF(3225)
C910	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C911	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C912	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C913	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C914	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C915	1-164-866-11	s	CAPACITOR,CHIP CERAMIC 47PF/50
C916	1-164-858-11	s	CAPACITOR,CERAMIC 22PF/50V
C917	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C918	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C919	1-164-870-11	s	CAPACITOR,CHIP CERAMIC 68PF/50
C922	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C923	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C924	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C925	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C926	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C927	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C928	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C929	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C930	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C931	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C932	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C935	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C936	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C937	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C940	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C941	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN3	1-766-703-11	s	CONNECTOR, COAXIAL
CN4	1-766-703-11	s	CONNECTOR, COAXIAL
CN900	1-766-703-11	s	CONNECTOR, COAXIAL
CN901	1-766-703-11	s	CONNECTOR, COAXIAL
CN902	1-766-703-11	s	CONNECTOR, COAXIAL
CT900	1-141-621-21	s	CAP, ADJ

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Ref. No. or Q'ty	Part No.	SP Description
D1	8-719-820-41	s DIODE 1SS302
D2	8-719-038-31	s DIODE 1SS313-TE85L
D3	8-719-069-99	s DIODE 1SS375-TL-E
D4	8-719-069-99	s DIODE 1SS375-TL-E
D5	8-719-038-31	s DIODE 1SS313-TE85L
D6	8-719-038-31	s DIODE 1SS313-TE85L
D7	8-719-038-31	s DIODE 1SS313-TE85L
D8	8-719-038-31	s DIODE 1SS313-TE85L
D9	8-719-038-31	s DIODE 1SS313-TE85L
D10	8-719-038-31	s DIODE 1SS313-TE85L
D11	8-719-038-31	s DIODE 1SS313-TE85L
D12	8-719-820-41	s DIODE 1SS302
D13	8-719-038-31	s DIODE 1SS313-TE85L
D14	8-719-069-99	s DIODE 1SS375-TL-E
D15	8-719-038-31	s DIODE 1SS313-TE85L
D16	8-719-038-31	s DIODE 1SS313-TE85L
D17	8-719-820-41	s DIODE 1SS302
D18	8-719-038-31	s DIODE 1SS313-TE85L
D19	8-719-069-99	s DIODE 1SS375-TL-E
D20	8-719-038-31	s DIODE 1SS313-TE85L
D21	8-719-038-31	s DIODE 1SS313-TE85L
D22	8-719-038-31	s DIODE 1SS313-TE85L
D23	8-719-069-99	s DIODE 1SS375-TL-E
D25	8-719-069-99	s DIODE 1SS375-TL-E
D300	8-719-030-22	s DIODE 1SV172
D301	8-719-030-22	s DIODE 1SV172
D303	8-719-820-41	s DIODE 1SS302
D304	8-719-820-41	s DIODE 1SS302
D305	8-719-017-03	s DIODE 02DZ4.7-TPH3
D306	8-719-017-03	s DIODE 02DZ4.7-TPH3
D310	8-719-017-03	s DIODE 02DZ4.7-TPH3
D600	8-719-030-22	s DIODE 1SV172
D601	8-719-030-22	s DIODE 1SV172
D602	8-719-820-41	s DIODE 1SS302
D603	8-719-820-41	s DIODE 1SS302
D604	8-719-059-59	s DIODE MA3J74200LSO
D605	8-719-030-22	s DIODE 1SV172
D900	8-719-083-90	s DIODE HVU363ATRU
DL300	1-479-427-21	s PHASE SHIFTER 90
E300	1-535-877-22	s CHIP,CHECKER (TEST POINT)
E301	1-535-877-22	s CHIP,CHECKER (TEST POINT)
E302	1-535-877-22	s CHIP,CHECKER (TEST POINT)
E600	1-535-877-22	s CHIP,CHECKER (TEST POINT)
E900	1-535-877-22	s CHIP,CHECKER (TEST POINT)
FB900	1-469-094-21	s FERRITE, EMI (SMD)
FB901	1-469-094-21	s FERRITE, EMI (SMD)
FL103	1-813-627-11	s FILTER (PHASE EQ-Y)
FL300	1-233-606-21	s FILTER (SMD), LOW PASS
FL301	1-233-606-21	s FILTER (SMD), LOW PASS
FL303	1-813-626-11	s FILTER (PHASE EQ-C)
FL600	1-239-950-11	s FILTER, LOW PASS (VIDEO)
FL601	1-239-950-11	s FILTER, LOW PASS (VIDEO)
FL602	1-239-944-11	s FILTER, LOW PASS
IC1	8-759-327-01	s IC NJM062V-TE2
IC2	8-759-523-02	s IC TC74HC4053AFT(EL)
IC3	8-759-338-95	s IC NJM2903V (TE2)
IC4	8-759-471-89	s IC 74VHC02MTCX

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Ref. No. or Q'ty	Part No.	SP Description
IC5	8-759-009-41	s IC MC14520BF
IC6	8-759-471-89	s IC 74VHC02MTCX
IC7	8-759-471-85	s IC 74VHC00MTCX
IC8	8-759-471-89	s IC 74VHC02MTCX
IC9	8-759-523-02	s IC TC74HC4053AFT(EL)
IC12	8-759-523-02	s IC TC74HC4053AFT(EL)
IC13	8-759-471-85	s IC 74VHC00MTCX
IC14	6-706-863-01	s IC LMH6732MFX/NOPB
IC15	6-706-863-01	s IC LMH6732MFX/NOPB
IC16	6-706-863-01	s IC LMH6732MFX/NOPB
IC17	6-706-863-01	s IC LMH6732MFX/NOPB
IC18	6-706-863-01	s IC LMH6732MFX/NOPB
IC300	6-706-863-01	s IC LMH6732MFX/NOPB
IC301	6-706-863-01	s IC LMH6732MFX/NOPB
IC302	8-759-327-01	s IC NJM062V-TE2
IC303	6-707-052-01	s IC TA1272AFG(EL)
IC304	8-759-344-12	s IC GS4981CTAE3
IC305	8-759-472-35	s IC 74VHC221AMTCX
IC306	8-759-472-04	s IC 74VHC74MTCX
IC307	8-759-472-35	s IC 74VHC221AMTCX
IC308	8-759-421-87	s IC UPC319G2-E2
IC309	8-759-471-96	s IC 74VHC08MTCX
IC310	8-759-271-18	s IC NJM1496V
IC311	8-759-327-01	s IC NJM062V-TE2
IC312	8-759-271-18	s IC NJM1496V
IC313	6-706-863-01	s IC LMH6732MFX/NOPB
IC314	8-759-669-66	s IC TLC272CPWR
IC315	8-759-327-01	s IC NJM062V-TE2
IC316	8-759-327-01	s IC NJM062V-TE2
IC317	8-759-185-42	s IC LM4040AIM3-2.5
IC318	8-759-338-95	s IC NJM2903V (TE2)
IC319	8-759-523-02	s IC TC74HC4053AFT(EL)
IC600	8-759-327-01	s IC NJM062V-TE2
IC601	8-759-271-18	s IC NJM1496V
IC602	6-706-863-01	s IC LMH6732MFX/NOPB
IC603	8-759-669-66	s IC TLC272CPWR
IC604	8-759-669-66	s IC TLC272CPWR
IC605	8-759-271-18	s IC NJM1496V
IC606	8-752-054-80	s IC CXA1521M
IC607	6-706-863-01	s IC LMH6732MFX/NOPB
IC608	8-759-669-66	s IC TLC272CPWR
IC609	8-759-669-66	s IC TLC272CPWR
IC610	8-759-523-02	s IC TC74HC4053AFT(EL)
IC900	6-706-863-01	s IC LMH6732MFX/NOPB
IC901	6-706-863-01	s IC LMH6732MFX/NOPB
L1	1-412-056-11	s INDUCTOR 4.7UH (3225)
L2	1-412-056-11	s INDUCTOR 4.7UH (3225)
L3	1-414-398-11	s INDUCTOR (SMD) 10UH
L4	1-414-398-11	s INDUCTOR (SMD) 10UH
L5	1-414-398-11	s INDUCTOR (SMD) 10UH
L6	1-414-398-11	s INDUCTOR (SMD) 10UH
L7	1-412-947-11	s INDUCTOR 4.7UH (2520)
L8	1-412-951-11	s INDUCTOR 10UH (2520)
L9	1-412-947-11	s INDUCTOR 4.7UH (2520)
L10	1-414-398-11	s INDUCTOR (SMD) 10UH
L11	1-414-398-11	s INDUCTOR (SMD) 10UH
L12	1-412-951-11	s INDUCTOR 10UH (2520)
L13	1-412-947-11	s INDUCTOR 4.7UH (2520)
L14	1-414-398-11	s INDUCTOR (SMD) 10UH

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Ref. No. or Q'ty	Part No.	SP	Description
L15	1-414-398-11	s	INDUCTOR (SMD) 10UH
L16	1-412-056-11	s	INDUCTOR 4.7UH (3225)
L17	1-412-056-11	s	INDUCTOR 4.7UH (3225)
L18	1-412-951-11	s	INDUCTOR 10UH (2520)
L19	1-412-947-11	s	INDUCTOR 4.7UH (2520)
L20	1-414-398-11	s	INDUCTOR (SMD) 10UH
L21	1-414-398-11	s	INDUCTOR (SMD) 10UH
L22	1-412-056-11	s	INDUCTOR 4.7UH (3225)
L23	1-412-056-11	s	INDUCTOR 4.7UH (3225)
L24	1-412-951-11	s	INDUCTOR 10UH (2520)
L25	1-412-947-11	s	INDUCTOR 4.7UH (2520)
L26	1-412-951-11	s	INDUCTOR 10UH (2520)
L27	1-412-947-11	s	INDUCTOR 4.7UH (2520)
L28	1-412-973-11	s	INDUCTOR (SMALL TYPE)
L30	1-414-918-41	s	INDUCTOR, CHIP 150.0NH
L300	1-412-056-11	s	INDUCTOR 4.7UH (3225)
L301	1-412-056-11	s	INDUCTOR 4.7UH (3225)
L302	1-412-056-11	s	INDUCTOR 4.7UH (3225)
L303	1-414-398-11	s	INDUCTOR (SMD) 10UH
L304	1-414-398-11	s	INDUCTOR (SMD) 10UH
L305	1-414-398-11	s	INDUCTOR (SMD) 10UH
L306	1-414-398-11	s	INDUCTOR (SMD) 10UH
L307	1-414-398-11	s	INDUCTOR (SMD) 10UH
L308	1-412-947-11	s	INDUCTOR 4.7UH (2520)
L309	1-412-947-11	s	INDUCTOR 4.7UH (2520)
L310	1-412-947-11	s	INDUCTOR 4.7UH (2520)
L311	1-412-973-11	s	INDUCTOR (SMALL TYPE)
L312	1-412-056-11	s	INDUCTOR 4.7UH (3225)
L313	1-412-056-11	s	INDUCTOR 4.7UH (3225)
L314	1-414-398-11	s	INDUCTOR (SMD) 10UH
L315	1-414-398-11	s	INDUCTOR (SMD) 10UH
L316	1-414-398-11	s	INDUCTOR (SMD) 10UH
L317	1-412-056-11	s	INDUCTOR 4.7UH (3225)
L318	1-412-939-11	s	INDUCTOR 1.0UH (2520)
L319	1-414-400-11	s	INDUCTOR, 22UH
L320	1-416-510-21	s	COIL, CHOKE 100UH
L321	1-416-510-21	s	COIL, CHOKE 100UH
L322	1-414-398-11	s	INDUCTOR (SMD) 10UH
L600	1-414-398-11	s	INDUCTOR (SMD) 10UH
L601	1-414-398-11	s	INDUCTOR (SMD) 10UH
L602	1-414-398-11	s	INDUCTOR (SMD) 10UH
L603	1-414-398-11	s	INDUCTOR (SMD) 10UH
L604	1-414-398-11	s	INDUCTOR (SMD) 10UH
L605	1-414-398-11	s	INDUCTOR (SMD) 10UH
L606	1-412-951-11	s	INDUCTOR 10UH (2520)
L607	1-412-951-11	s	INDUCTOR 10UH (2520)
L608	1-412-943-11	s	INDUCTOR 2.2UH (2520)
L609	1-412-951-11	s	INDUCTOR 10UH (2520)
L610	1-414-398-11	s	INDUCTOR (SMD) 10UH
L611	1-414-398-11	s	INDUCTOR (SMD) 10UH
L612	1-414-398-11	s	INDUCTOR (SMD) 10UH
L613	1-414-398-11	s	INDUCTOR (SMD) 10UH
L614	1-412-951-11	s	INDUCTOR 10UH (2520)
L615	1-414-398-11	s	INDUCTOR (SMD) 10UH
L616	1-412-943-11	s	INDUCTOR 2.2UH (2520)
L617	1-412-951-11	s	INDUCTOR 10UH (2520)
L618	1-412-939-11	s	INDUCTOR 1.0UH (2520)
L900	1-414-398-11	s	INDUCTOR (SMD) 10UH
L901	1-414-398-11	s	INDUCTOR (SMD) 10UH

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Ref. No. or Q'ty	Part No.	SP	Description
L902	1-412-935-11	s	INDUCTOR 0.47UH (2520)
L903	1-412-941-11	s	INDUCTOR 1.5UH (2520)
L904	1-457-132-11	s	COIL, AIR-CORE
LV300	1-409-819-11	s	COIL, VARIABLE
Q1	8-729-122-63	s	TRANSISTOR 2SA1226-E4
Q2	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q3	8-729-923-31	s	TRANSISTOR 2SC4083-P
Q4	8-729-923-31	s	TRANSISTOR 2SC4083-P
Q5	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q6	8-729-923-31	s	TRANSISTOR 2SC4083-P
Q7	8-729-923-31	s	TRANSISTOR 2SC4083-P
Q8	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q9	8-729-928-19	s	TRANSISTOR 2SA1774R
Q10	8-729-928-19	s	TRANSISTOR 2SA1774R
Q11	8-729-923-31	s	TRANSISTOR 2SC4083-P
Q12	8-729-923-31	s	TRANSISTOR 2SC4083-P
Q13	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q14	8-729-928-81	s	TRANSISTOR DTC144EE
Q15	8-729-928-19	s	TRANSISTOR 2SA1774R
Q16	8-729-928-81	s	TRANSISTOR DTC144EE
Q17	8-729-928-36	s	TRANSISTOR DTA114EE
Q18	8-729-928-19	s	TRANSISTOR 2SA1774R
Q19	8-729-928-19	s	TRANSISTOR 2SA1774R
Q20	8-729-928-36	s	TRANSISTOR DTA114EE
Q21	8-729-928-81	s	TRANSISTOR DTC144EE
Q22	8-729-928-19	s	TRANSISTOR 2SA1774R
Q23	8-729-928-81	s	TRANSISTOR DTC144EE
Q24	8-729-928-36	s	TRANSISTOR DTA114EE
Q25	8-729-928-19	s	TRANSISTOR 2SA1774R
Q26	8-729-928-36	s	TRANSISTOR DTA114EE
Q302	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q303	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q304	8-729-122-63	s	TRANSISTOR 2SA1226-E4
Q305	8-729-927-99	s	TRANSISTOR 2SC4617R
Q306	8-729-230-38	s	TRANSISTOR 2SC4215Y
Q307	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q308	8-729-927-99	s	TRANSISTOR 2SC4617R
Q309	8-729-923-31	s	TRANSISTOR 2SC4083-P
Q310	8-729-122-63	s	TRANSISTOR 2SA1226-E4
Q311	8-729-927-99	s	TRANSISTOR 2SC4617R
Q312	8-729-928-19	s	TRANSISTOR 2SA1774R
Q313	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q314	8-729-053-44	s	TRANSISTOR 2SK880-Y-TE85R
Q315	8-729-053-44	s	TRANSISTOR 2SK880-Y-TE85R
Q316	6-550-361-01	s	TRANSISTOR 2SK2539-6/7/8-TB-E
Q317	6-550-361-01	s	TRANSISTOR 2SK2539-6/7/8-TB-E
Q318	8-729-927-99	s	TRANSISTOR 2SC4617R
Q319	8-729-928-19	s	TRANSISTOR 2SA1774R
Q320	8-729-927-99	s	TRANSISTOR 2SC4617R
Q321	8-729-928-19	s	TRANSISTOR 2SA1774R
Q322	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q323	8-729-927-99	s	TRANSISTOR 2SC4617R
Q325	8-729-230-27	s	TRANSISTOR 2SA1213Y-TE12L
Q326	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q327	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q328	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q329	8-729-927-99	s	TRANSISTOR 2SC4617R
Q332	8-729-928-55	s	TRANSISTOR DTA123JE-TL

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Ref. No. or Q'ty	Part No.	SP Description
Q333	8-729-928-55	s TRANSISTOR DTA123JE-TL
Q600	8-729-923-31	s TRANSISTOR 2SC4083-P
Q601	8-729-923-31	s TRANSISTOR 2SC4083-P
Q602	8-729-122-63	s TRANSISTOR 2SA1226-E4
Q603	8-729-230-38	s TRANSISTOR 2SC4215Y
Q604	8-729-122-63	s TRANSISTOR 2SA1226-E4
Q605	8-729-230-38	s TRANSISTOR 2SC4215Y
Q606	8-729-230-38	s TRANSISTOR 2SC4215Y
Q607	8-729-923-31	s TRANSISTOR 2SC4083-P
Q608	8-729-923-31	s TRANSISTOR 2SC4083-P
Q609	8-729-230-38	s TRANSISTOR 2SC4215Y
Q610	8-729-923-31	s TRANSISTOR 2SC4083-P
Q611	8-729-122-63	s TRANSISTOR 2SA1226-E4
Q612	8-729-928-19	s TRANSISTOR 2SA1774R
Q613	6-550-361-01	s TRANSISTOR 2SK2539-6/7/8-TB-E
Q614	6-550-361-01	s TRANSISTOR 2SK2539-6/7/8-TB-E
Q615	6-550-361-01	s TRANSISTOR 2SK2539-6/7/8-TB-E
Q616	6-550-361-01	s TRANSISTOR 2SK2539-6/7/8-TB-E
Q617	6-550-361-01	s TRANSISTOR 2SK2539-6/7/8-TB-E
Q618	6-550-361-01	s TRANSISTOR 2SK2539-6/7/8-TB-E
Q619	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q620	8-729-927-99	s TRANSISTOR 2SC4617R
Q621	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q622	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q623	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q624	8-729-928-55	s TRANSISTOR DTA123JE-TL
Q625	8-729-928-55	s TRANSISTOR DTA123JE-TL
Q901	8-729-927-99	s TRANSISTOR 2SC4617R
Q902	8-729-927-99	s TRANSISTOR 2SC4617R
Q903	8-729-928-19	s TRANSISTOR 2SA1774R
Q904	8-729-230-38	s TRANSISTOR 2SC4215Y
Q905	8-729-230-38	s TRANSISTOR 2SC4215Y
Q906	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q907	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q908	8-729-230-38	s TRANSISTOR 2SC4215Y
R1	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R2	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R3	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R4	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R5	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R6	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R7	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R8	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R9	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R10	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R12	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R13	1-218-977-11	s RESISTOR,CHIP 100K 1/16W(1005)
R14	1-218-929-11	s RESISTOR,CHIP 10 1/16W (1005)
R15	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R16	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R17	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R18	1-218-949-11	s RESISTOR,CHIP 470 1/16W
R19	1-208-647-11	s RESISTOR CHIP 33 1/16W (1005)
R20	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R21	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R22	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R23	1-220-874-11	s RES, CHIP 15 (1005)
R24	1-208-713-11	s RESISTOR CHIP 18K 1/16W (1005)
R25	1-208-709-11	s RESISTOR CHIP 12K 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R26	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R27	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R28	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R29	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R30	1-218-929-11	s RESISTOR,CHIP 10 1/16W (1005)
R31	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R32	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R33	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R34	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R35	1-218-935-11	s RESISTOR,CHIP 33 1/16W (1005)
R36	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R37	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R38	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R39	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R40	1-208-647-11	s RESISTOR CHIP 33 1/16W (1005)
R41	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R42	1-220-874-11	s RES, CHIP 15 (1005)
R43	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R44	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R45	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R46	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R47	1-208-647-11	s RESISTOR CHIP 33 1/16W (1005)
R48	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R49	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R50	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R51	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R52	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R53	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R54	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R55	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R56	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R57	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R58	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R59	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R60	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R61	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R62	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R63	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R64	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R65	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R66	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R67	1-218-929-11	s RESISTOR,CHIP 10 1/16W (1005)
R68	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R69	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R70	1-218-971-11	s RESISTOR,CHIP 33K 1/16W (1005)
R71	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R72	1-218-929-11	s RESISTOR,CHIP 10 1/16W (1005)
R73	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R74	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R75	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R76	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R77	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R78	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R79	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R80	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R81	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R82	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R83	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R84	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R85	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R86	1-220-874-11	s	RES, CHIP 15 (1005)
R87	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R88	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R89	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R90	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R91	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)
R92	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R93	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R94	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R95	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R96	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R97	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R98	1-218-939-11	s	RESISTOR, CHIP 68 1/16W (1005)
R99	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R100	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R101	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R102	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R103	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R104	1-218-963-11	s	RESISTOR,CHIP 6.8K 1/16W
R105	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R106	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R107	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R108	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R109	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R110	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R111	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005)
R112	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R113	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R114	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R115	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R116	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R117	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R118	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R119	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R120	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R121	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R122	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R123	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R124	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R125	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005)
R126	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R127	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R128	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R129	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R130	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R131	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R133	1-208-855-81	s	RESISTOR,CHIP 47 1/16W (1005)
R134	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R135	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R136	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R138	1-208-855-81	s	RESISTOR,CHIP 47 1/16W (1005)
R139	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R140	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R141	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R142	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)
R143	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R144	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R145	1-218-939-11	s	RESISTOR, CHIP 68 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R146	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R147	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005)
R148	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R149	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R152	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R153	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R154	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R155	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R156	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R157	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005)
R158	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R159	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R160	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R161	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R162	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R163	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R164	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R165	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R166	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R167	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R168	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R169	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R170	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R171	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R172	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R173	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R174	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R175	1-218-939-11	s	RESISTOR, CHIP 68 1/16W (1005)
R176	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R177	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R178	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R179	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R180	1-220-874-11	s	RES, CHIP 15 (1005)
R181	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R182	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R183	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)
R184	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R185	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R186	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R187	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R188	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R189	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R190	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R191	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R192	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R193	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R194	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R195	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R196	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R197	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R198	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R199	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R200	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R201	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R202	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R203	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R204	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R205	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R206	1-208-911-11	s	RESISTOR, CHIP 10K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R207	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R208	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R209	1-218-971-11	s RESISTOR,CHIP 33K 1/16W (1005)
R210	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R211	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R212	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R213	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R214	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R215	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R216	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R217	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R218	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R219	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R220	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R221	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R222	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R223	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R224	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R225	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R226	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R300	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R301	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R302	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R303	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R304	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R305	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R306	1-208-647-11	s RESISTOR CHIP 33 1/16W (1005)
R308	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R309	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R310	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R311	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R312	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R313	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R314	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R315	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R316	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R317	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R318	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R319	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R320	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R321	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R322	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R323	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R324	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R325	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R326	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R327	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R328	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R329	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R330	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R331	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R332	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R333	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R334	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R335	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R336	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R337	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R339	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R340	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R341	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R342	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R343	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R344	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R345	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R346	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R347	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R348	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R349	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R352	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R353	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R354	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R355	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R356	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R357	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R358	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R359	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R361	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R363	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R365	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R366	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R367	1-208-943-11	s RESISTOR CHIP 220K
R368	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R369	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R370	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R371	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R372	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R373	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R374	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R375	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R376	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R377	1-208-647-11	s RESISTOR CHIP 33 1/16W (1005)
R378	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R381	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R383	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R384	1-208-647-11	s RESISTOR CHIP 33 1/16W (1005)
R385	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R386	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R387	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R388	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R389	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R390	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R391	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R392	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R393	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R394	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R396	1-218-977-11	s RESISTOR,CHIP 100K 1/16W(1005)
R397	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R398	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R399	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R400	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R401	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R403	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R404	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R405	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R406	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R408	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R409	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R410	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R411	1-218-959-11	s RESISTOR, CHIP 3.3K
R412	1-218-949-11	s RESISTOR,CHIP 470 1/16W
R413	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R414	1-218-955-11	s RESISTOR, CHIP 1.5K
R415	1-218-949-11	s RESISTOR,CHIP 470 1/16W
R416	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R417	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R418	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R419	1-218-977-11	s RESISTOR,CHIP 100K 1/16W(1005)
R420	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R421	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R422	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R423	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R424	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R425	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R426	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R427	1-218-969-11	s RESISTOR,CHIP 22K 1/16W (1005)
R428	1-218-969-11	s RESISTOR,CHIP 22K 1/16W (1005)
R429	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R430	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R431	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R432	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R433	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R434	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R435	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R437	1-218-963-11	s RESISTOR,CHIP 6.8K 1/16W
R438	1-218-985-11	s RESISTOR CHIP 470K 1/16W(1005)
R440	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R441	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R442	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R443	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R444	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R445	1-218-977-11	s RESISTOR,CHIP 100K 1/16W(1005)
R446	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R447	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R448	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R449	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R450	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R451	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R452	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R453	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R455	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R456	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R457	1-220-398-11	s RESISTOR, CHIP 1.5M
R458	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R459	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R460	1-218-981-11	s RESISTOR CHIP 220K 1/16W(1005)
R461	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R462	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R463	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R464	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R465	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R466	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R467	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R468	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R469	1-218-959-11	s RESISTOR, CHIP 3.3K
R470	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R472	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R473	1-218-953-11	s RESISTOR, CHIP 1K 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R474	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R475	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R476	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R478	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R479	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R480	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R481	1-218-977-11	s RESISTOR,CHIP 100K 1/16W(1005)
R482	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R483	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R484	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R485	1-218-959-11	s RESISTOR, CHIP 3.3K
R486	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R488	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R489	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R490	1-218-971-11	s RESISTOR,CHIP 33K 1/16W (1005)
R491	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R492	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R493	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R494	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R495	1-208-947-11	s RESISTOR CHIP 330K 1/16W(1005)
R496	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R497	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R498	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R499	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R500	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R501	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R503	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R504	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R506	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R507	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R508	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R509	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R510	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R511	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R512	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R513	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R514	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R515	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R516	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R517	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R518	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R519	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R520	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R521	1-218-951-11	s RESISTOR, CHIP 680 1/16
R522	1-218-963-11	s RESISTOR,CHIP 6.8K 1/16W
R523	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R524	1-218-951-11	s RESISTOR, CHIP 680 1/16
R525	1-218-947-11	s RESISTOR, CHIP 330 1/16W
R527	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R528	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R529	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R531	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R534	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R535	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R536	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R538	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R539	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R540	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R541	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)

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Ref. No. or Q'ty	Part No.	SP Description
R542	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R543	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R544	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R545	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R546	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R547	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R548	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R549	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R550	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R551	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R554	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R555	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R556	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R557	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R558	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R559	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R560	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R561	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R562	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R564	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R565	1-208-939-11	s RESISTOR, CHIP 150K (1005)
R566	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R567	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R568	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R570	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R571	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R572	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R573	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R574	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R575	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R576	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R577	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R580	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R581	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R582	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R583	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R584	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R585	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R587	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R588	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R589	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R590	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R591	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R600	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R601	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R602	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R603	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R604	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R605	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R606	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R607	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R608	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R609	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R610	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R611	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R612	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R613	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R614	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R615	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R616	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R617	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R618	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R619	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R620	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R621	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R622	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R623	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R624	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R625	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R626	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R627	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R628	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R629	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R630	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R631	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R632	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R633	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R634	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R635	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R636	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R637	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R638	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R639	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R640	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R641	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R642	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R643	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R644	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R645	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R646	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R647	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R648	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R649	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R650	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R651	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R652	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R653	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R654	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R655	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R656	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R657	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R658	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R659	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R660	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R661	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R662	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R663	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R664	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R665	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R666	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R667	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R668	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R669	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R671	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R672	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R673	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R674	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R675	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R676	1-218-959-11	s	RESISTOR, CHIP 3.3K
R677	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R678	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005
R679	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005
R680	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R681	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R682	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R683	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R684	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R686	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R687	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R688	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R689	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R690	1-218-959-11	s	RESISTOR, CHIP 3.3K
R692	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R693	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R694	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R695	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R696	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005
R697	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R698	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R699	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R700	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005
R701	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R702	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R703	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R704	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R705	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R706	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R707	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R708	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R709	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R710	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R711	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R712	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R713	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R714	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R715	1-218-985-11	s	RESISTOR CHIP 470K 1/16W(1005)
R716	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R717	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R718	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R719	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R720	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R721	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R722	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R723	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R724	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R725	1-218-985-11	s	RESISTOR CHIP 470K 1/16W(1005)
R726	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R727	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R728	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R729	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R730	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R731	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R732	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R733	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R734	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R735	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R736	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R737	1-218-951-11	s	RESISTOR, CHIP 680 1/16
R738	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005
R739	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R740	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R741	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R742	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R743	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R744	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R745	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R746	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R747	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R748	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R749	1-218-981-11	s	RESISTOR,CHIP 220K 1/16W(1005)
R751	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R752	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R753	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R754	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R755	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R757	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R758	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R759	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R761	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R763	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R764	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R765	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R766	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R767	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R768	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R769	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R771	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R772	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R773	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R775	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R776	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R777	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R778	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R779	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R780	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R781	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R782	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R783	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R784	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R785	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R786	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R788	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R789	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R790	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R791	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)
R792	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1005)
R794	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1005)
R795	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R797	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R798	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R799	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R800	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R801	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)
R802	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R803	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R804	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)

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Ref. No. or Q'ty	Part No.	SP Description
R806	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R807	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R808	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R809	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R810	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R811	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R812	1-218-963-11	s RESISTOR,CHIP 6.8K 1/16W
R813	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R814	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R815	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R816	1-218-955-11	s RESISTOR, CHIP 1.5K
R817	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R818	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R819	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R820	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R821	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R822	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R823	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R824	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R825	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R826	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R900	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R901	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R906	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R907	1-208-947-11	s RESISTOR CHIP 330K 1/16W(1005)
R908	1-218-959-11	s RESISTOR, CHIP 3.3K
R910	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R911	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R913	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R914	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R917	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1005)
R918	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R919	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R920	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R922	1-218-981-11	s RESISTOR CHIP 220K 1/16W(1005)
R923	1-218-935-11	s RESISTOR,CHIP 33 1/16W (1005)
R924	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R925	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R926	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R927	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R928	1-208-885-11	s RESISTOR, CHIP 820 1/16W(1005)
R929	1-218-937-11	s RESISTOR, CHIP 47
R930	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R931	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R932	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R933	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R934	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R935	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R936	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R937	1-208-647-11	s RESISTOR CHIP 33 1/16W (1005)
R939	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R940	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R941	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R942	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R944	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R945	1-218-937-11	s RESISTOR, CHIP 47
R946	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R947	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R948	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)

(DM-141 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R949	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R950	1-218-935-11	s RESISTOR,CHIP 33 1/16W (1005)
R951	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R952	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R953	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R960	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R961	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R962	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
RV300	1-225-789-21	s RES, ADJ, CERMET 2K
RV301	1-225-788-21	s RES, ADJ, CERMET 1K
RV302	1-225-787-21	s RES, ADJ, CERMET 500
RV303	1-225-788-21	s RES, ADJ, CERMET 1K
RV306	1-225-793-11	s RES, ADJ, CERMET 20K
RV307	1-241-262-11	s RESISTOR ADJ 2K (CERMET)
RV309	1-225-788-21	s RES, ADJ, CERMET 1K
RV310	1-225-793-11	s RES, ADJ, CERMET 20K
RV311	1-225-791-21	s RES, ADJ, CERMET 5K
RV600	1-225-789-21	s RES, ADJ, CERMET 2K
RV601	1-225-789-21	s RES, ADJ, CERMET 2K
RV602	1-225-789-21	s RES, ADJ, CERMET 2K
RV603	1-241-261-41	s RESISTOR, ADJ, CERMET 1K
RV604	1-241-261-41	s RESISTOR, ADJ, CERMET 1K
RV605	1-225-791-21	s RES, ADJ, CERMET 5K
RV606	1-225-791-21	s RES, ADJ, CERMET 5K
RV607	1-225-793-11	s RES, ADJ, CERMET 20K
RV608	1-225-788-21	s RES, ADJ, CERMET 1K
RV609	1-225-793-11	s RES, ADJ, CERMET 20K
RV900	1-225-789-21	s RES, ADJ, CERMET 2K
S1	1-572-658-21	s SWITCH,ROTARY
S300	1-571-304-11	s SWITCH, CHIP
S600	1-571-304-11	s SWITCH, CHIP
THP300	Δ 1-803-615-11	s THERMISTOR, POSITIVE
THP301	Δ 1-533-817-21	s THERMISTOR
THP302	Δ 1-533-817-21	s THERMISTOR
TP1	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP300	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP301	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP302	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP304	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP305	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP306	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP307	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP309	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP310	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP311	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP601	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP602	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP603	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP604	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP605	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP606	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP607	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP900	1-535-877-22	s CHIP,CHECKER (TEST POINT)
X300	1-813-629-11	s OSCILLATOR, CRYSTAL
X301	1-813-628-11	s OSCILLATOR, CRYSTAL
X600	1-813-633-11	s OSCILLATOR, CRYSTAL
X601	1-813-630-11	s OSCILLATOR, CRYSTAL

DPR-263 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1124-082-A	s	MOUNTED CIRCUIT BOARD, DPR-263
4pcs	7-682-547-04	s	SCREW +B3X6
4pcs	3-608-159-01	o	BOSS (M3,H=8)
C1	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C2	1-126-393-11	s	CAPACITOR ELECT 33MF/10V(CHIP)
C3	1-126-393-11	s	CAPACITOR ELECT 33MF/10V(CHIP)
C4	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C5	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C7	1-164-933-11	s	CAP CHIP CERAMIC 220PF/16V(B)
C8	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C9	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C10	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C11	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C12	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C14	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C15	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C17	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C19	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C20	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C21	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C22	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C23	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C24	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C25	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C26	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C27	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C28	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C29	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C30	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C31	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C32	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C33	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C34	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C35	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C36	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C37	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C38	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C39	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C40	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C41	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C42	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C101	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C102	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C103	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C104	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C105	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C106	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C107	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C108	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C110	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C111	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C112	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C113	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C114	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C115	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C117	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C119	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C122	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V

(DPR-263 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C123	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C124	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C126	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C127	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C128	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C130	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C132	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C133	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C134	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C135	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C136	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C138	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C139	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C140	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C141	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C142	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C143	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C145	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C201	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C202	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C203	1-165-884-91	s	CAPACITOR, CERAMIC 2.2MF(1608)
C204	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C205	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C206	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C207	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C208	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C209	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C210	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C211	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C212	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C213	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C214	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C215	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C216	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C217	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C218	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C219	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C220	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C221	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C222	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C223	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C224	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C225	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C226	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C227	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C228	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C229	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C230	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C231	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C232	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C233	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C234	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C235	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C236	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C237	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C238	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C239	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C240	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C241	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V

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Ref. No. or Q'ty	Part No.	SP Description
C242	1-164-840-11	s CAPACITOR,CHIP CERAMIC 1.5PF
C244	1-164-840-11	s CAPACITOR,CHIP CERAMIC 1.5PF
C301	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C302	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C303	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C304	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C305	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C306	1-165-884-91	s CAPACITOR, CERAMIC 2.2MF(1608)
C307	1-164-840-11	s CAPACITOR,CHIP CERAMIC 1.5PF
C308	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C309	1-165-884-91	s CAPACITOR, CERAMIC 2.2MF(1608)
C311	1-164-840-11	s CAPACITOR,CHIP CERAMIC 1.5PF
C312	1-164-840-11	s CAPACITOR,CHIP CERAMIC 1.5PF
C313	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C314	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C315	1-165-884-91	s CAPACITOR, CERAMIC 2.2MF(1608)
C316	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C317	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C318	1-165-884-91	s CAPACITOR, CERAMIC 2.2MF(1608)
C320	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C321	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C322	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C323	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C326	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C327	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C328	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C330	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C331	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C332	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C334	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C335	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C336	1-165-884-91	s CAPACITOR, CERAMIC 2.2MF(1608)
C337	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C338	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C340	1-165-884-91	s CAPACITOR, CERAMIC 2.2MF(1608)
C341	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C342	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C343	1-165-887-91	s CAP, CERAMIC 0.22MF (1005)
C344	1-164-850-11	s CAPACITOR,CHIP CERAMIC 10PF/50
C345	1-164-850-11	s CAPACITOR,CHIP CERAMIC 10PF/50
C346	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C347	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C348	1-165-887-91	s CAP, CERAMIC 0.22MF (1005)
C349	1-165-884-91	s CAPACITOR, CERAMIC 2.2MF(1608)
C350	1-165-884-91	s CAPACITOR, CERAMIC 2.2MF(1608)
C351	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C352	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C353	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C354	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C355	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C356	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C357	1-165-887-91	s CAP, CERAMIC 0.22MF (1005)
C358	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C359	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C360	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C361	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C362	1-165-887-91	s CAP, CERAMIC 0.22MF (1005)
C363	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C364	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216

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Ref. No. or Q'ty	Part No.	SP Description
C365	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C366	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C367	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C368	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C369	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C370	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C371	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C372	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C373	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C374	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C375	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C376	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C377	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C378	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C379	1-165-884-91	s CAPACITOR, CERAMIC 2.2MF(1608)
C380	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C381	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C382	1-127-956-11	s CAPACITOR,CHIP FILM 0.1MF
C383	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C384	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C385	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C386	1-127-956-11	s CAPACITOR,CHIP FILM 0.1MF
C387	1-127-956-11	s CAPACITOR,CHIP FILM 0.1MF
C388	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C389	1-164-937-11	s CAPACITOR,CHIP CERAMIC 1000PF
C390	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C391	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C392	1-165-989-11	s CAPACITOR, CERAMIC 10MF (2012)
C393	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C394	1-164-878-11	s CAPACITOR, CHIP CERAMIC 150PF
C395	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C396	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C397	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C398	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C399	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C400	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C401	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C402	1-164-850-11	s CAPACITOR,CHIP CERAMIC 10PF/50
C403	1-164-850-11	s CAPACITOR,CHIP CERAMIC 10PF/50
C404	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C405	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C406	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C407	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C408	1-165-884-91	s CAPACITOR, CERAMIC 2.2MF(1608)
C409	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C410	1-165-989-11	s CAPACITOR, CERAMIC 10MF (2012)
C411	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C412	1-165-989-11	s CAPACITOR, CERAMIC 10MF (2012)
C413	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C414	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C415	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C416	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C417	1-165-989-11	s CAPACITOR, CERAMIC 10MF (2012)
C418	1-165-989-11	s CAPACITOR, CERAMIC 10MF (2012)
C419	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C420	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C421	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C422	1-100-567-81	s CAP,CHIP CERAMIC 0.01MF B 1005
C423	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216

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Ref. No. or Q'ty	Part No.	SP	Description
C424	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C425	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C426	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C427	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C428	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C429	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C430	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C431	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C432	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C433	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C434	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C601	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C602	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C603	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C604	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C607	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C609	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C610	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C611	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C612	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C613	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C614	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C616	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C617	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C618	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C619	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C620	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C621	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C623	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C624	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C625	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C627	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C628	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C629	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C630	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C631	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C632	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C633	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C634	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C635	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C636	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C637	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C639	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C640	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C641	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C642	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C643	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C644	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C645	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C646	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C647	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C648	1-100-506-91	s	CAPACITOR, CERAMIC 1MF B 1005
C650	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C651	1-127-760-11	s	CAPACITOR,CERAMIC 4.7MF/6.3V
C701	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C702	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C703	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C704	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C705	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V

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Ref. No. or Q'ty	Part No.	SP	Description
C706	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C707	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C708	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C709	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C710	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C711	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C712	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C713	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C714	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C715	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C716	1-164-858-11	s	CAPACITOR,CERAMIC 22PF/50V
C717	1-164-858-11	s	CAPACITOR,CERAMIC 22PF/50V
C718	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C719	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C743	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C744	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN201	1-764-093-21	o	PIN, CONNECTOR (PC BOARD) 8P
D1	8-719-017-03	s	DIODE 02DZ4.7-TPH3
D2	8-719-017-03	s	DIODE 02DZ4.7-TPH3
D3	8-719-073-92	s	DIODE RB060L-40TE25
D301	8-719-820-41	s	DIODE 1SS302
D302	8-719-800-76	s	DIODE 1SS226
D303	8-719-820-41	s	DIODE 1SS302
D601	8-719-157-94	s	DIODE RD3.3SB
E1	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
E2	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
E3	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
E4	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
E201	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
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)
FB101	1-414-554-21	s	FERRITE, EMI (SMD)
FB102	1-414-554-21	s	FERRITE, EMI (SMD)
FB103	1-414-554-21	s	FERRITE, EMI (SMD)
FB104	1-414-554-21	s	FERRITE, EMI (SMD)
FB105	1-414-554-21	s	FERRITE, EMI (SMD)
FB106	1-469-108-11	s	FERRITE, EMI (SMD)
FB107	1-469-108-11	s	FERRITE, EMI (SMD)
FB108	1-469-108-11	s	FERRITE, EMI (SMD)
FB109	1-469-108-11	s	FERRITE, EMI (SMD)
FB110	1-414-554-21	s	FERRITE, EMI (SMD)
FB111	1-414-554-21	s	FERRITE, EMI (SMD)
FB601	1-469-108-11	s	FERRITE, EMI (SMD)
FB602	1-469-108-11	s	FERRITE, EMI (SMD)
FB603	1-469-108-11	s	FERRITE, EMI (SMD)
FB604	1-469-108-11	s	FERRITE, EMI (SMD)
FB605	1-414-554-21	s	FERRITE, EMI (SMD)
FB606	1-414-554-21	s	FERRITE, EMI (SMD)
FB607	1-414-554-21	s	FERRITE, EMI (SMD)
FB608	1-414-554-21	s	FERRITE, EMI (SMD)
FB609	1-414-554-21	s	FERRITE, EMI (SMD)
FB610	1-414-554-21	s	FERRITE, EMI (SMD)
FB611	1-414-554-21	s	FERRITE, EMI (SMD)
FB612	1-414-554-21	s	FERRITE, EMI (SMD)
FB613	1-414-554-21	s	FERRITE, EMI (SMD)
FB614	1-414-554-21	s	FERRITE, EMI (SMD)

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Ref. No. or Q'ty	Part No.	SP Description
FL201	1-233-892-21	s FILTER, LOW PASS
IC1	8-759-713-98	s IC LTC1772CS6
IC2	6-700-655-01	s IC LT1963ES8#TR
IC3	6-700-655-01	s IC LT1963ES8#TR
IC5	8-759-085-67	s IC LM339NS
IC6	8-759-327-01	s IC NJM062V-TE2
IC7	8-759-472-43	s IC 74VHC245MTCX
IC8	8-759-679-53	s IC SN74LVC244APWR
IC9	6-706-484-01	s IC TC7SH04FU (T5RSOYJF)
IC10	6-706-487-01	s IC TC7SH08FU (T5RSOYJF)
IC11	8-759-471-96	s IC 74VHC08MTCX
IC12	8-759-669-69	s IC TLC7733IPWR-12
IC101	6-703-692-01	s IC GS1561-CFE3
IC104	8-759-386-27	s IC 74LCX04MTCX
IC105	6-700-804-01	s IC SN74LVC574APWR
IC106	6-700-804-01	s IC SN74LVC574APWR
IC109	8-759-592-44	s IC TC7SZ04FU (TE85R)
IC110	8-759-472-12	s IC 74VHC123AMTCX
IC201	8-759-679-53	s IC SN74LVC244APWR
IC202	6-700-387-01	s IC EPC2LC20-TP
IC204	8-752-391-99	s IC CXD2315Q-T4
IC205	8-759-185-42	s IC LM4040AIM3-2.5
IC206	6-706-863-01	s IC LMH6732MFX/NOPB
IC301	8-759-371-78	s IC LT1431CS8-E1
IC302	8-759-447-19	s IC AD8041AR
IC303	8-759-447-19	s IC AD8041AR
IC304	8-759-447-19	s IC AD8041AR
IC305	8-759-447-19	s IC AD8041AR
IC306	6-706-484-01	s IC TC7SH04FU (T5RSOYJF)
IC307	8-759-447-19	s IC AD8041AR
IC308	8-759-447-19	s IC AD8041AR
IC309	8-759-082-60	s IC TC7S66FU
IC310	8-759-082-60	s IC TC7S66FU
IC311	8-759-082-60	s IC TC7S66FU
IC312	8-759-686-89	s IC AD9203ARU-RL7
IC313	8-759-686-89	s IC AD9203ARU-RL7
IC314	6-703-741-01	s IC ADS828E/1K
IC315	8-759-485-24	s IC MC74HC4046ADT (R2)
IC316	8-759-669-41	s IC SN74LVC125APWR-12
IC317	6-700-387-01	s IC EPC2LC20-TP
IC318	8-759-386-27	s IC 74LCX04MTCX
IC322	8-759-347-09	s IC NJU7034V (TE2)
IC323	8-759-669-66	s IC TLC272CPWR
IC324	6-706-484-01	s IC TC7SH04FU (T5RSOYJF)
IC325	8-759-523-04	s IC TC74HC4538AFT
IC326	8-759-669-66	s IC TLC272CPWR
IC327	8-759-669-66	s IC TLC272CPWR
IC328	8-759-669-66	s IC TLC272CPWR
IC329	8-759-669-66	s IC TLC272CPWR
IC601	8-759-471-96	s IC 74VHC08MTCX
IC602	8-759-389-25	s IC 74LCX02MTCX
IC604	8-759-669-75	s IC TLC2932IPWR
IC605	6-703-693-01	s IC GS1532-CFE3
IC606	8-759-669-66	s IC TLC272CPWR
IC701	8-759-485-24	s IC MC74HC4046ADT (R2)
IC702	8-759-485-24	s IC MC74HC4046ADT (R2)
IC705	8-759-471-96	s IC 74VHC08MTCX
IC706	8-759-472-43	s IC 74VHC245MTCX

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Ref. No. or Q'ty	Part No.	SP Description
IC707	8-759-557-84	s IC NC7SZ04P5X
IC708	8-759-669-66	s IC TLC272CPWR
IC709	8-759-557-84	s IC NC7SZ04P5X
IC710	8-759-669-66	s IC TLC272CPWR
JC1	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
JC201	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
L1	1-416-344-11	s COIL, CHOKE 10UH
L2	1-416-344-11	s COIL, CHOKE 10UH
L3	1-416-344-11	s COIL, CHOKE 10UH
L4	1-416-948-21	s COIL, CHOKE (SMD)
L5	1-414-400-11	s INDUCTOR, 22UH
L6	1-416-344-11	s COIL, CHOKE 10UH
L7	1-416-344-11	s COIL, CHOKE 10UH
L101	1-414-398-11	s INDUCTOR (SMD) 10UH
L201	1-414-392-31	s INDUCTOR (SMD) 1.0UH
L202	1-414-392-31	s INDUCTOR (SMD) 1.0UH
L203	1-414-392-31	s INDUCTOR (SMD) 1.0UH
L204	1-414-400-11	s INDUCTOR, 22UH
L205	1-414-400-11	s INDUCTOR, 22UH
L206	1-414-400-11	s INDUCTOR, 22UH
L207	1-414-400-11	s INDUCTOR, 22UH
L301	1-414-752-11	s INDUCTOR 2.2UH
L303	1-414-400-11	s INDUCTOR, 22UH
L304	1-414-398-11	s INDUCTOR (SMD) 10UH
L305	1-414-398-11	s INDUCTOR (SMD) 10UH
L306	1-414-392-31	s INDUCTOR (SMD) 1.0UH
L307	1-414-392-31	s INDUCTOR (SMD) 1.0UH
L308	1-414-392-31	s INDUCTOR (SMD) 1.0UH
L309	1-414-398-11	s INDUCTOR (SMD) 10UH
L310	1-414-392-31	s INDUCTOR (SMD) 1.0UH
L311	1-414-392-31	s INDUCTOR (SMD) 1.0UH
L312	1-414-752-11	s INDUCTOR 2.2UH
L313	1-414-752-11	s INDUCTOR 2.2UH
L601	1-414-404-11	s INDUCTOR (SMD) 100UH
L602	1-414-404-11	s INDUCTOR (SMD) 100UH
L603	1-414-398-11	s INDUCTOR (SMD) 10UH
L701	1-414-398-11	s INDUCTOR (SMD) 10UH
L702	1-414-398-11	s INDUCTOR (SMD) 10UH
L703	1-414-398-11	s INDUCTOR (SMD) 10UH
L704	1-414-398-11	s INDUCTOR (SMD) 10UH
Q1	8-729-230-27	s TRANSISTOR 2SA1213Y-TE12L
Q2	8-729-807-51	s TRANSISTOR 2SD1623-S
Q3	8-729-045-53	s TRANSISTOR SI4431DY-T1
Q4	8-729-927-99	s TRANSISTOR 2SC4617R
Q303	8-729-117-31	s TRANSISTOR 2SC4177-L5
Q306	8-729-403-29	s TRANSISTOR XN6435
Q307	8-729-122-63	s TRANSISTOR 2SA1226-E4
Q308	8-729-928-19	s TRANSISTOR 2SA1774R
Q309	8-729-403-32	s TRANSISTOR XN6534
Q310	8-729-928-19	s TRANSISTOR 2SA1774R
Q601	8-729-927-99	s TRANSISTOR 2SC4617R
Q602	8-729-928-19	s TRANSISTOR 2SA1774R
Q603	8-729-928-19	s TRANSISTOR 2SA1774R
R1	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R2	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R3	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R4	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R5	1-208-911-11	s RESISTOR, CHIP 10K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R6	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R7	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R8	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R9	1-211-899-11	s RESISTOR,CHIP 0.22 1/4W (3225)
R10	1-211-899-11	s RESISTOR,CHIP 0.22 1/4W (3225)
R11	1-211-899-11	s RESISTOR,CHIP 0.22 1/4W (3225)
R12	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R13	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R14	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R15	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R16	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R17	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R18	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R19	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R20	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R21	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R25	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R26	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R27	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R28	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R31	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R32	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R33	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R34	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R35	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R36	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R37	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R39	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R40	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R41	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R44	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R45	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R46	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R47	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R48	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R49	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R50	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R51	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R52	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R54	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R55	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R101	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R103	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R104	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R105	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R106	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R107	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R108	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R109	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R111	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R113	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R114	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R117	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R120	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R121	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R123	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R125	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R127	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R129	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R134	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R135	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R137	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R138	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R139	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R140	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R141	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R142	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R143	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R144	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R145	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R146	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R147	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R148	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R149	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R150	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R151	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R152	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R153	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R154	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R155	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R156	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R159	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R201	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R202	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R203	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R204	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R212	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R213	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R214	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R215	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R216	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R217	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R218	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R219	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R220	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R221	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R222	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R223	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R224	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R228	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R229	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R230	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R231	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R232	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R234	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R235	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R236	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R237	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R239	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R240	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R241	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R242	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R243	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R245	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R246	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R247	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R249	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R250	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R251	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R252	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R253	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R254	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R255	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R257	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R258	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R259	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R260	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R261	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R262	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R263	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R264	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R265	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R266	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R267	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R268	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R269	1-208-713-11	s RESISTOR CHIP 18K 1/16W (1005)
R270	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R271	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R272	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R273	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R274	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R275	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R276	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R277	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R278	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R280	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R281	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R282	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R283	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R284	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R285	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R286	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R287	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R288	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R289	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R290	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R291	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R292	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R293	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R295	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R296	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R297	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R302	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R306	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R308	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R309	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R314	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R316	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R318	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R321	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R322	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R323	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R324	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R325	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R326	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R327	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R328	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R329	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R330	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R331	1-208-671-11	s RESISTOR CHIP 330 1/16W (1005)
R332	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R333	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R334	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R335	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R336	1-208-647-11	s RESISTOR CHIP 33 1/16W (1005)
R337	1-208-695-11	s RESISTOR CHIP 3.3K 1/16W(1005)
R338	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R339	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R341	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R343	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R346	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R349	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R351	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R352	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R353	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R355	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R356	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R357	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R358	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R359	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R361	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R362	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R363	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R365	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R366	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R368	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R369	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R370	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R371	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R372	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R373	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R376	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R377	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R378	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R379	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R380	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R383	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R384	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R385	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R386	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R387	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R388	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R389	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R390	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R391	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R392	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R393	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R394	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R395	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R396	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R397	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R398	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R399	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R400	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R401	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R402	1-208-911-11	s RESISTOR, CHIP 10K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R462	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R463	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R464	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W (1005)
R465	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W (1005)
R467	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R468	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R469	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R470	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R471	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R472	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R473	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R474	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R475	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R476	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R477	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R478	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R479	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R480	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R481	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R482	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R483	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R484	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R485	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R486	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R487	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R488	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R489	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R490	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R491	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R492	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R493	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R494	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R495	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R496	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R497	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R499	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R500	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R501	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R502	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R503	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R504	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R505	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R506	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R507	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R508	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R510	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R511	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R512	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R513	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R514	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R515	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R516	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R517	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R518	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R519	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R520	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R521	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R522	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R523	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R650	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R652	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R653	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R654	1-218-939-11	s	RESISTOR, CHIP 68 1/16W (1005)
R656	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R658	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R662	1-208-860-11	s	RESISTOR CHIP 75 1/16W (1005)
R664	1-208-860-11	s	RESISTOR CHIP 75 1/16W (1005)
R701	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R702	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R703	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R704	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R705	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R706	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R707	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R708	1-208-923-11	s	RESISTOR, CHIP 33K (1005)
R709	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R710	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R711	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R712	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R713	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R714	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R715	1-208-923-11	s	RESISTOR, CHIP 33K (1005)
R716	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R717	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R718	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R719	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R720	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R721	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R728	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R729	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R731	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R732	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R733	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R734	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R735	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R736	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R738	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R739	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R740	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R741	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R746	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R747	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R748	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R749	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R750	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R751	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R752	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R753	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R756	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R757	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R758	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R759	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R760	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R761	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R762	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R766	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R768	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R769	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)

(DPR-263 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R770	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R771	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R772	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R773	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
RB1	1-233-810-21	s RES, NETWORK 100K (3216)
RB2	1-233-810-21	s RES, NETWORK 100K (3216)
RB3	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB4	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB5	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB6	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB7	1-233-810-21	s RES, NETWORK 100K (3216)
RB8	1-233-810-21	s RES, NETWORK 100K (3216)
RB9	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB10	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB11	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB101	1-233-574-11	s RESISTOR,CHIP NETWORK 10
RB102	1-233-574-11	s RESISTOR,CHIP NETWORK 10
RB103	1-233-574-11	s RESISTOR,CHIP NETWORK 10
RB104	1-233-574-11	s RESISTOR,CHIP NETWORK 10
RB105	1-233-574-11	s RESISTOR,CHIP NETWORK 10
RB106	1-233-574-11	s RESISTOR,CHIP NETWORK 10
RB107	1-233-574-11	s RESISTOR,CHIP NETWORK 10
RB108	1-233-574-11	s RESISTOR,CHIP NETWORK 10
RB201	1-234-380-11	s RESISTOR,NETWORK 47KX4 (1005)
RB202	1-234-380-11	s RESISTOR,NETWORK 47KX4 (1005)
RB203	1-233-574-11	s RESISTOR,CHIP NETWORK 10
RB204	1-233-574-11	s RESISTOR,CHIP NETWORK 10
RB601	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB602	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB603	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB604	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB605	1-233-576-11	s RESISTOR,CHIP NETWORK 100
RB701	1-239-409-11	s RESISTOR NETWORK 47 (3216)
RB702	1-239-409-11	s RESISTOR NETWORK 47 (3216)
RB703	1-233-810-21	s RES, NETWORK 100K (3216)
RB704	1-233-810-21	s RES, NETWORK 100K (3216)
RV201	1-225-791-21	s RES, ADJ, CERMET 5K
RV301	1-241-264-11	s RESISTOR ADJ 10K (CERMET)
RV302	1-225-793-11	s RES, ADJ, CERMET 20K
RV303	1-241-264-11	s RESISTOR ADJ 10K (CERMET)
RV304	1-241-264-11	s RESISTOR ADJ 10K (CERMET)
RV305	1-241-264-11	s RESISTOR ADJ 10K (CERMET)
S701	1-692-271-31	s SWITCH, SLIDE
THP2	△ 1-533-817-21	s THERMISTOR
THP3	△ 1-533-817-21	s THERMISTOR
THP4	△ 1-533-817-21	s THERMISTOR
THP5	△ 1-533-817-21	s THERMISTOR
THP6	△ 1-533-817-21	s THERMISTOR
THP7	△ 1-533-817-21	s THERMISTOR
THP8	△ 1-533-817-21	s THERMISTOR
TP101	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP102	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP105	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP106	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP107	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP108	1-535-877-22	s CHIP,CHECKER (TEST POINT)

(DPR-263 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
TP201	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP202	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP301	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP302	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP303	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP304	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP601	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP602	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP603	1-535-877-22	s CHIP,CHECKER (TEST POINT)
TP604	1-535-877-22	s CHIP,CHECKER (TEST POINT)
X101	1-795-872-11	s OSCILLATOR
X301	1-795-671-12	s OSCILLATOR, CRYSTAL
X302	1-795-670-12	s OSCILLATOR, CRYSTAL
X601	1-795-872-11	s OSCILLATOR
X602	1-795-671-12	s OSCILLATOR, CRYSTAL
X603	1-795-670-12	s OSCILLATOR, CRYSTAL
X701	1-813-253-12	s OSCILLATOR, CRYSTAL
X702	1-795-763-12	s OSCILLATOR, CRYSTAL

FL-335 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1124-089-A	s MOUNTED CIRCUIT BOARD, FL-335
3pcs	1-562-210-11	s CONTACT, CONNECTOR
1pc	9-911-863-99	s FIBER SHEET, INSULATING (OTHER)
C1	△ 1-113-925-11	s CAPACITOR, CERAMIC 10000PF/250V
C2	△ 1-113-925-11	s CAPACITOR, CERAMIC 10000PF/250V
C3	△ 1-136-206-11	s CAPACITOR, FILM 0.033MF/630V
C4	△ 1-136-206-11	s CAPACITOR, FILM 0.033MF/630V
C5	△ 1-136-209-11	s CAPACITOR, FILM 0.1MF/630V
C6	△ 1-136-206-11	s CAPACITOR, FILM 0.033MF/630V
C7	△ 1-136-206-11	s CAPACITOR, FILM 0.033MF/630V
CN1	1-691-291-11	o PIN, CONNECTOR (PC BOARD) 5P
CN2	1-750-880-11	s RECEPTACLE, COAXIAL CONNECTOR
D1	8-719-037-22	s DIODE RD12SB-T1
D2	8-719-037-22	s DIODE RD12SB-T1
L2	1-411-968-11	s COIL, CHOKE 33UH
L3	1-410-283-11	s INDUCTOR
L4	1-416-831-11	s COIL, CHOKE
L5	1-416-831-11	s COIL, CHOKE
L6	1-416-831-11	s COIL, CHOKE
L7	1-416-831-11	s COIL, CHOKE
L8	1-416-831-11	s COIL, CHOKE
L9	1-416-831-11	s COIL, CHOKE
L10	1-412-963-11	s INDUCTOR 100UH (2520)
L11	1-412-963-11	s INDUCTOR 100UH (2520)
R1	1-220-346-91	s RESISTOR, SQUARE TYPE CHIP 1.5M
R2	1-220-346-91	s RESISTOR, SQUARE TYPE CHIP 1.5M
R3	1-220-346-91	s RESISTOR, SQUARE TYPE CHIP 1.5M
R4	1-220-346-91	s RESISTOR, SQUARE TYPE CHIP 1.5M

MB-1056 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1124-090-A	s MOUNTED CIRCUIT BOARD, MB-1056
CN8	1-580-547-11	o PIN, CONNECTOR (PC BOARD) 36P

3-4. Supplied Accessories

*A: [HDFX100 (UC)]
*B: [HDFX100 (J)]
*C: [HDFX100 (CE)]

Ref. No. or Q'ty	Part No.	SP Description
1pc	*A △ 1-551-812-11	s CORD, POWER
	*B △ 1-791-041-11	s CORD SET, POWER (3P)
	*C △ 1-782-929-12	s CORD, POWER SUPPLY (BS 3P)
1pc	*A 2-990-242-01	s HOLDER (B), PLUG
	*B 1-793-461-12	s PLUG, CONVERSION (3P-2P)
	*C 3-613-640-01	o HOLDER (C), PLUG
1pc	3-903-897-01	s OPERATION MANUAL
4pcs	7-682-561-04	s SCREW +B4X8

3-5. Optional Fixtures

Part No.	SP Description
A-8326-017-A	s MOUNTED CIRCUIT BOARD, ROM-28
A-8344-228-A	s EXTENSION BOARD (EX-854)
J-6480-010-A	o ALIGNMENT SLEEVE REMOVER
J-7120-140-A	o PLD DOWNLOAD FIXTURE

Section 4

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。

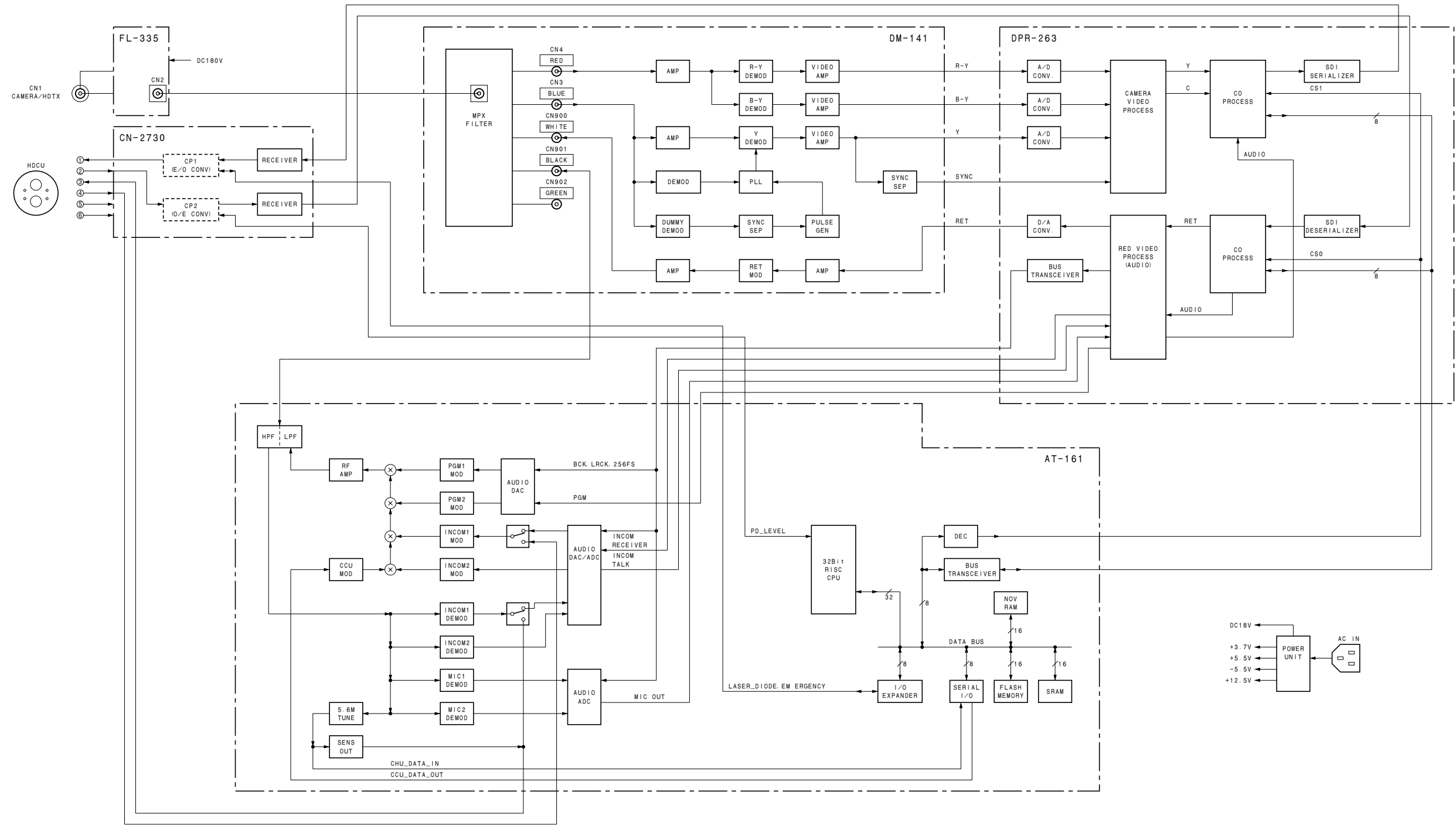
外観やインデックスマークの表示方法が実物と異なる場合があります。

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。

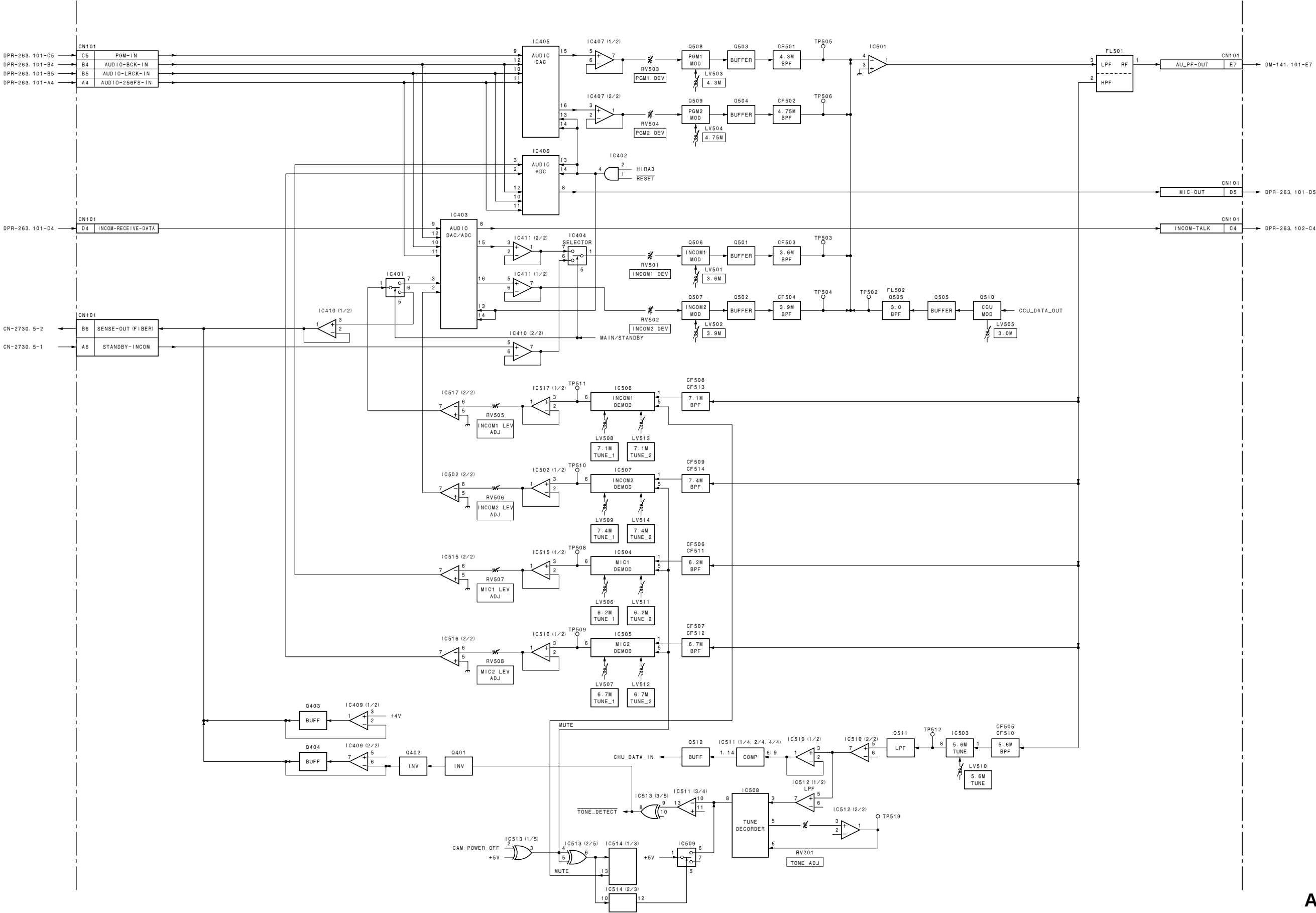
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02DZ4.7-TPH3	DC008-04	2SA1213Y-TE12L	TC002-01
02DZ6.8-TPH3	DC008-04	2SA1226-E4	TC001-01
		2SA1226-T1E3E4	TC001-01
1SS123-T1	DC001-01	2SA1610-T1Y34	TC001-01
1SS226	DC001-01	2SA1610-Y33	TC001-01
1SS300-TE85L	DC001-02	2SA1611-T1M7	TC001-01
1SS302	DC001-01	2SA1611M6	TC001-01
1SS302-TE85L	DC001-01	2SA1615-Z-K	TC010-02
1SS313-TE85L	DC001-02	2SA1774R	TC001-01
1SV172	DC001-01	2SB624-BV5	TC001-01
1SV172-TE85L	DC001-01	2SB624-T1BV5	TC001-01
		2SC4176-B34	TC001-02
FMP1	DC014-01	2SC4176T1B33B34B35	TC001-02
		2SC4177	TC001-02
HVU363ATRU	DC008-02	2SC4177-L5	TC001-02
		2SC4215Y	TC001-02
MA3J74200LSO	DC001-01	2SC4617R	TC001-02
MA728	DC008-01	2SD1623-S	TC002-02
MA728-TX	DC008-01	2SK880GR-TE85L	TC001-05
RB060L-40TE25	DC007-01	DTA114EE	TC001-04
RD12SB-T1	DC008-04	DTA123JE-TL	TC001-04
RD2.0SB-T1	DC008-04	DTC114EE	TC001-03
RD3.3SB	DC008-04	DTC144EE	TC001-03
RD3.3SB-T1	DC008-04	DTC144EE-TL	TC001-03
		SI4431DY-T1	TC012-04
		XN6435	TC006-01
		XN6435-TX	TC006-01
		XN6534	TC006-02
LED	Page or ID No.		
CL-220HR-C-TU	LC008-04		
FRDG1211C-TR	LC009-05		

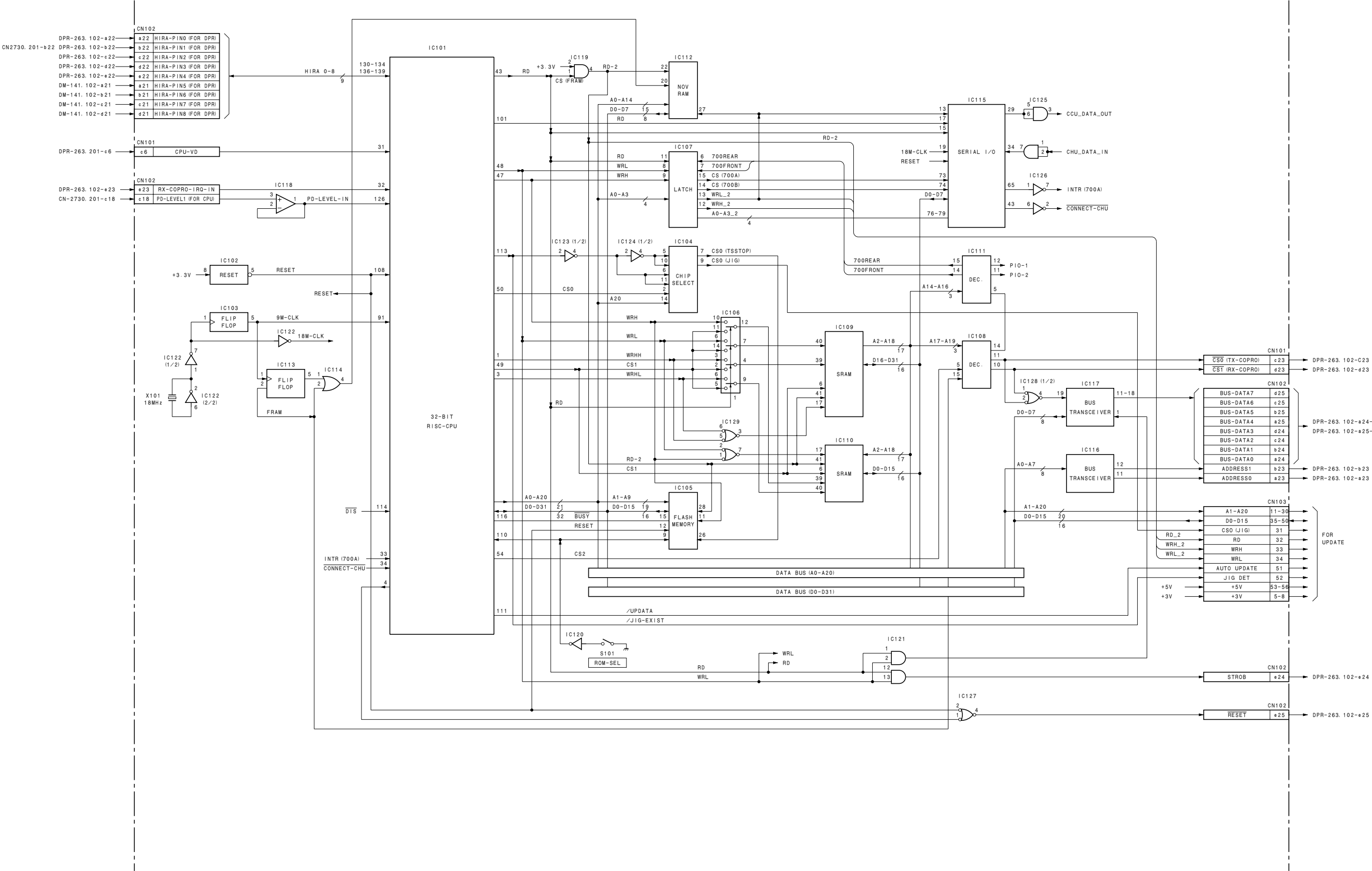
IC	Page or ID No.	IC	Page or ID No.
74LCX02MTCX	TC74HC02P	SN74LVC574APWR	TC74HC574P
74LCX04MTCX	TC74HC04P	TC4W53FU(TE12R)	TC4W53FU
74LCX08MTCX	TC74HC08P	TC4W53FU	TC4W53FU
74VHC00MTCX	TC74HC00P	TC74HC4053AFT(EL)	MC74HC4053F
74VHC02MTCX	TC74HC02P	TC74HC4538AFT(EL)	MC74HC4538N
74VHC08MTCX	TC74HC08P	TC74HC4538AFT	MC74HC4538N
74VHC123AMTCX	TC74HC123P	TC74VHC157FT(EL)	TC74HC157P
74VHC221AMTCX	TC74HC221P	TC74VHC573FT(EL)	TC74HC573F
74VHC245MTCX	TC74HC245P	TC7S66FU	SC14S66F
74VHC32MTCX	TC74HC32P	TC7SZ04FU(TE85R)	TC7S04F
74VHC74MTCX	TC74HC74P	TC7SZ08FU(TE85R)	TC7S08F
74VHC86MTCX	TC74HC86P	TC7W53FU(TE12R)	TC4W53FU
AD8014ART-REEL7	AD8055ART-REEL7	TC7W53FU-TE12R	TC4W53FU
AD8041AR	AD8041AR	TC7WH04FU(TE12R)	TC7W04F
AD9203ARU-RL7	AD9203ARU-RL7	TC7WH08FU(TE12R)	TC7W08F
AK4550VT-E2	AK4550VT-E2	TC7WH74FU(TE12R)	TC7W74FU
CXA1521M	CXA1521M	TLC272CPWR	RC4558
CXA1521M-TH	CXA1521M	TLC272CPWR-12	RC4558
CXD1095BR	CXD1095AR	TLC27M2CPSR	RC4558
CXD2315Q-T4	CXD2306Q	TLC2932IPWR	TLC2932IPW
CXD9093R	CXD9093R	TLC2934IPWR	TLC2934IPWR
CXD9144R	CXD9000CR	TLC7733IPWR-12	TLC7733IPWR
EPC2LC20-TP	EPC2LC20	UPC319G2-E2	UPC319C
EPC2LC20N-TP	EPC2LC20	UPC393G2	UA393DC
FM18L08-70-STR	FM1808-70-STR		
HD6437043AP00F	HD6437043AP00F		
IC61LV6416-15TG(T&R)	IS61LV6416-15T_ICSI		
LA1235	LA1235		
LM339NS	LM339		
LM4040AIM3-2.5	LM4040BIM3		
LT1431CS8-E1	LT1431CS8-E1		
LTC1772CS6	LTC1772CS6		
MC100LVEL16DTR2	MC10EL16DR2		
MC14520BF	MC14520BCP		
MC74HC4046ADTR2	CD4046BE		
NC7SZ04P5X	TC7S04F		
NJM062V(TE2)	RC4558		
NJM062V(TE2)	RC4558		
NJM062V-TE2	RC4558		
NJM1496V	MC1496P		
NJM1496V-TE2	MC1496P		
NJM2903V(TE2)	UA393DC		
NJM3414AM-TE2	RC4558		
NJM567M	NJM567M		
NJU7034V-TE2	NJU7024M		
SN74CBT3253PWR-12	SN74CBT3253PW-E20		
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SN74LVC138APWR-12	TC74HC138P		
SN74LVC244APWR	TC74HC244P		

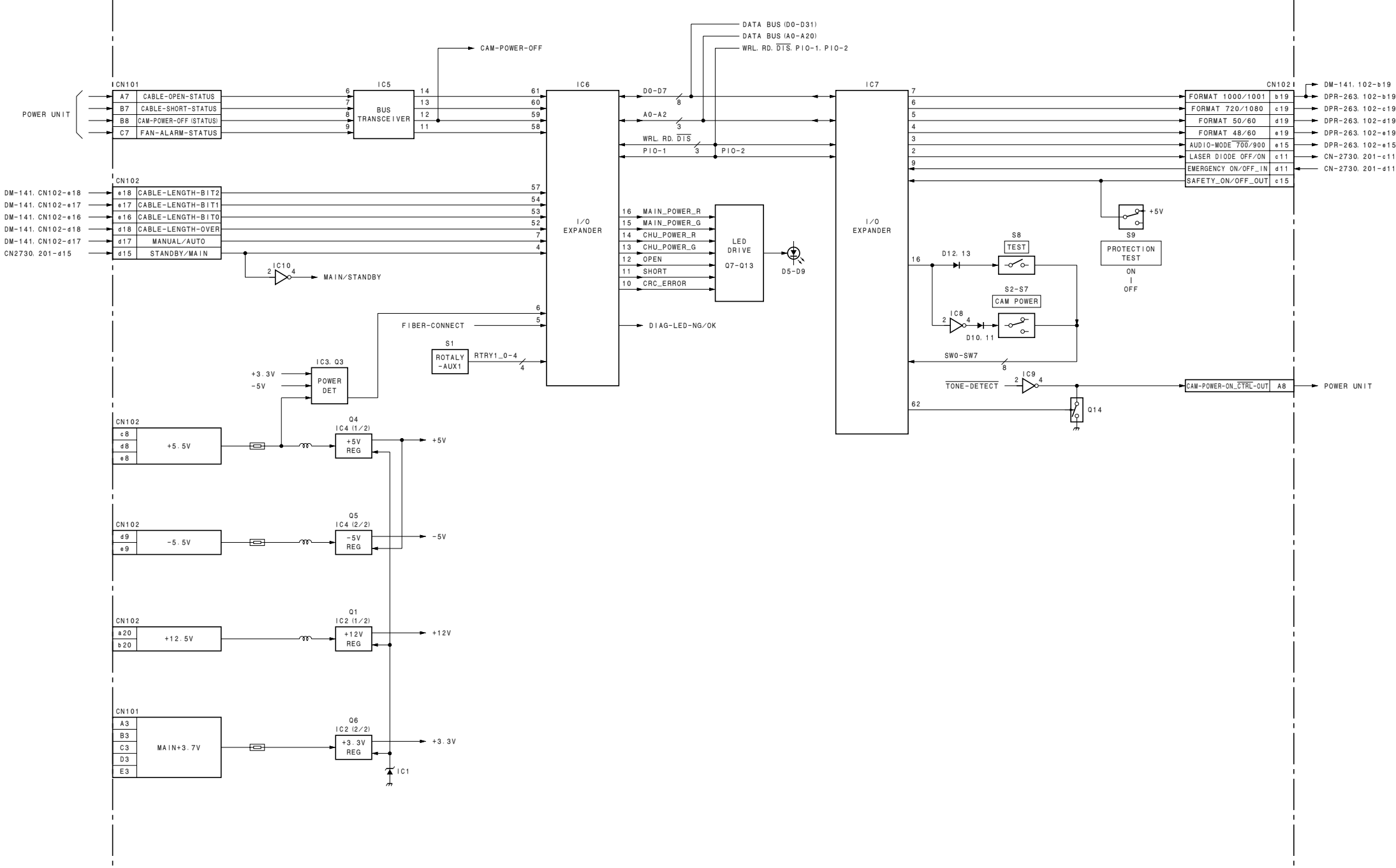
Section 5
Block Diagrams

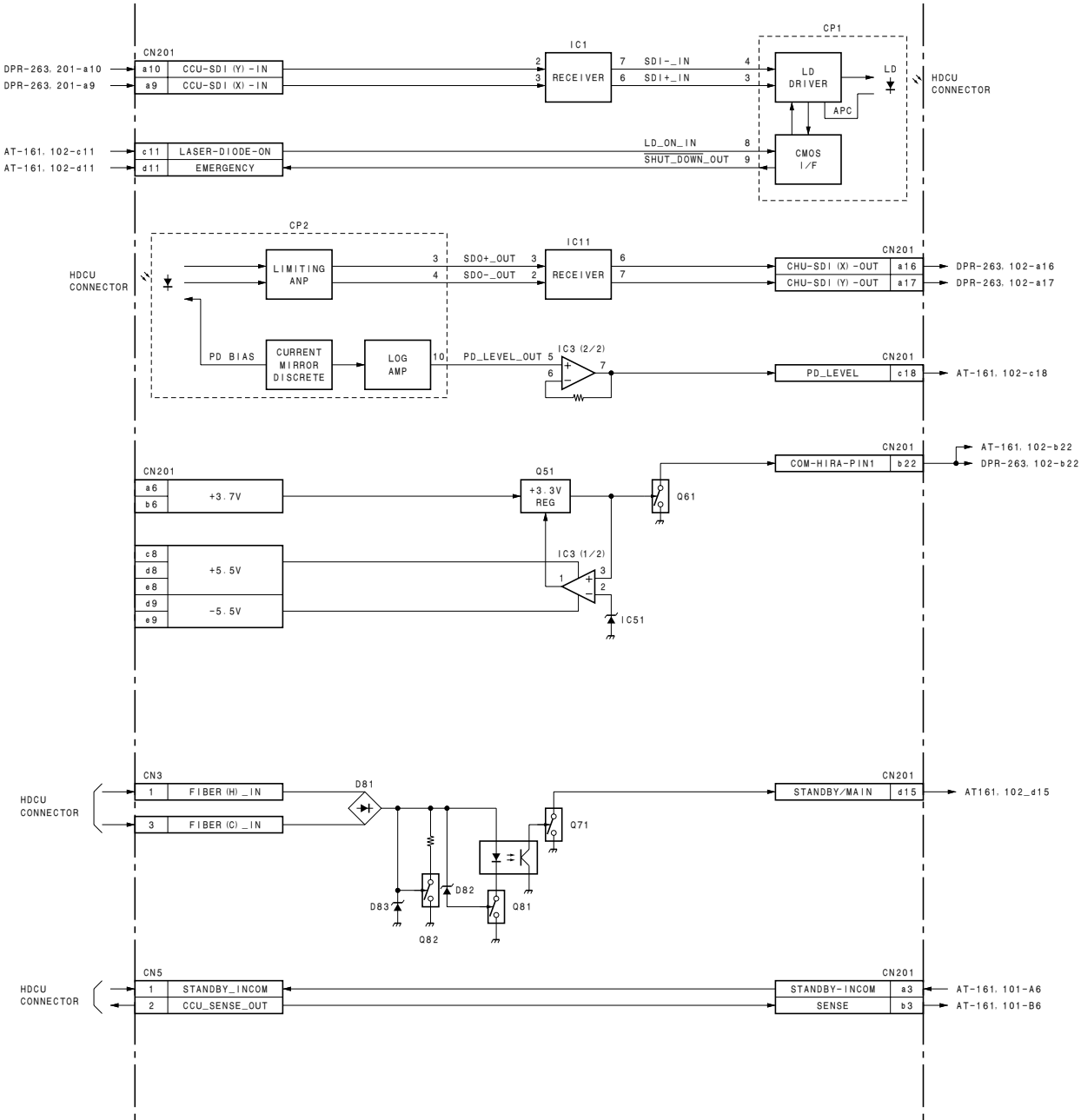


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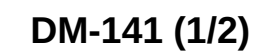


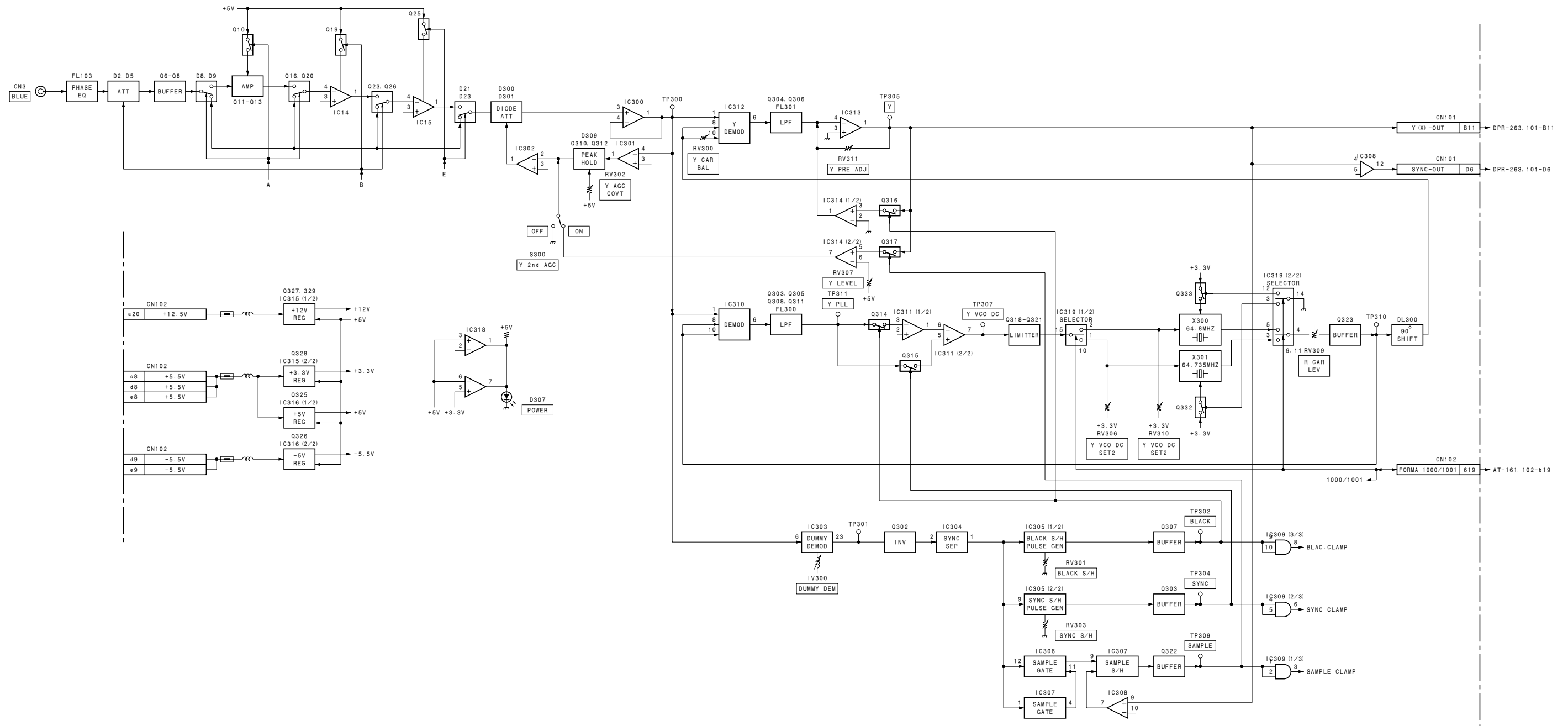


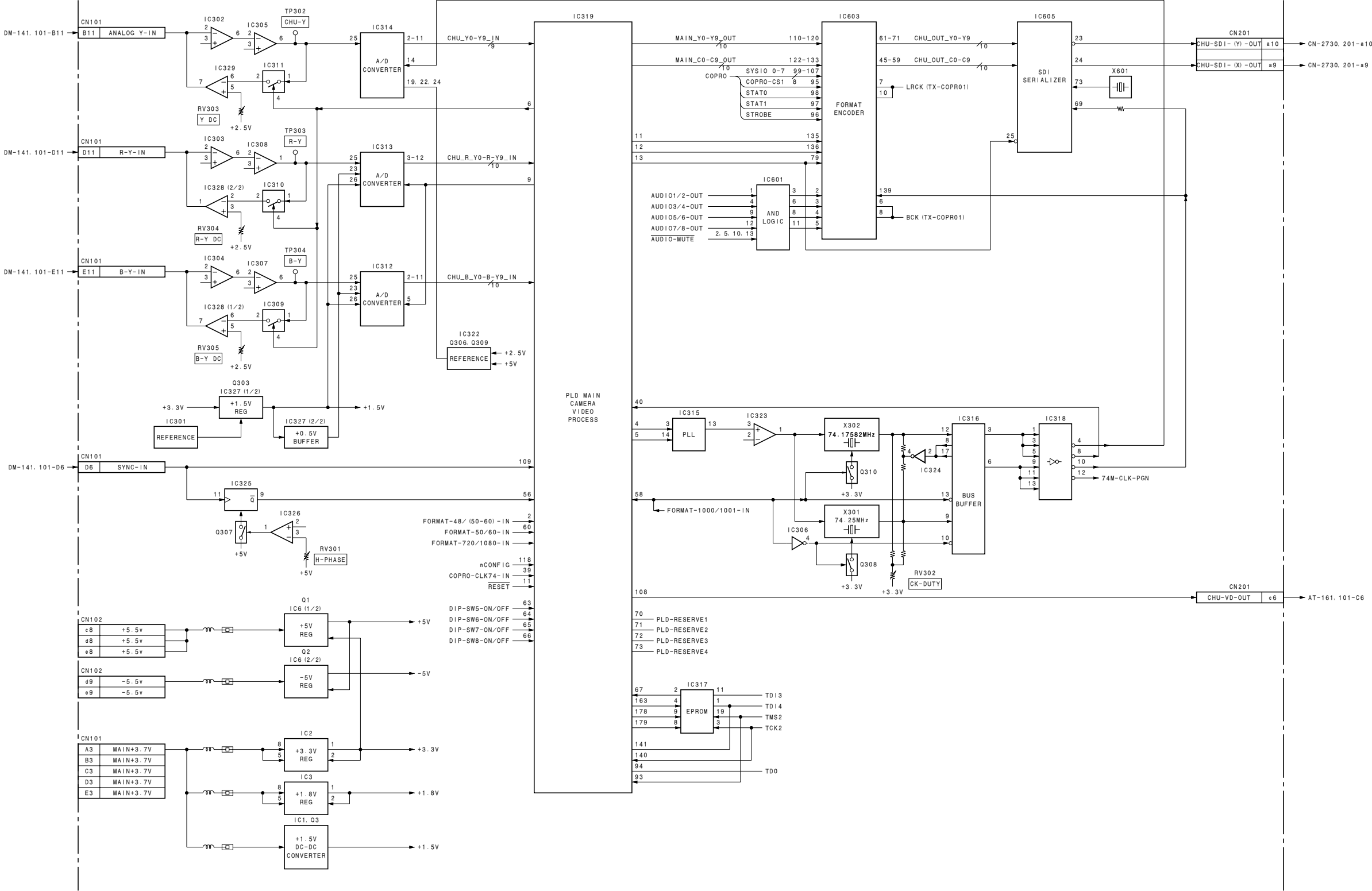


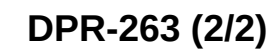


CN-2730



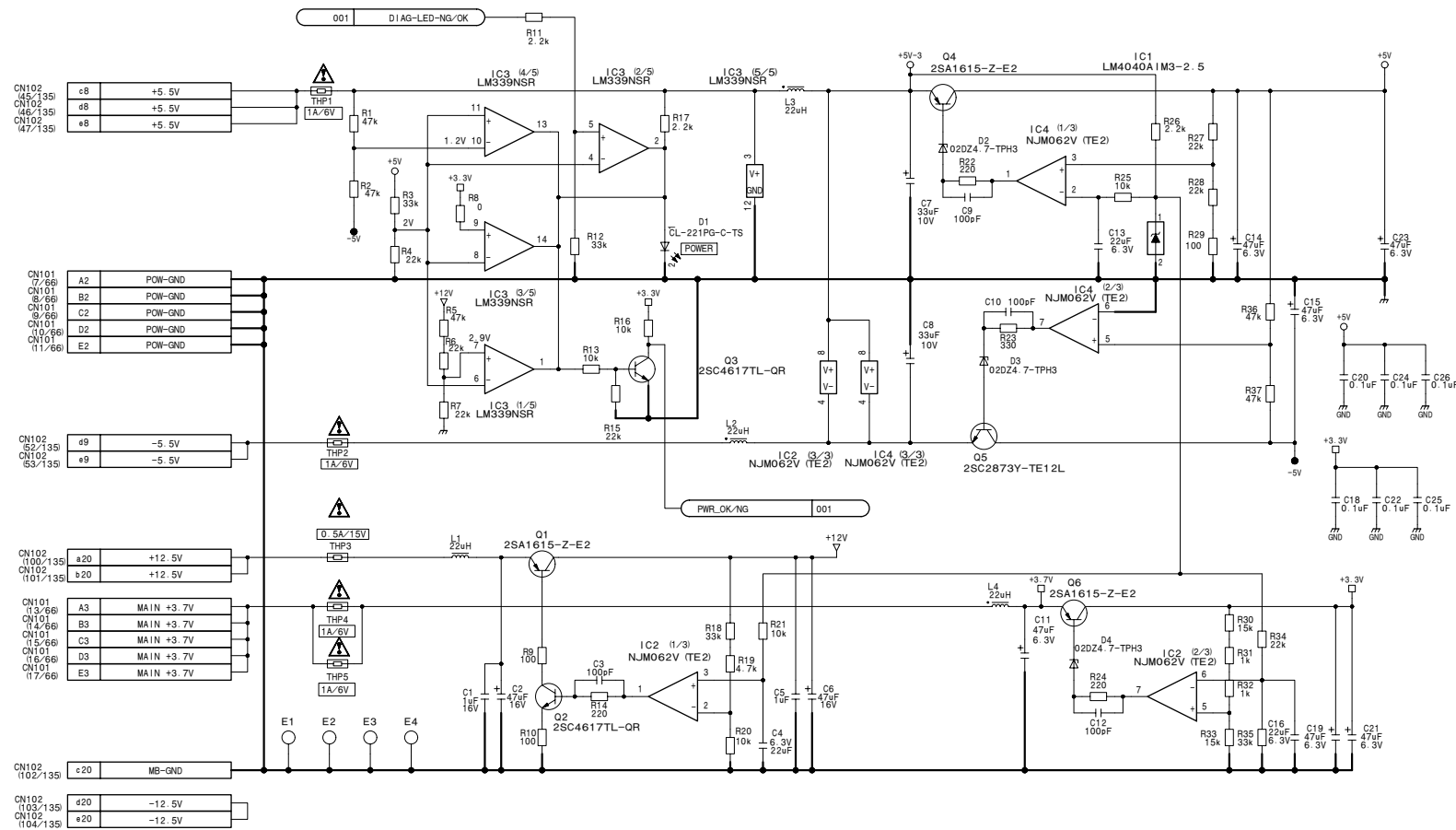






Section 6
Schematic Diagrams

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A. AT-161	6-2
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D. DM-141	6-12
DPR-263	6-19
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Frame Wiring	6-29
M. MB-1056	6-28



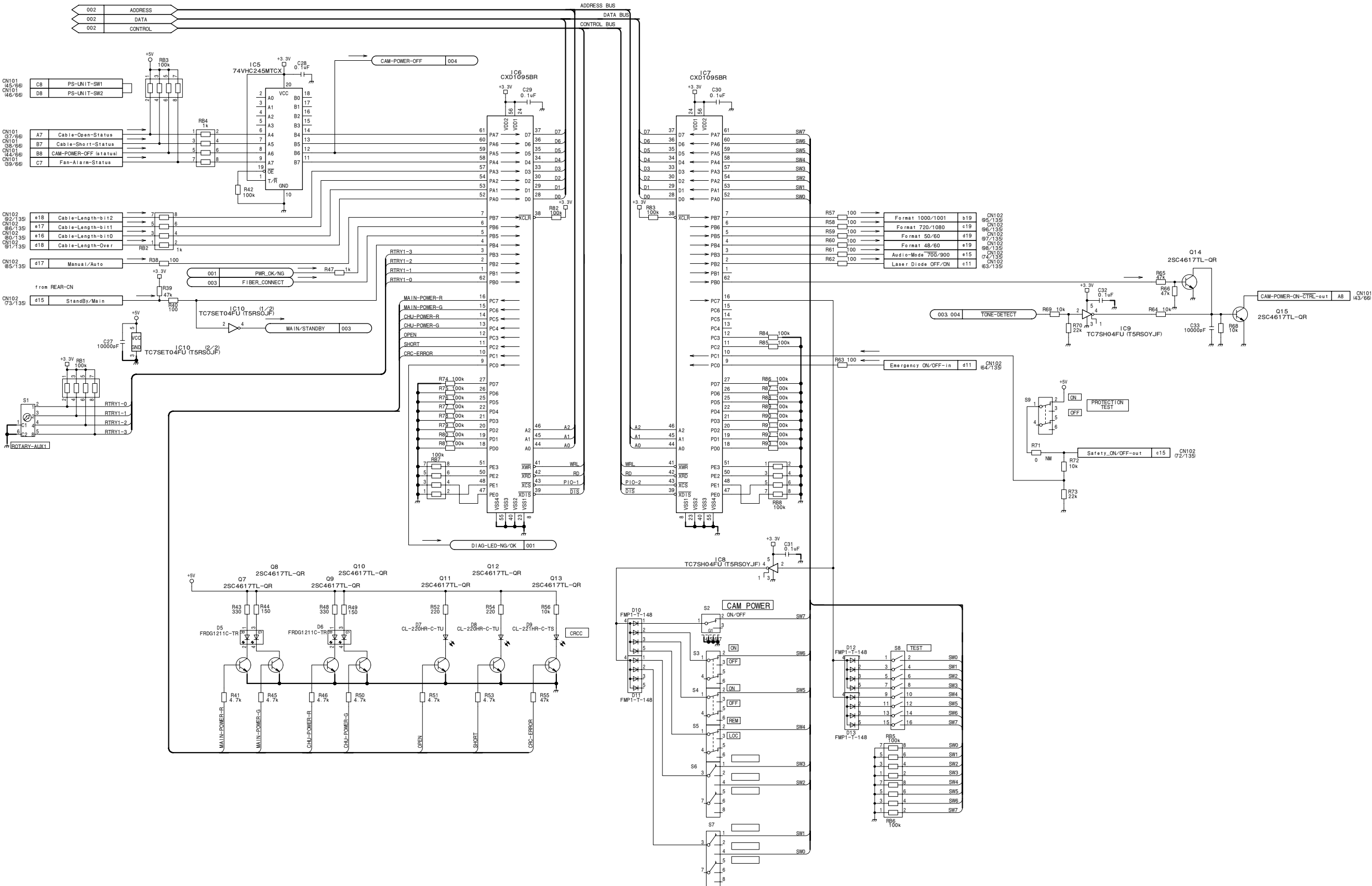
CN101 1/66	A1	NOT USE PIN
CN101 2/66	B1	NOT USE PIN
CN101 3/66	C1	NOT USE PIN
CN101 4/66	D1	NOT USE PIN
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CN101 6/66	F1	NOT USE PIN
CN101 7/66	A5	NOT USE PIN
CN101 8/66	E5	NOT USE PIN
CN101 9/66	D6	NOT USE PIN
CN101 10/66	A9	NOT USE PIN
CN101 11/66	B9	NOT USE PIN
CN101 12/66	C9	NOT USE PIN
CN101 13/66	D9	NOT USE PIN
CN101 14/66	E9	NOT USE PIN
CN101 15/66	A10	NOT USE PIN
CN101 16/66	B10	NOT USE PIN
CN101 17/66	C10	NOT USE PIN
CN101 18/66	D10	NOT USE PIN
CN101 19/66	E10	NOT USE PIN
CN101 20/66	A11	NOT USE PIN
CN101 21/66	B11	NOT USE PIN
CN101 22/66	C11	NOT USE PIN
CN101 23/66	D11	NOT USE PIN
CN101 24/66	E11	NOT USE PIN

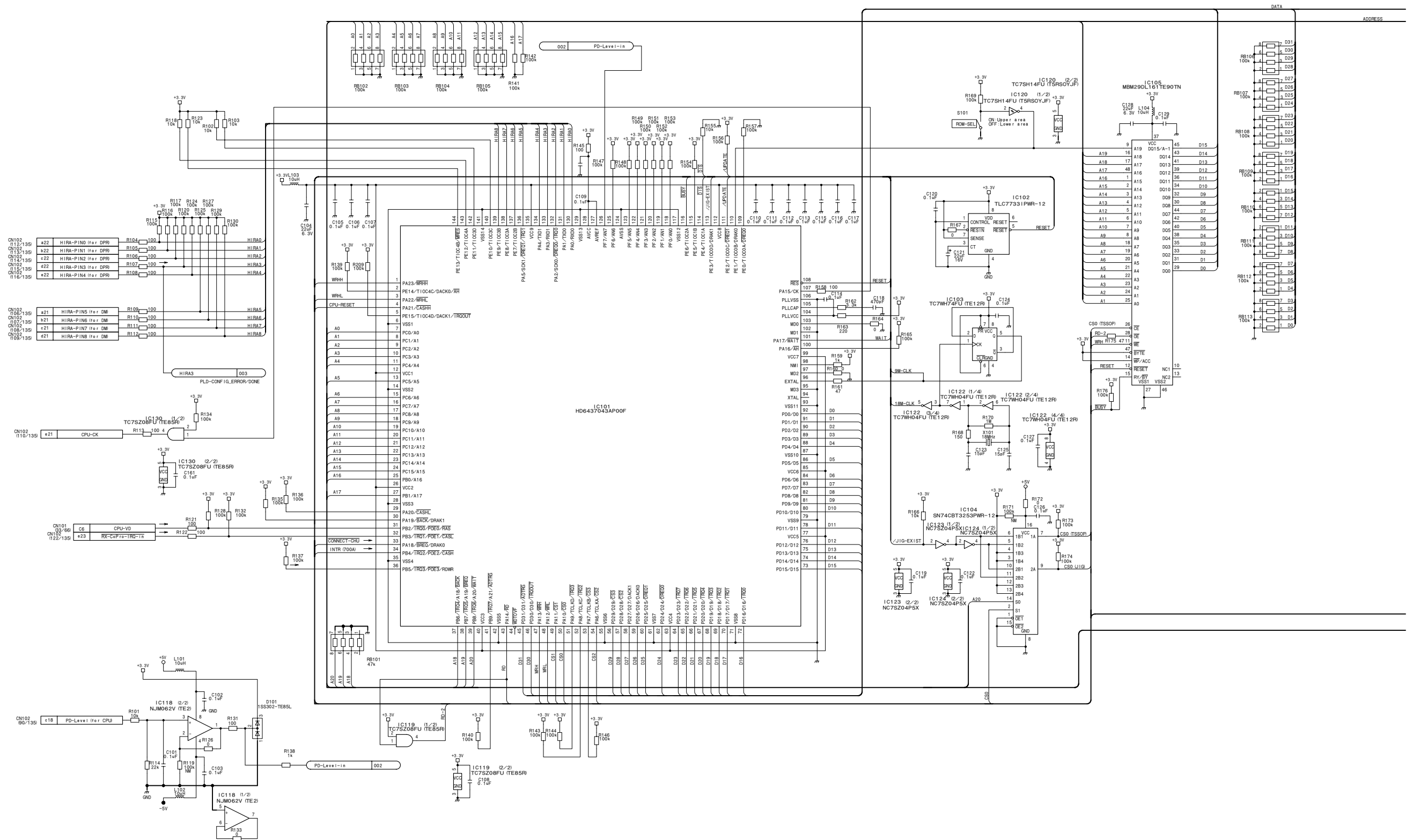
CN102 1/135	a1	NOT USE PIN
CN102 2/135	b1	NOT USE PIN
CN102 3/135	c1	NOT USE PIN
CN102 4/135	d1	NOT USE PIN
CN102 5/135	e1	NOT USE PIN
CN102 6/135	a2	NOT USE PIN
CN102 7/135	b2	NOT USE PIN
CN102 8/135	c2	NOT USE PIN
CN102 9/135	d2	NOT USE PIN
CN102 10/135	e2	NOT USE PIN
CN102 11/135	a3	NOT USE PIN
CN102 12/135	b3	NOT USE PIN
CN102 13/135	c3	NOT USE PIN
CN102 14/135	d3	NOT USE PIN
CN102 15/135	e3	NOT USE PIN
CN102 16/135	a4	NOT USE PIN
CN102 17/135	b4	NOT USE PIN
CN102 18/135	c4	NOT USE PIN
CN102 19/135	d4	NOT USE PIN
CN102 20/135	e4	NOT USE PIN
CN102 21/135	a5	NOT USE PIN
CN102 22/135	b5	NOT USE PIN
CN102 23/135	c5	NOT USE PIN
CN102 24/135	d5	NOT USE PIN
CN102 25/135	e5	NOT USE PIN
CN102 26/135	a6	NOT USE PIN
CN102 27/135	b6	NOT USE PIN
CN102 28/135	c6	NOT USE PIN
CN102 29/135	d6	NOT USE PIN
CN102 30/135	e6	NOT USE PIN
CN102 31/135	a7	NOT USE PIN
CN102 32/135	b7	NOT USE PIN
CN102 33/135	c7	EX-854 GND PIN
CN102 34/135	d7	NOT USE PIN
CN102 35/135	e7	NOT USE PIN
CN102 36/135	a8	NOT USE PIN
CN102 37/135	b8	NOT USE PIN
CN102 38/135	c8	NOT USE PIN
CN102 39/135	d8	NOT USE PIN
CN102 40/135	e8	NOT USE PIN
CN102 41/135	a9	NOT USE PIN
CN102 42/135	b9	NOT USE PIN
CN102 43/135	c9	NOT USE PIN
CN102 44/135	d9	NOT USE PIN
CN102 45/135	e9	NOT USE PIN
CN102 46/135	a10	NOT USE PIN
CN102 47/135	b10	NOT USE PIN
CN102 48/135	c10	EX-854 GND PIN
CN102 49/135	d10	NOT USE PIN
CN102 50/135	e10	NOT USE PIN
CN102 51/135	a11	NOT USE PIN
CN102 52/135	b11	NOT USE PIN

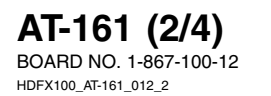
CN102 65/135	e11	EX-854 GND PIN
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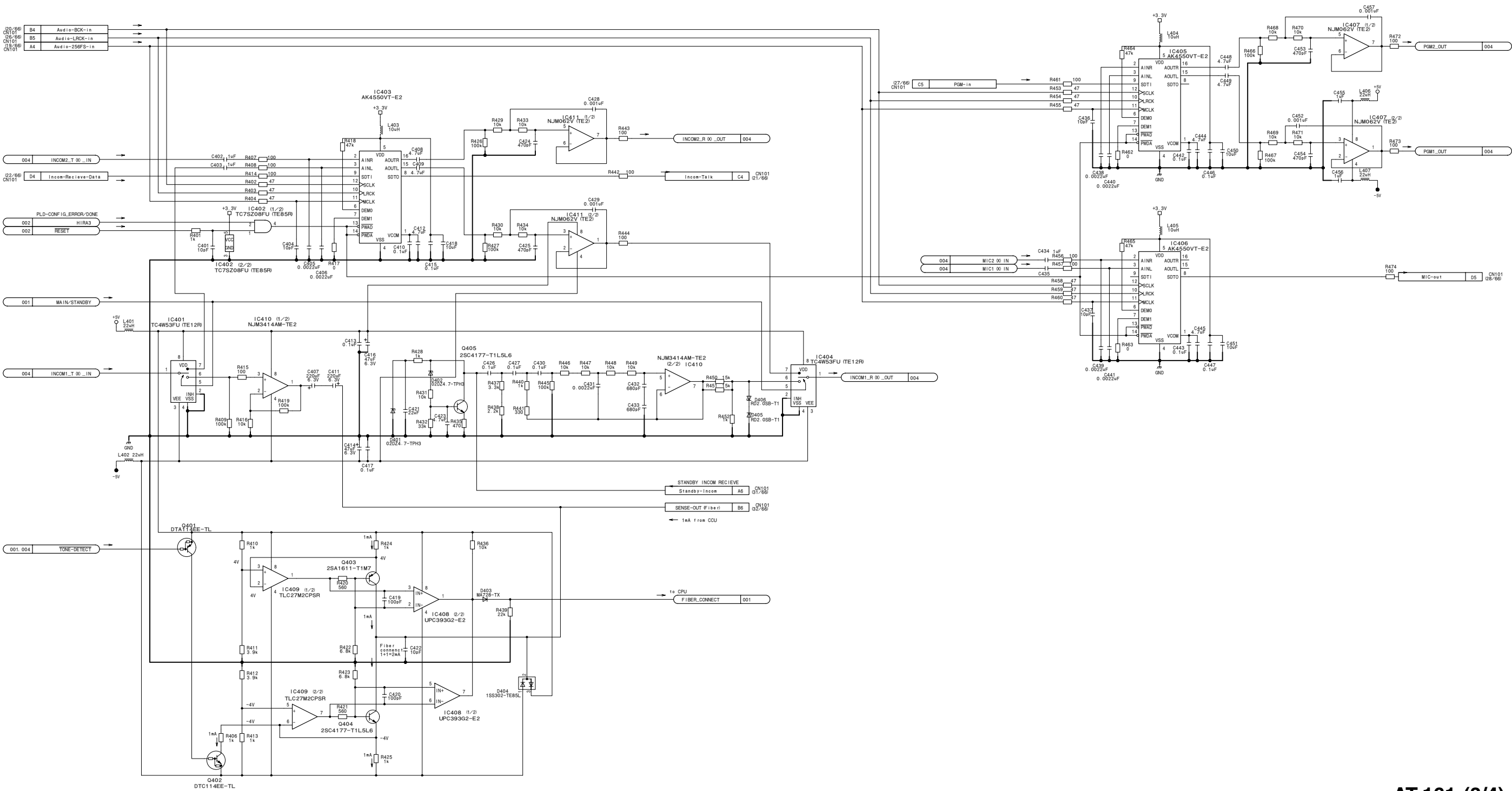
CN102 70/135	a15	NOT USE PIN
CN102 71/135	b15	NOT USE PIN

CN102 76/135	a16	NOT USE PIN
CN102 77/135	b16	NOT USE PIN
CN102 78/135	c16	NOT USE PIN
CN102 79/135	d16	NOT USE PIN
CN102 80/135	e16	NOT USE PIN
CN102 81/135	a17	NOT USE PIN
CN102 82/135	b17	NOT USE PIN
CN102 83/135	c17	NOT USE PIN
CN102 84/135	d17	NOT USE PIN
CN102 85/135	e17	NOT USE PIN
CN102 86/135	a18	NOT USE PIN
CN102 87/135	b18	NOT USE PIN
CN102 88/135	c18	NOT USE PIN
CN102 89/135	d18	NOT USE PIN
CN102 90/135	e18	NOT USE PIN

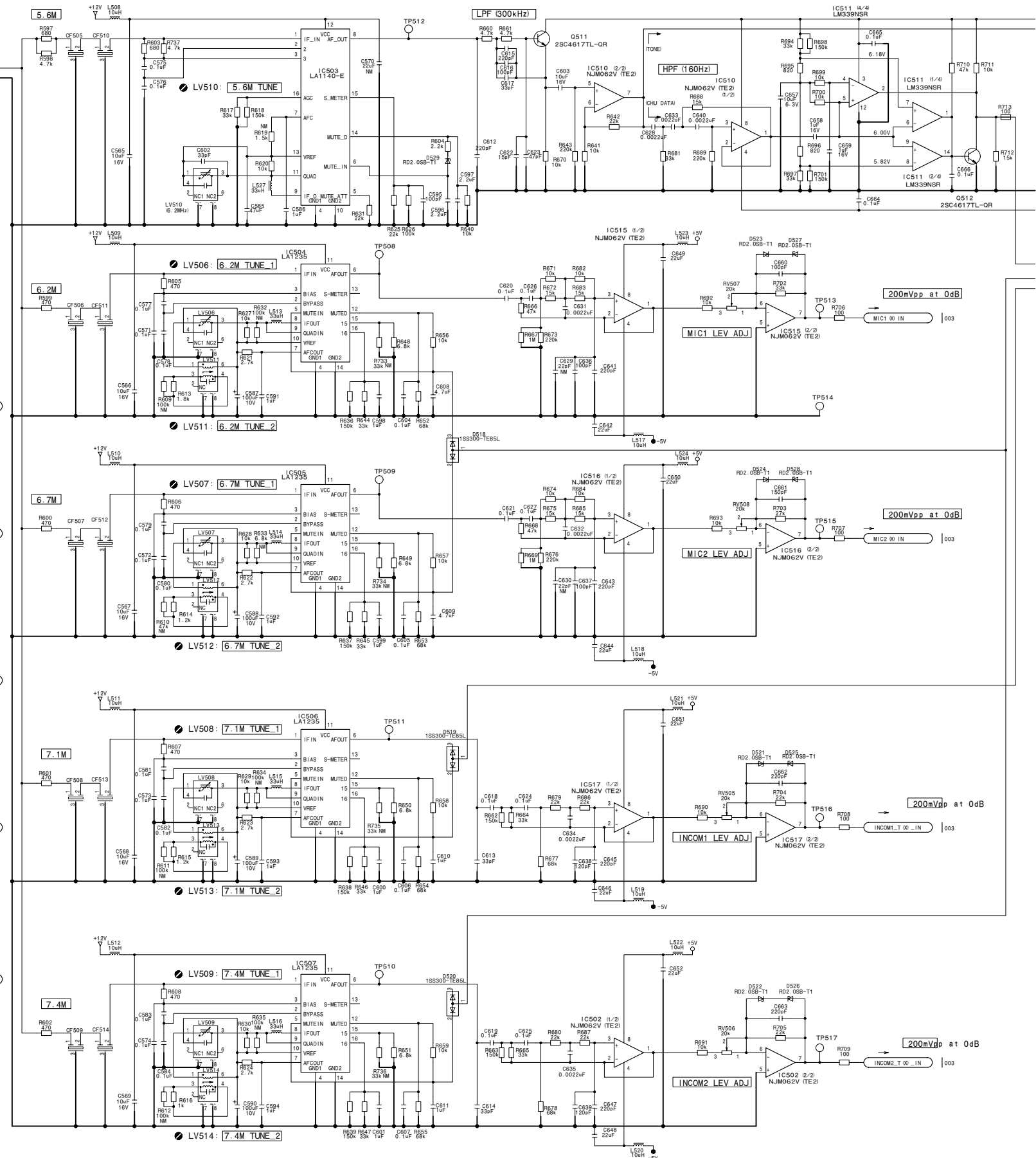
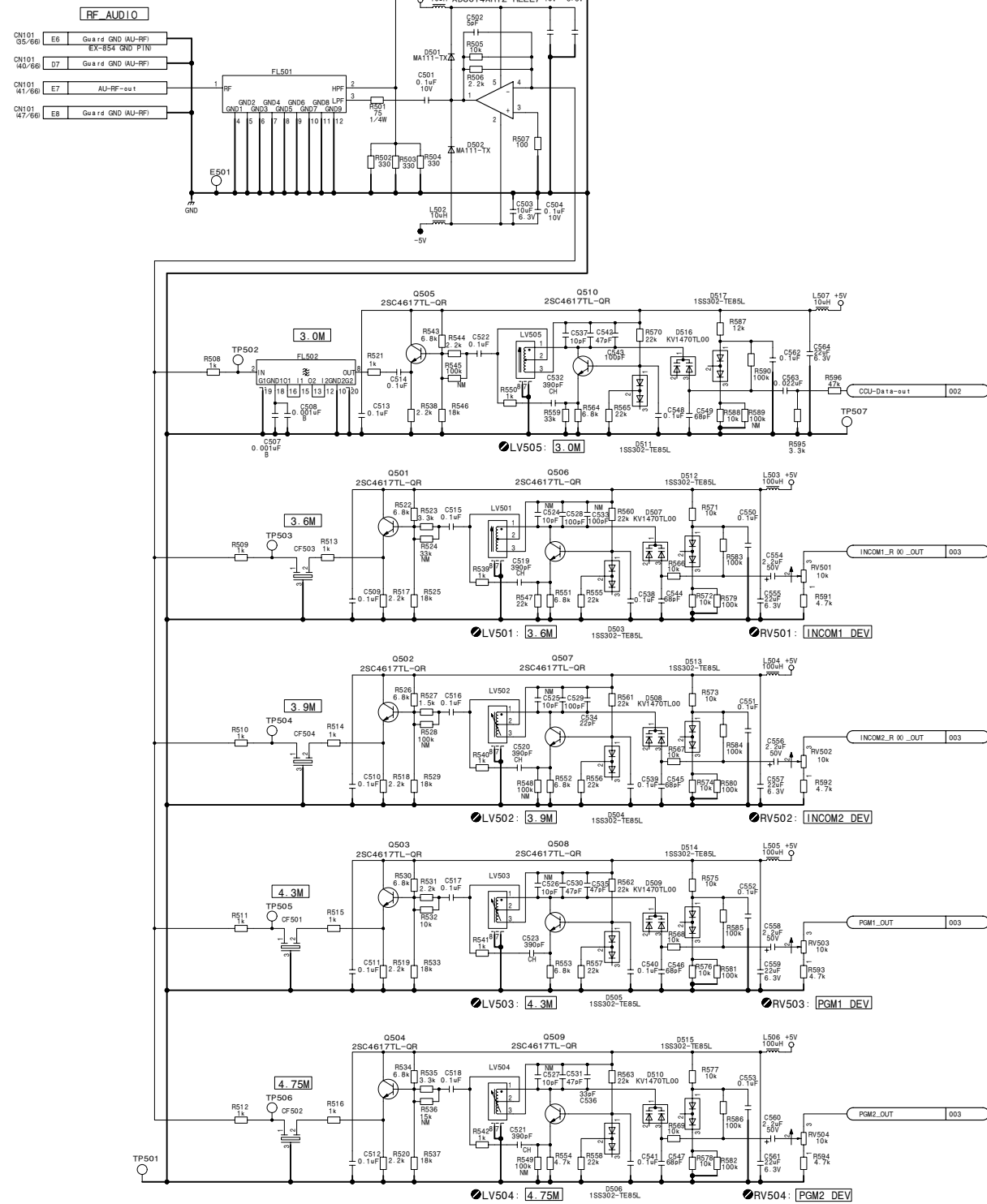


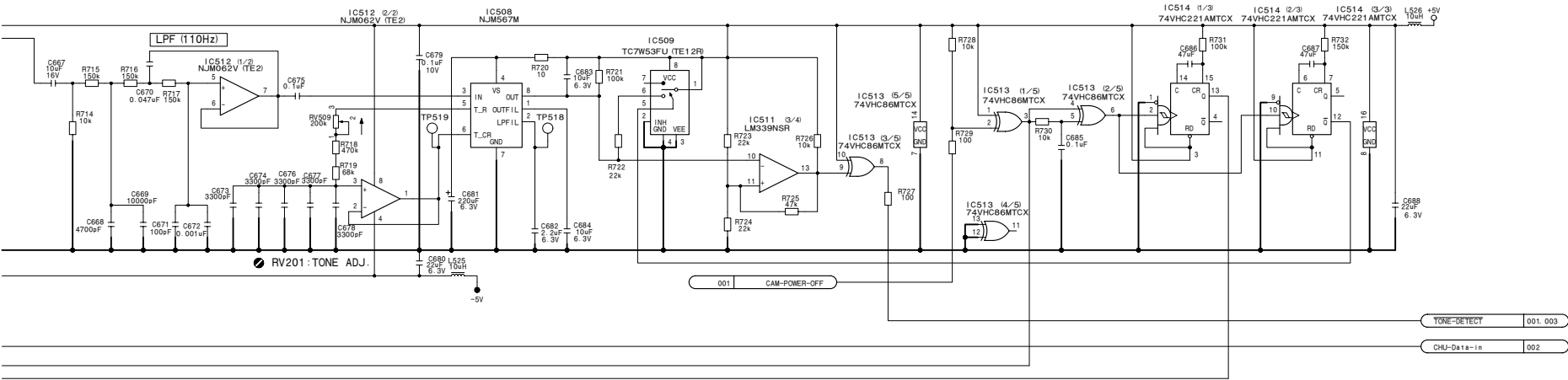


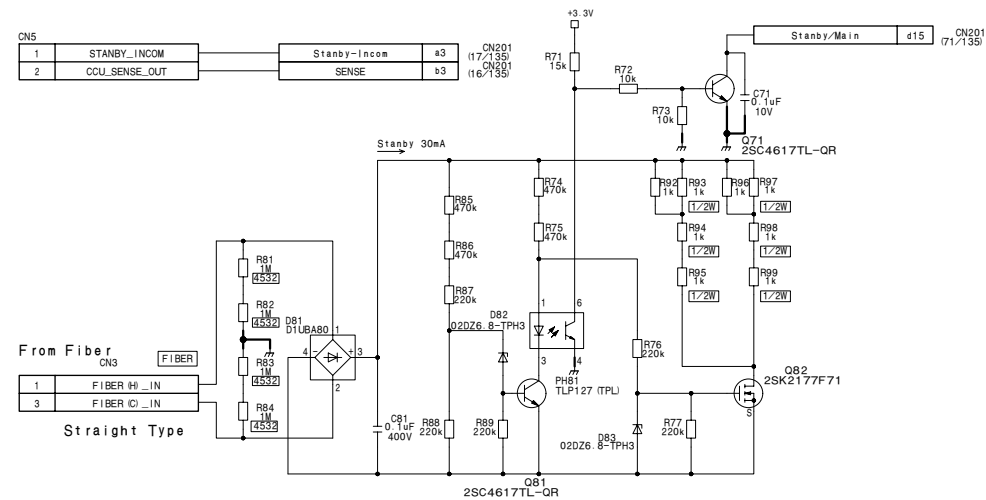
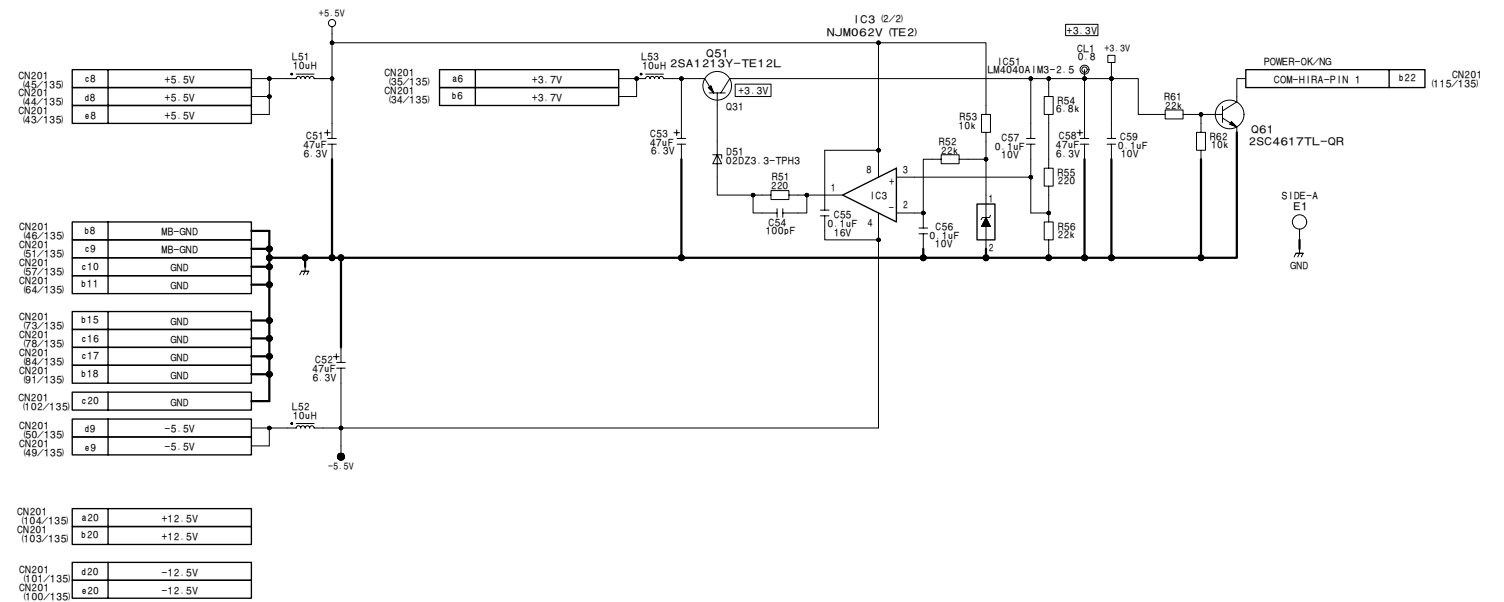


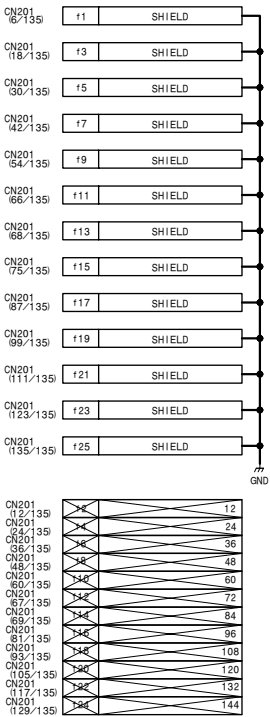


AT-161 (3/4)
BOARD NO. 1-867-100-12
HDFX100_AT-161_012_3









NOT_USE_P1N1	a1
NOT_USE_P1N1	a2
NOT_USE_P1N1	a4
NOT_USE_P1N1	a5
NOT_USE_P1N1	a7
NOT_USE_P1N1	a19
NOT_USE_P1N1	a21
COM-H1RA-P1N0	a22
Address-BUS0	a23
Data-BUS0	a24
Data-BUS04	a25
NOT_USE_P1N1	b1
NOT_USE_P1N1	b2
NOT_USE_P1N1	b4
NOT_USE_P1N1	b5
NOT_USE_P1N1	b7
Format-1000/1001	b19
NOT_USE_P1N1	b21

Address-BUS1	b23
Data-BUS1	b24
Data-BUS5	b25
NOT_USE_P1N1	c1
NOT_USE_P1N1	c2
NOT_USE_P1N1	c3
NOT_USE_P1N1	c4
NOT_USE_P1N1	c5
NOT_USE_P1N1	c6
NOT_USE_P1N1	c7
NOT_USE_P1N1	c15
Format-720/1080	c19
NOT_USE_P1N1	c21
COM-H1RA-P1N 2	c22
CS0	c23
Data-BUS2	c24
Data-BUS6	c25
NOT_USE_P1N1	d1
NOT_USE_P1N1	d2
NOT_USE_P1N1	d3
NOT_USE_P1N1	d4
NOT_USE_P1N1	d5
NOT_USE_P1N1	d6
NOT_USE_P1N1	d7
NOT_USE_P1N1	d10
NOT_USE_P1N1	d16
NOT_USE_P1N1	d17
NOT_USE_P1N1	d18
Format-50/60	d19
NOT_USE_P1N1	d21
COM-H1RA-P1N 3	d22
CS1	d23
Data-BUS3	d24
Data-BUS7	d25

CN201 (5/135)	
CN201 (11/135)	
CN201 (23/135)	
CN201 (29/135)	
CN201 (41/135)	
CN201 (49/135)	
CN201 (110/135)	
CN201 (116/135)	
CN201 (122/135)	
CN201 (128/135)	
CN201 (134/135)	
CN201 (14/135)	
CN201 (10/135)	
CN201 (22/135)	
CN201 (28/135)	
CN201 (40/135)	
CN201 (97/135)	
CN201 (109/135)	

CN201 (121/135)	
CN201 (127/135)	
CN201 (133/135)	
CN201 (3/135)	
CN201 (9/135)	
CN201 (15/135)	
CN201 (21/135)	
CN201 (27/135)	
CN201 (33/135)	
CN201 (39/135)	
CN201 (72/135)	
CN201 (96/135)	
CN201 (108/135)	
CN201 (114/135)	
CN201 (120/135)	
CN201 (126/135)	
CN201 (132/135)	
CN201 (2/135)	
CN201 (8/135)	
CN201 (14/135)	
CN201 (20/135)	
CN201 (26/135)	
CN201 (32/135)	
CN201 (38/135)	
CN201 (56/135)	
CN201 (77/135)	
CN201 (63/135)	
CN201 (69/135)	
CN201 (95/135)	
CN201 (107/135)	
CN201 (113/135)	
CN201 (119/135)	
CN201 (125/135)	
CN201 (131/135)	

CN201 (1/135)	e1	NOT_USE_P1N1
CN201 (7/135)	e2	NOT_USE_P1N1
CN201 (13/135)	e3	NOT_USE_P1N1
CN201 (19/135)	e4	NOT_USE_P1N1
CN201 (25/135)	e5	NOT_USE_P1N1
CN201 (31/135)	e6	NOT_USE_P1N1
CN201 (37/135)	e7	NOT_USE_P1N1
CN201 (55/135)	e10	NOT_USE_P1N1
CN201 (61/135)	e11	NOT_USE_P1N1
CN201 (70/135)	e15	AUTO-MODE-700/900
CN201 (76/135)	e16	NOT_USE_P1N1
CN201 (82/135)	e17	NOT_USE_P1N1
CN201 (88/135)	e18	NOT_USE_P1N1
CN201 (94/135)	e19	Format-48/ (50-60)
CN201 (106/135)	e21	NOT_USE_P1N1
CN201 (112/135)	e22	COM-H1RA-P1N4
CN201 (118/135)	e23	TRQ
CN201 (124/135)	e24	STROBE
CN201 (130/135)	e25	RESET

CN-2730

BOARD NO. 1-867-453-12
HDFX100_CN-2730_012_1

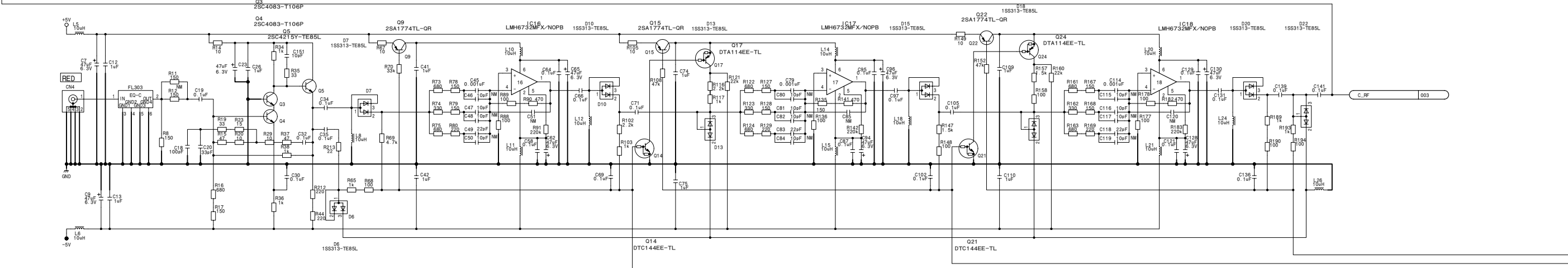
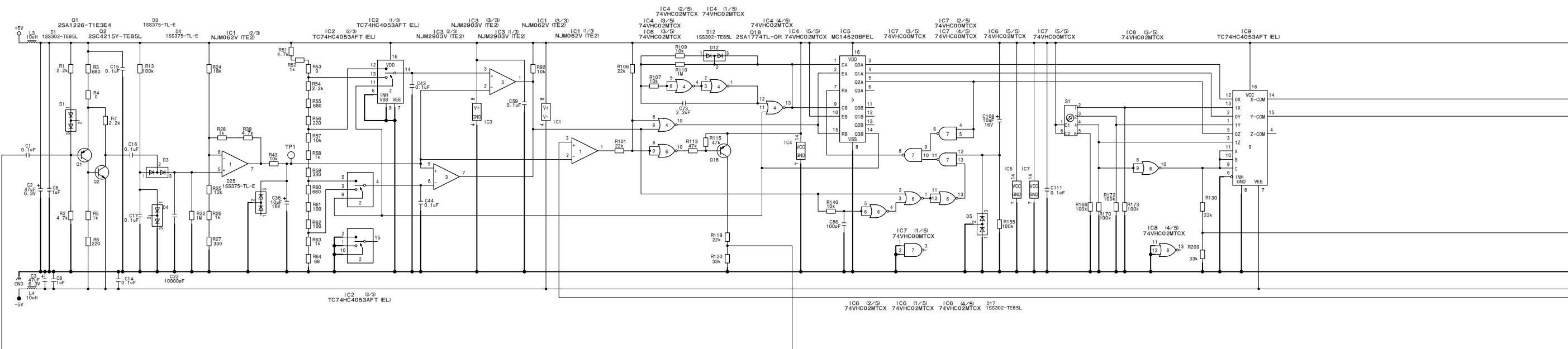
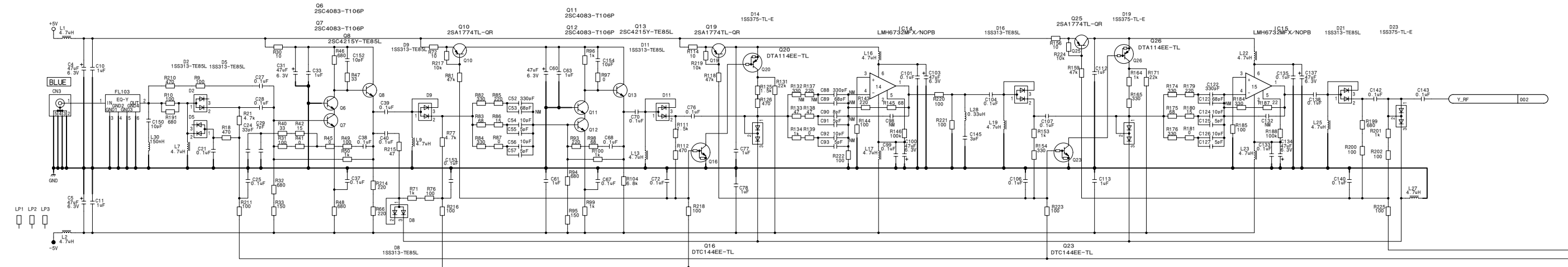
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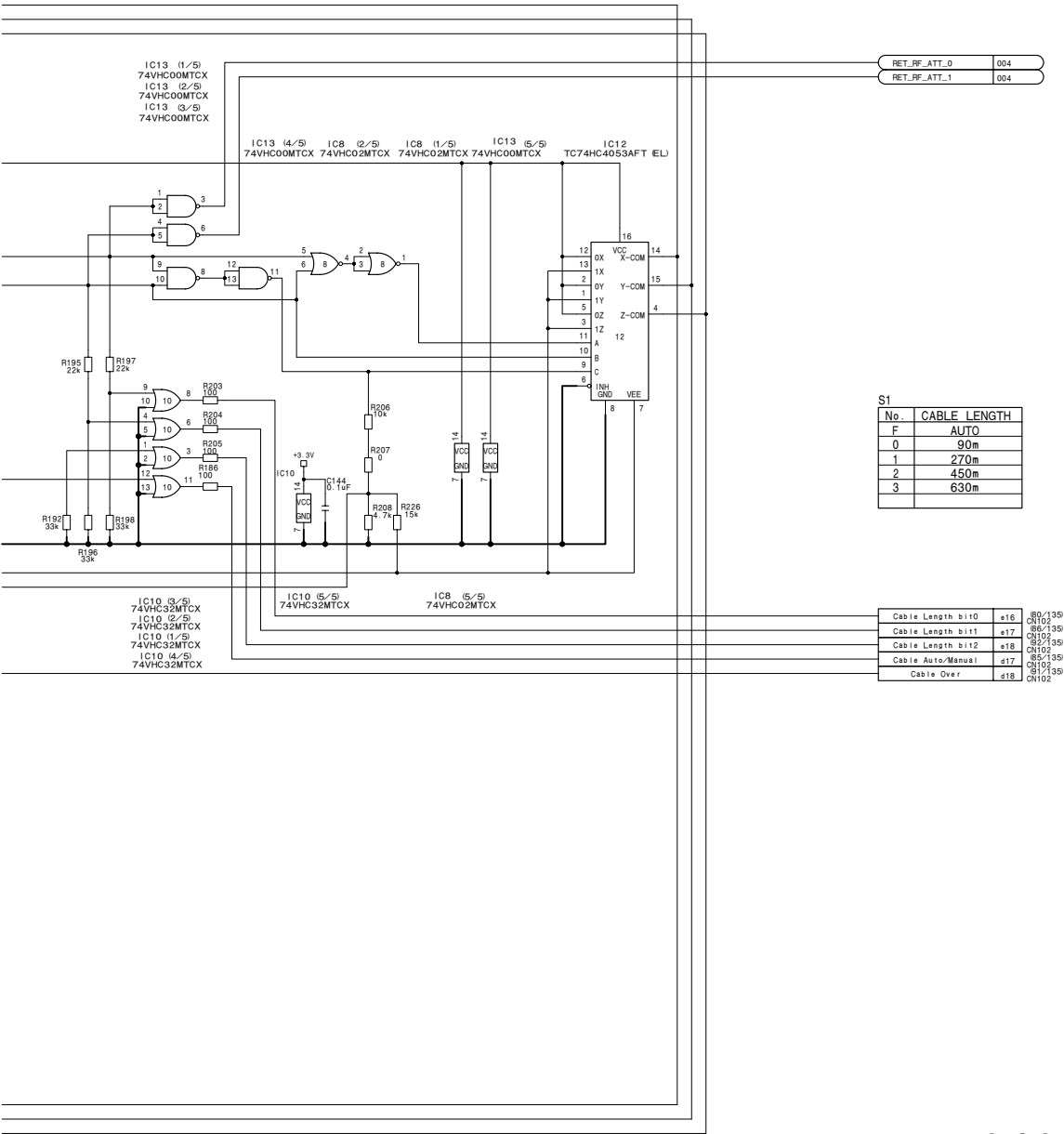
2

3

4

5



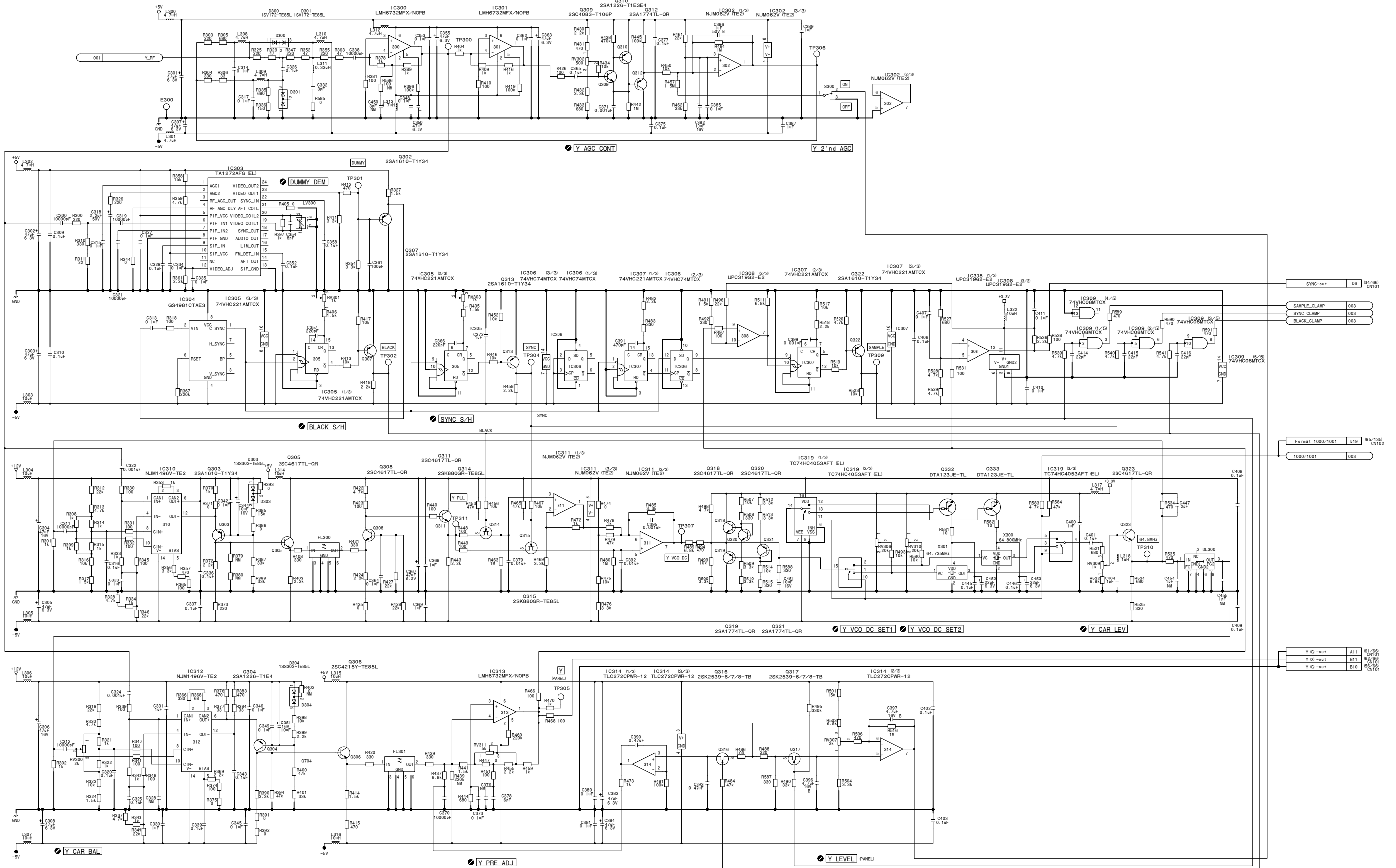


S1	
No	CABLE LENGTH
F	AUTO
0	90m
1	270m
2	450m
3	630m

Cable Length bit0	e18	80/135
Cable Length bit1	e17	80/135
Cable Length bit2	e16	80/135
Cable Length bit3	e15	80/135
Cable Length bit4	e14	80/135
Cable Length bit5	e13	80/135
Cable Length bit6	e12	80/135
Cable Length bit7	e11	80/135
Cable Length bit8	e10	80/135
Cable Length bit9	e9	80/135
Cable Length bit10	e8	80/135
Cable Length bit11	e7	80/135
Cable Length bit12	e6	80/135
Cable Length bit13	e5	80/135
Cable Length bit14	e4	80/135
Cable Length bit15	e3	80/135
Cable Length bit16	e2	80/135
Cable Length bit17	e1	80/135
Cable Length bit18	e0	80/135

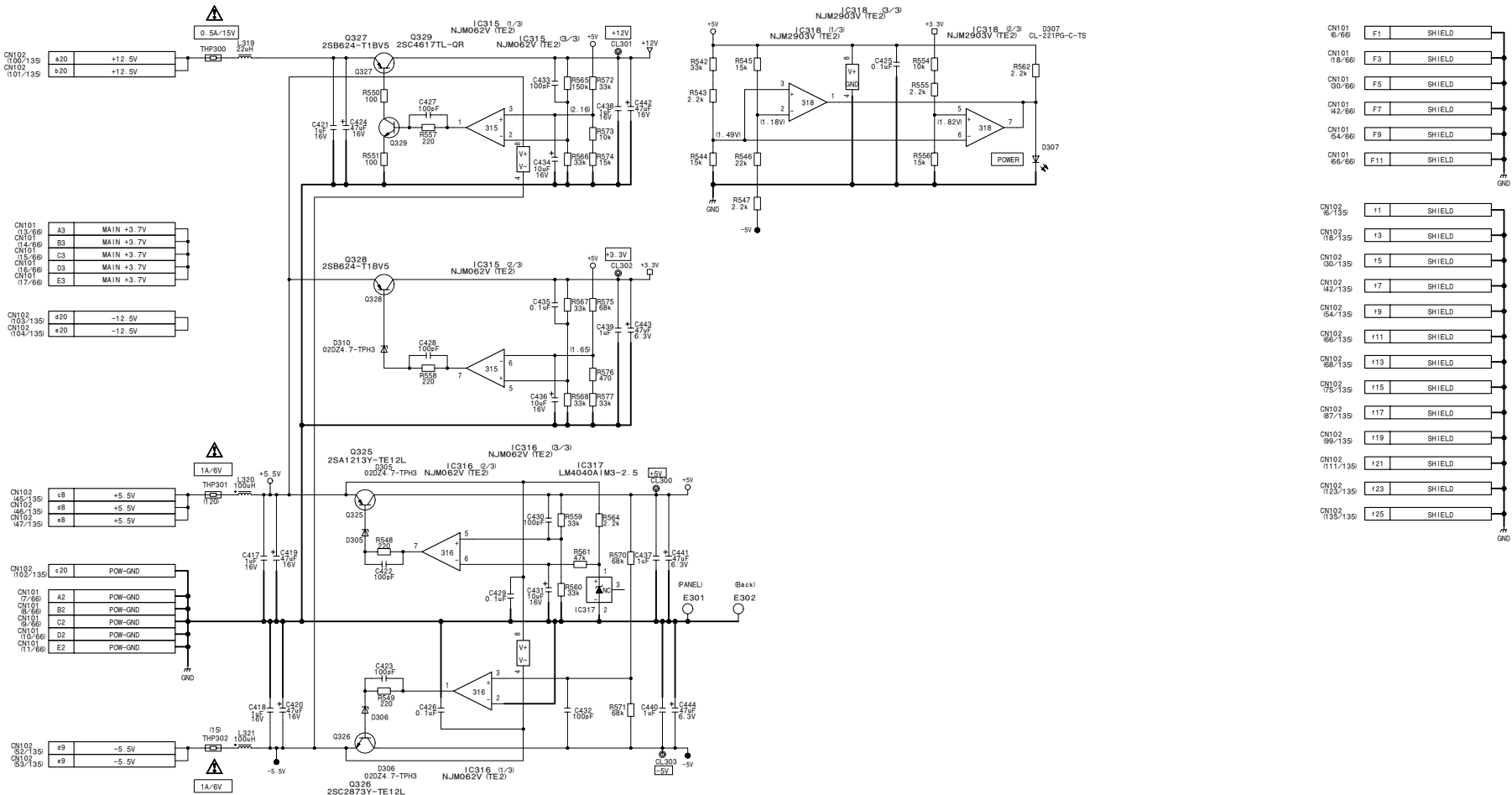
DM-141 (1/4)
BOARD NO. 1-867-101-11
HDFX100_DM-141_011_1

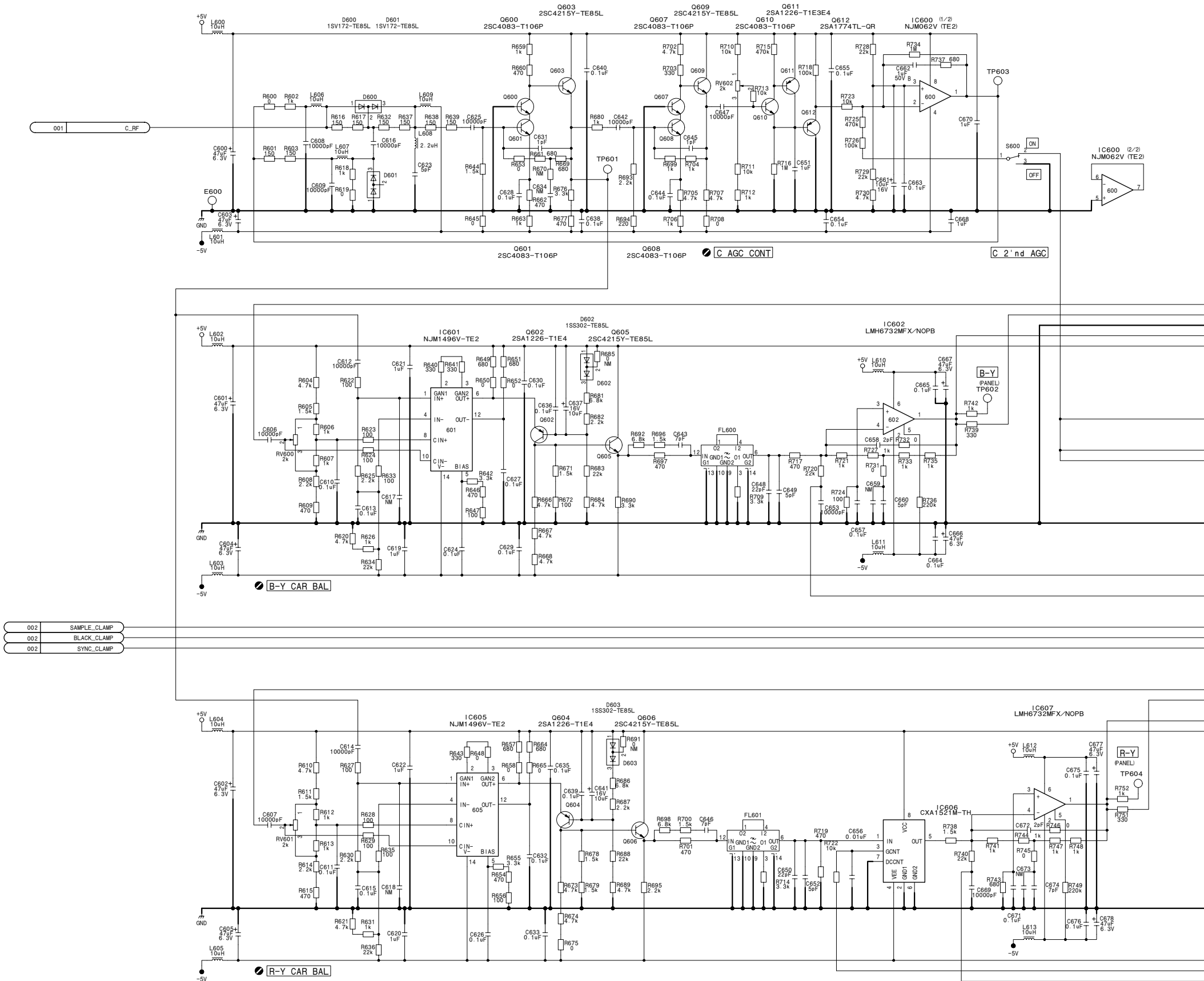
HDFX100

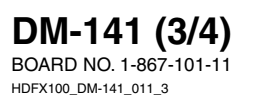


H

CN101 11/66	A1		CN101 12/66	B1		CN101 13/66	C1		CN101 14/66	D1		CN101 15/66	E1		CN102 16/135	a1		CN102 17/135	b1		CN102 18/135	c1		CN102 19/135	d1		CN102 20/135	e1	
CN101 21/66	A4		CN101 22/66	B4		CN101 23/66	C4		CN101 24/66	D4		CN101 25/66	E4		CN102 26/135	a2		CN102 27/135	b2		CN102 28/135	c2		CN102 29/135	d2		CN102 30/135	e2	
CN101 31/66	A5		CN101 32/66	B5		CN101 33/66	C5		CN101 34/66	D5		CN101 35/66	E5		CN102 31/135	a3		CN102 32/135	b3		CN102 33/135	c3		CN102 34/135	d3		CN102 35/135	e3	
CN101 41/66	A6		CN101 42/66	B6		CN101 43/66	C6		CN101 44/66	D6		CN101 45/66	E6		CN102 36/135	a4		CN102 37/135	b4		CN102 38/135	c4		CN102 39/135	d4		CN102 40/135	e4	
CN101 51/66	A7		CN101 52/66	B7		CN101 53/66	C7		CN101 54/66	D7		CN101 55/66	E7		CN102 41/135	a5		CN102 42/135	b5		CN102 43/135	c5		CN102 44/135	d5		CN102 45/135	e5	
CN101 61/66	A8		CN101 62/66	B8		CN101 63/66	C8		CN101 64/66	D8		CN101 65/66	E8		CN102 46/135	a6		CN102 47/135	b6		CN102 48/135	c6		CN102 49/135	d6		CN102 50/135	e6	
CN101 71/66	A9		CN101 72/66	B9		CN101 73/66	C9		CN101 74/66	D9		CN101 75/66	E9		CN102 51/135	a7		CN102 52/135	b7		CN102 53/135	c7		CN102 54/135	d7		CN102 55/135	e7	
CN101 81/66	A10					CN101 82/66	C10								CN102 56/135	a8		CN102 57/135	b8		CN102 58/135	c8		CN102 59/135	d8		CN102 60/135	e8	
															CN102 61/135	a9		CN102 62/135	b9		CN102 63/135	c9		CN102 64/135	d9		CN102 65/135	e9	
															CN102 66/135	a10		CN102 67/135	b10		CN102 68/135	c10		CN102 69/135	d10		CN102 70/135	e10	
															CN102 71/135	a11		CN102 72/135	b11		CN102 73/135	c11		CN102 74/135	d11		CN102 75/135	e11	
															CN102 76/135	a15		CN102 77/135	b15		CN102 78/135	c15		CN102 79/135	d15		CN102 80/135	e15	
															CN102 81/135	a16		CN102 82/135	b16		CN102 83/135	c16		CN102 84/135	d16		CN102 85/135	e16	
															CN102 86/135	a17		CN102 87/135	b17		CN102 88/135	c17		CN102 89/135	d17		CN102 90/135	e17	
															CN102 91/135	a18		CN102 92/135	b18		CN102 93/135	c18		CN102 94/135	d18		CN102 95/135	e18	
															CN102 96/135	a19		CN102 97/135	b19		CN102 98/135	c19		CN102 99/135	d19		CN102 100/135	e19	
															CN102 101/135	a21		CN102 102/135	b21		CN102 103/135	c21		CN102 104/135	d21		CN102 105/135	e21	
															CN102 106/135	a22		CN102 107/135	b22		CN102 108/135	c22		CN102 109/135	d22		CN102 110/135	e22	
															CN102 111/135	a23		CN102 112/135	b23		CN102 113/135	c23		CN102 114/135	d23		CN102 115/135	e23	
															CN102 116/135	a24		CN102 117/135	b24		CN102 118/135	c24		CN102 119/135	d24		CN102 120/135	e24	
															CN102 121/135	a25		CN102 122/135	b25		CN102 123/135	c25		CN102 124/135	d25		CN102 125/135	e25	







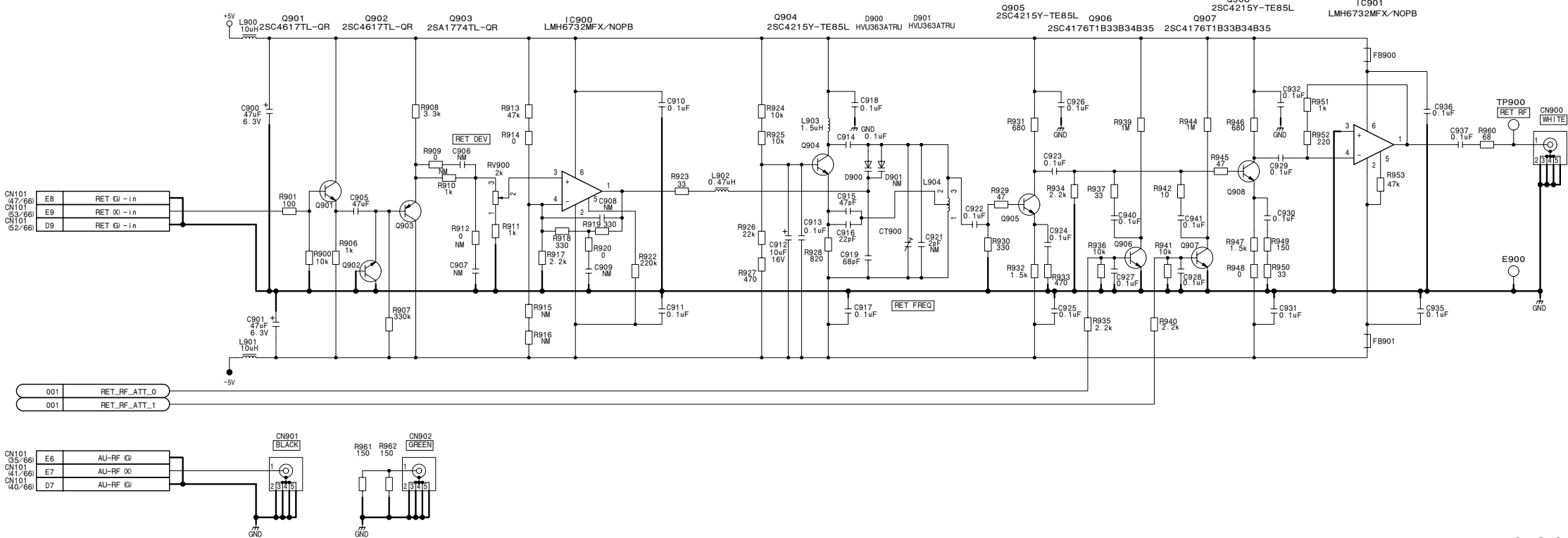
1

2

3

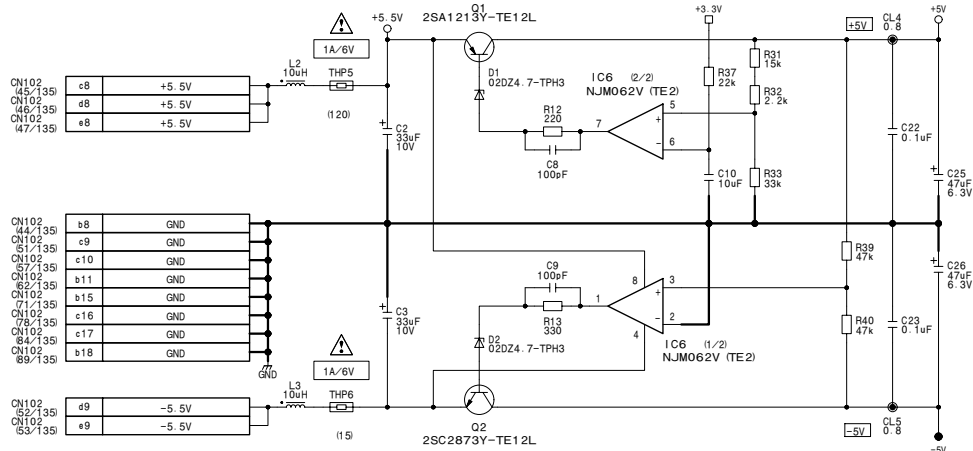
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5



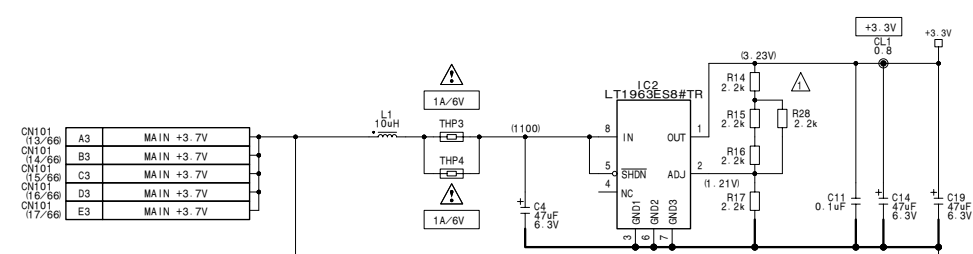
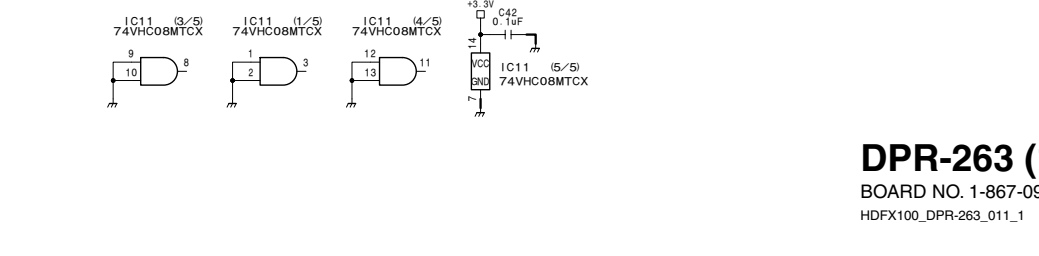
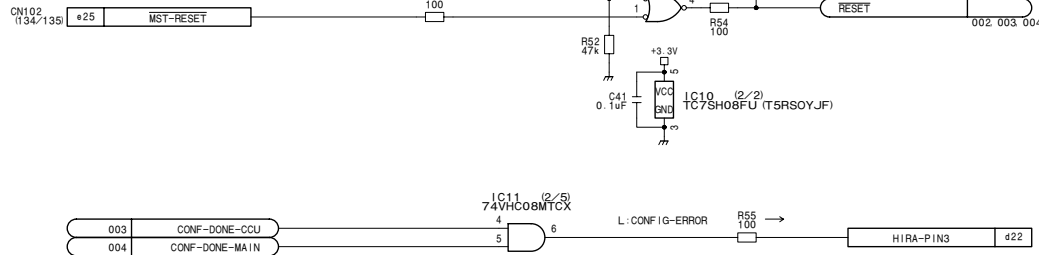
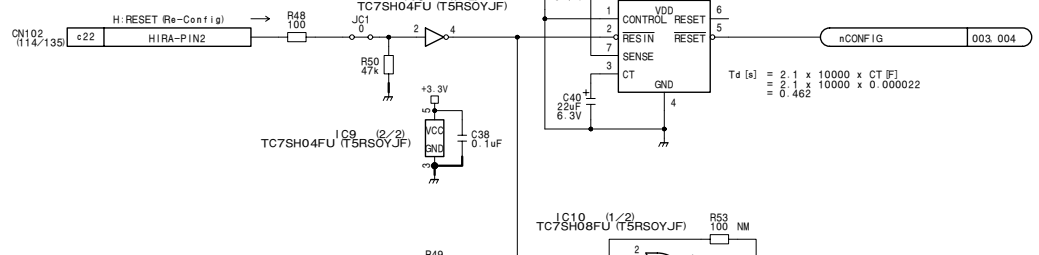
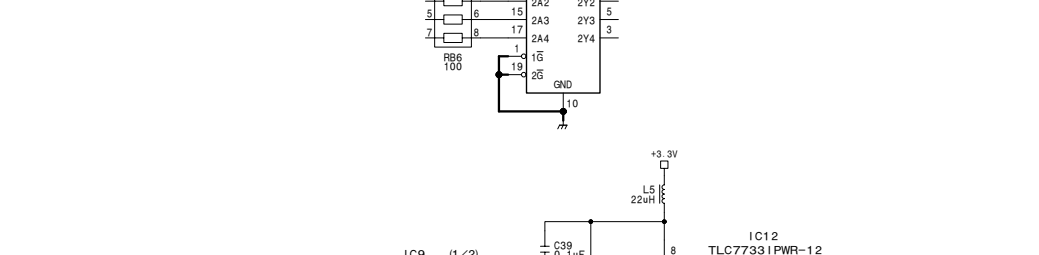
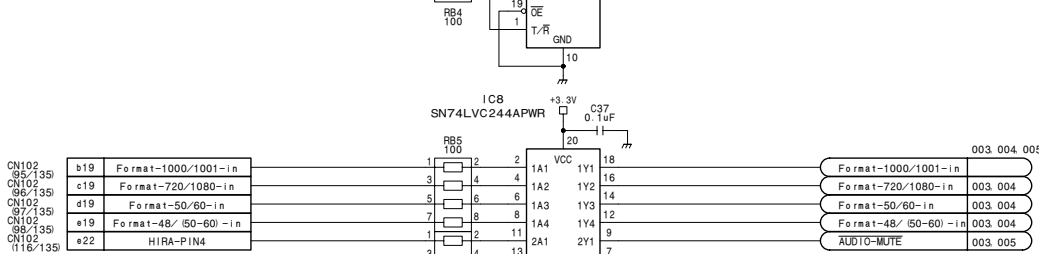
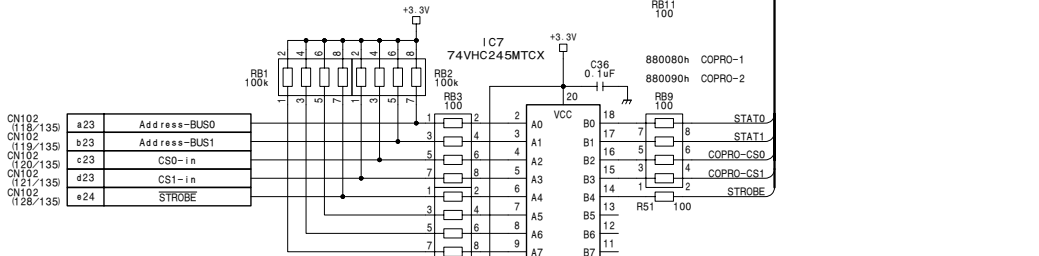
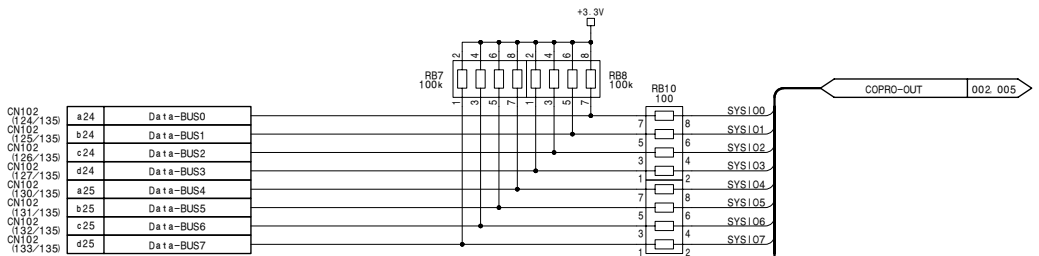
DM-141 (4/4)

BOARD NO. 1-867-101-11
HDFX100_DM-141_011_4



CN101	A1	NOT USE PIN
CN101	B1	NOT USE PIN
CN101	C1	NOT USE PIN
CN101	D1	NOT USE PIN
CN101	E1	NOT USE PIN
CN101	E4	NOT USE PIN
CN101	A5	NOT USE PIN
CN101	E5	NOT USE PIN
CN101	A6	NOT USE PIN
CN101	B6	NOT USE PIN
CN101	E6	EX-854 GND PIN
CN101	A7	NOT USE PIN
CN101	B7	NOT USE PIN
CN101	C7	NOT USE PIN
CN101	D7	NOT USE PIN
CN101	E7	NOT USE PIN
CN101	A8	NOT USE PIN
CN101	B8	NOT USE PIN
CN101	C8	NOT USE PIN
CN101	D8	NOT USE PIN
CN101	A9	NOT USE PIN
CN101	B9	NOT USE PIN
CN101	C9	NOT USE PIN
CN101	A10	NOT USE PIN
CN101	C10	NOT USE PIN

CN102	a1	NOT USE PIN
CN102	b1	NOT USE PIN
CN102	c1	NOT USE PIN
CN102	d1	NOT USE PIN
CN102	e1	NOT USE PIN
CN102	a2	NOT USE PIN
CN102	b2	NOT USE PIN
CN102	c2	NOT USE PIN
CN102	d2	NOT USE PIN
CN102	e2	NOT USE PIN
CN102	a3	NOT USE PIN
CN102	b3	NOT USE PIN
CN102	c3	NOT USE PIN
CN102	d3	NOT USE PIN
CN102	e3	NOT USE PIN
CN102	a4	NOT USE PIN
CN102	b4	NOT USE PIN
CN102	c4	NOT USE PIN
CN102	d4	NOT USE PIN
CN102	e4	NOT USE PIN
CN102	a5	NOT USE PIN
CN102	b5	NOT USE PIN
CN102	c5	NOT USE PIN
CN102	d5	NOT USE PIN
CN102	e5	NOT USE PIN
CN102	a6	NOT USE PIN
CN102	b6	NOT USE PIN
CN102	c6	NOT USE PIN
CN102	d6	NOT USE PIN
CN102	e6	NOT USE PIN
CN102	a7	(+3.7V for REAR-ON)
CN102	b7	(+3.7V for REAR-ON)
CN102	c7	EX-854 GND PIN
CN102	d7	NOT USE PIN
CN102	e7	NOT USE PIN
CN102	a10	NOT USE PIN
CN102	b10	NOT USE PIN
CN102	c15	NOT USE PIN



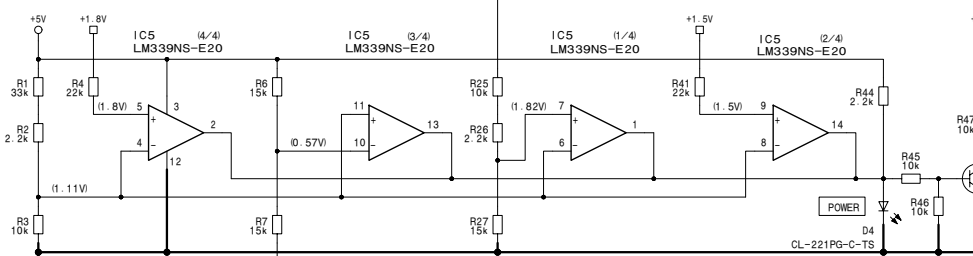
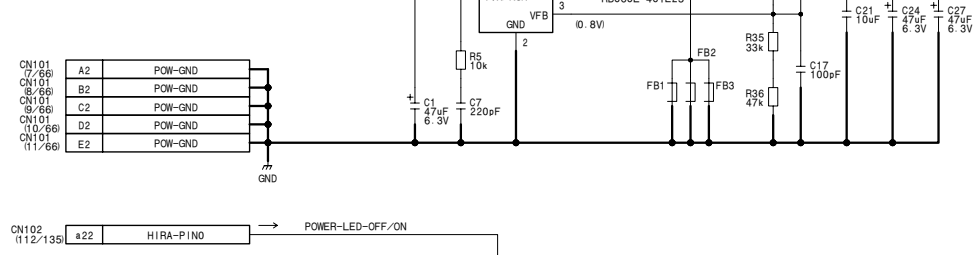
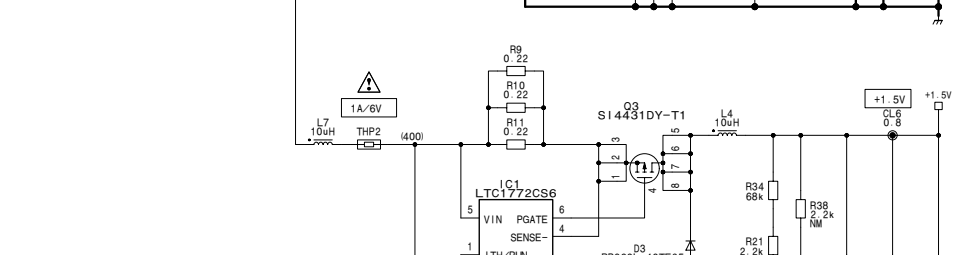
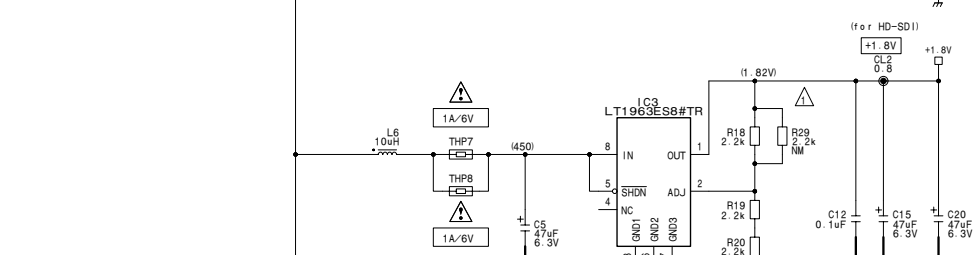
CN102	e11	EX-854 GND PIN
CN102	d15	StandBy/Main
CN102	c11	Laser-Diode-ON-in
CN102	d11	Emergency-in
CN102	c18	PD-LEVEL-out

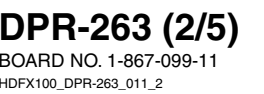
CN102	e16	NOT USE PIN
CN102	e16	NOT USE PIN
CN102	e17	NOT USE PIN
CN102	e17	NOT USE PIN
CN102	e18	NOT USE PIN
CN102	e18	NOT USE PIN
CN102	e19	NOT USE PIN
CN102	e21	NOT USE PIN
CN102	b21	NOT USE PIN
CN102	c21	NOT USE PIN
CN102	d21	NOT USE PIN
CN102	e21	NOT USE PIN

CN102	e20	+12.5V
CN102	e20	+12.5V
CN102	e20	GND
CN102	e20	-12.5V
CN102	e20	-12.5V

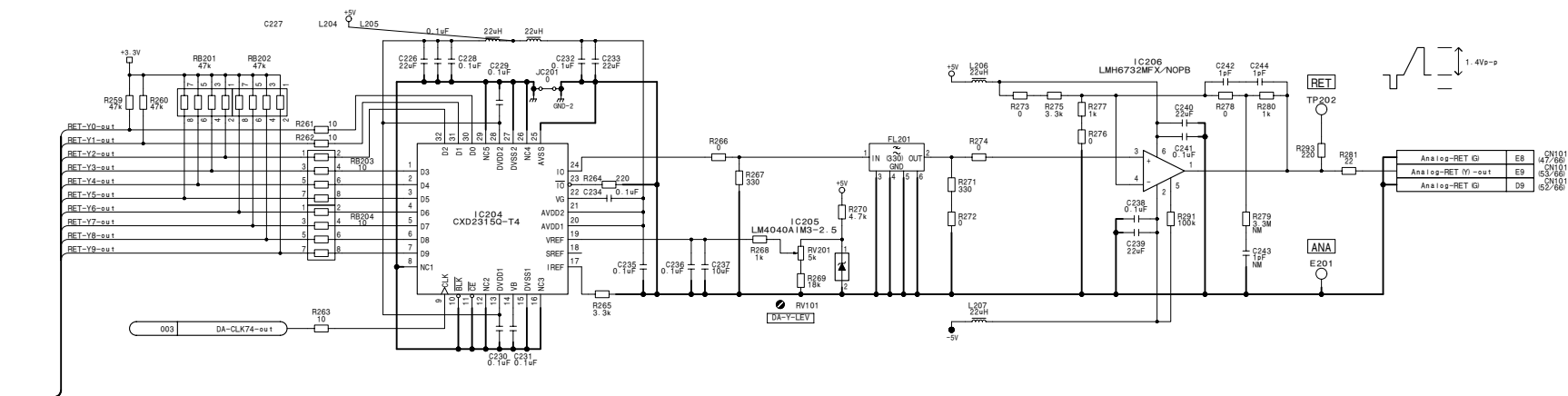
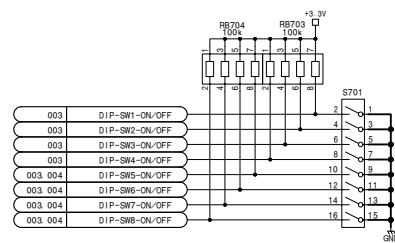
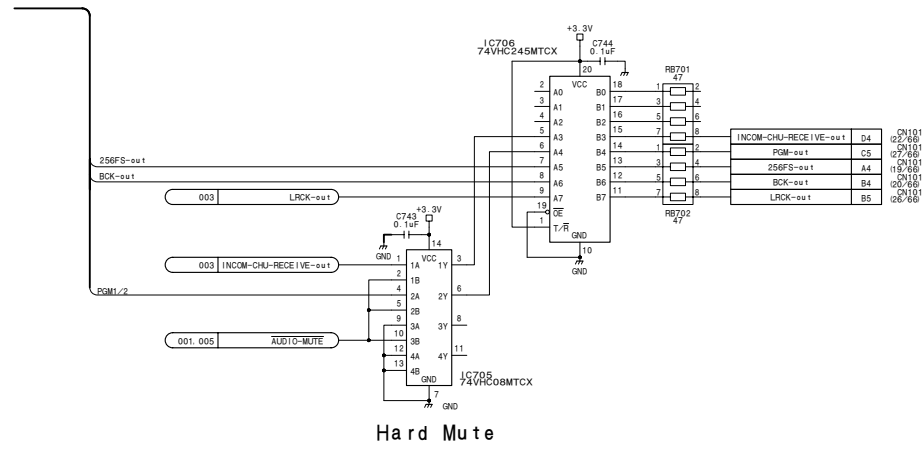
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CN102	f13	SHIELD
CN102	f15	SHIELD
CN102	f17	SHIELD
CN102	f19	SHIELD
CN102	f21	SHIELD
CN102	f23	SHIELD
CN102	f25	SHIELD

CN102	f12	SHIELD
CN102	f14	SHIELD
CN102	f16	SHIELD
CN102	f18	SHIELD
CN102	f20	SHIELD
CN102	f22	SHIELD
CN102	f24	SHIELD
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CN102	f32	SHIELD
CN102	f34	SHIELD
CN102	f36	SHIELD
CN102	f38	SHIELD
CN102	f40	SHIELD
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CN102	f44	SHIELD
CN102	f46	SHIELD
CN102	f48	SHIELD
CN102	f50	SHIELD
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CN102	f54	SHIELD
CN102	f56	SHIELD
CN102	f58	SHIELD
CN102	f60	SHIELD



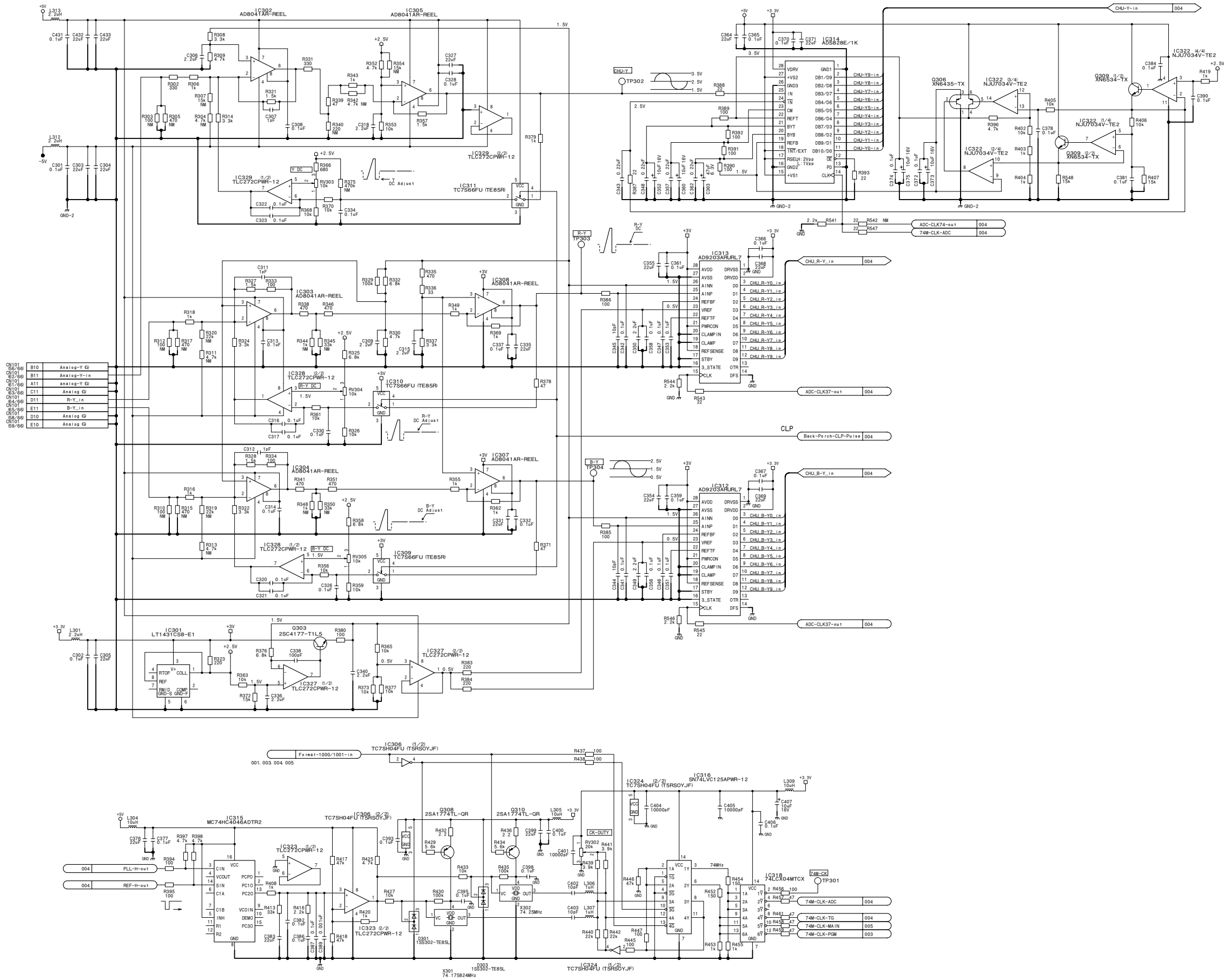


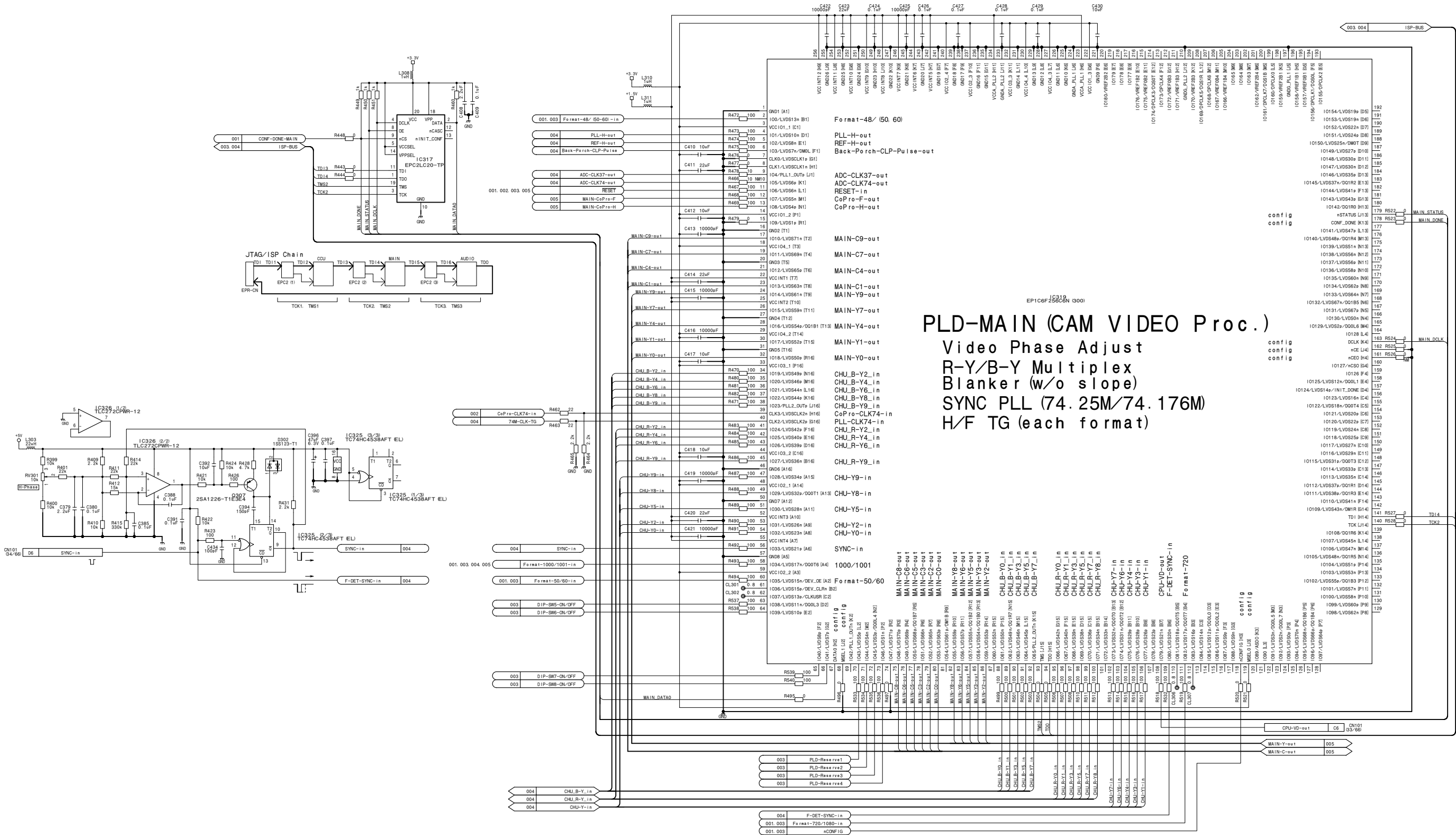


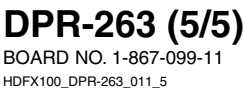


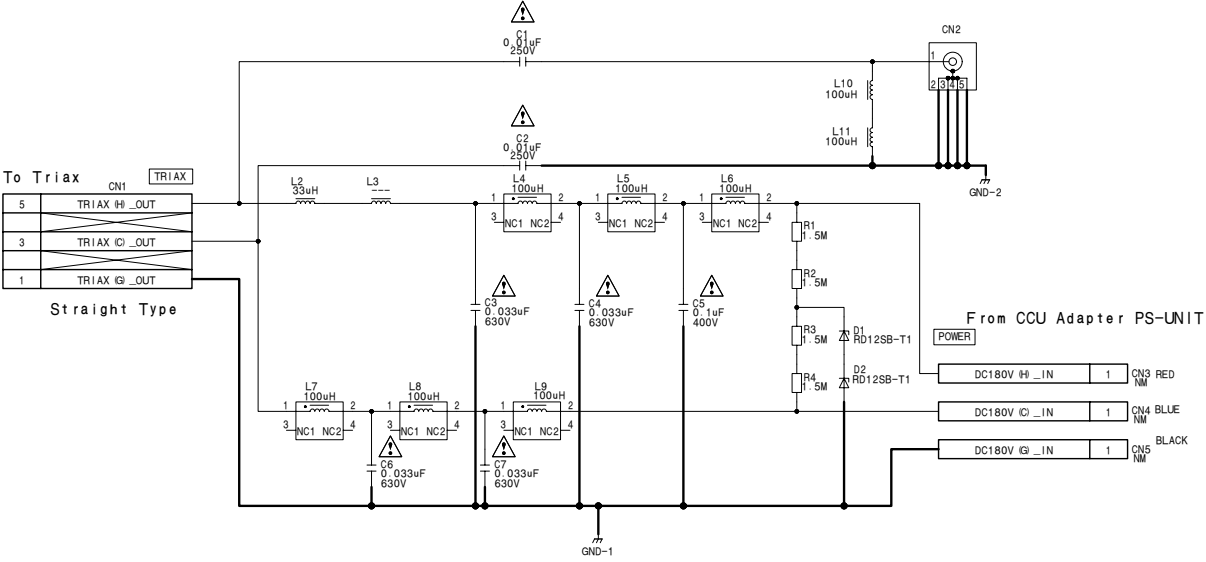
DPR-263 (3/5)

BOARD NO. 1-867-099-11
HDFX100_DPR-263_011_3





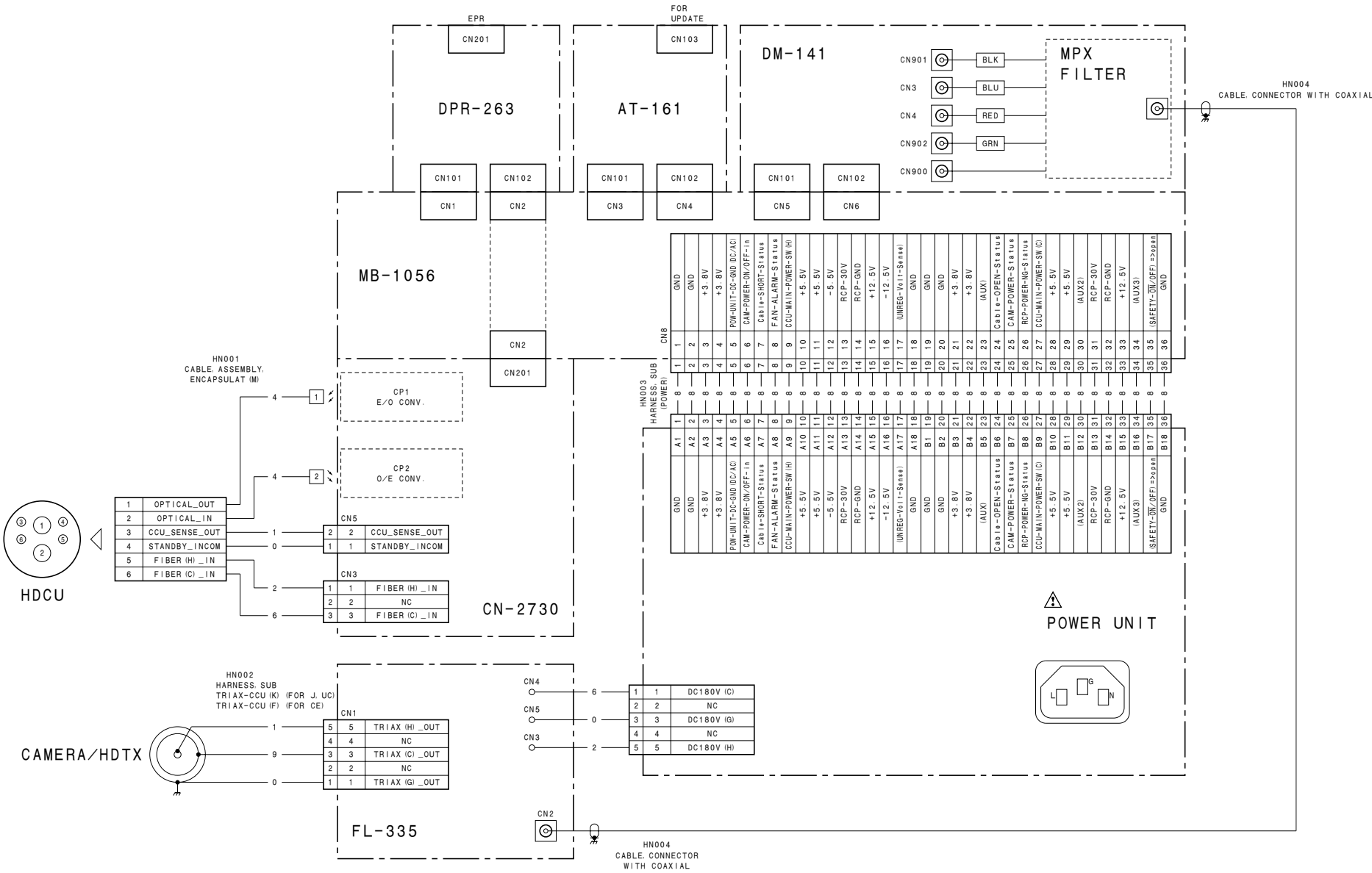




FL-335

BOARD NO. 1-867-103-11
HDFX100_FL-335_011_1





Frame Wiring

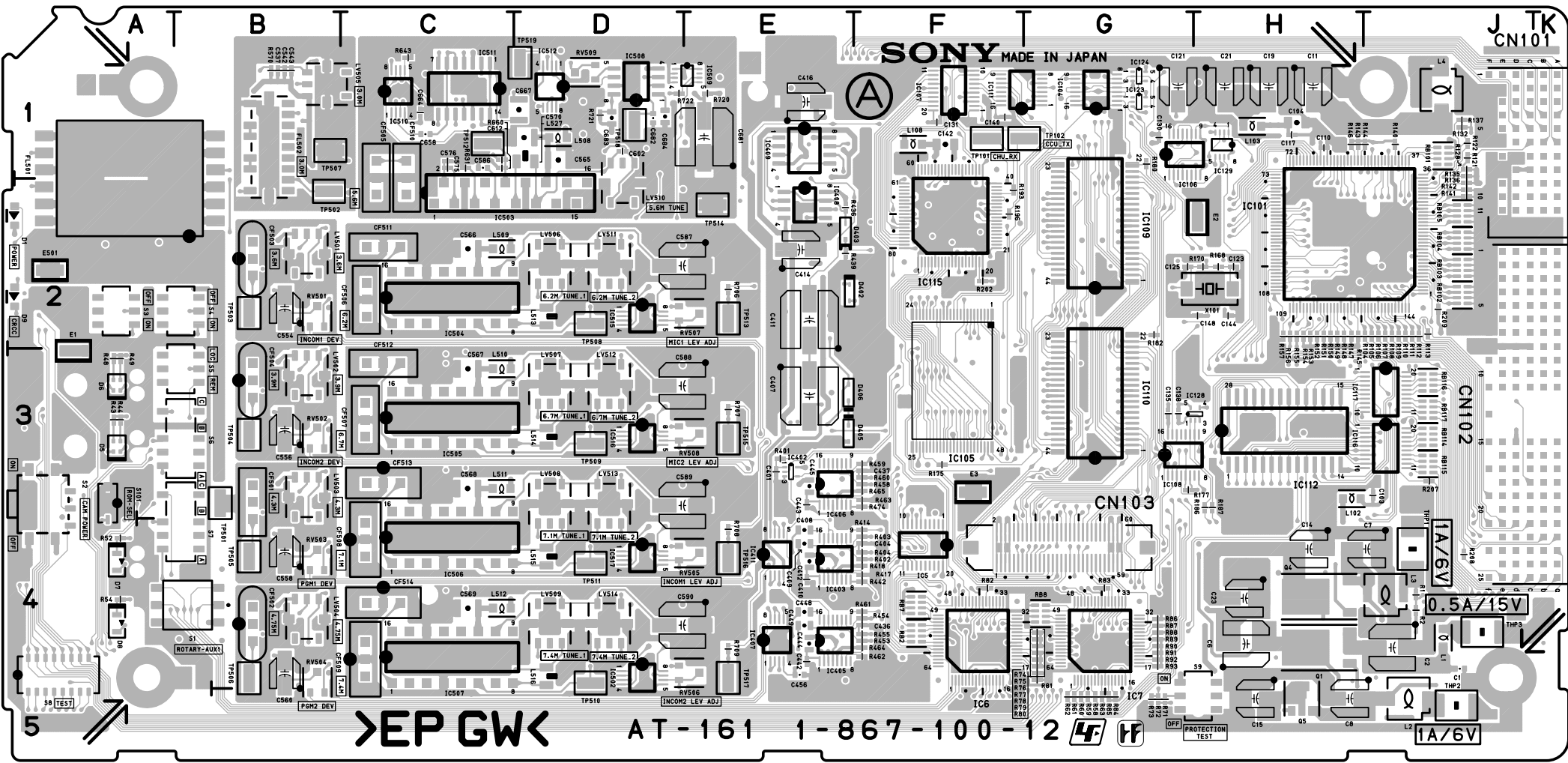
Section 7

Board Layouts

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D. DM-141	7-6
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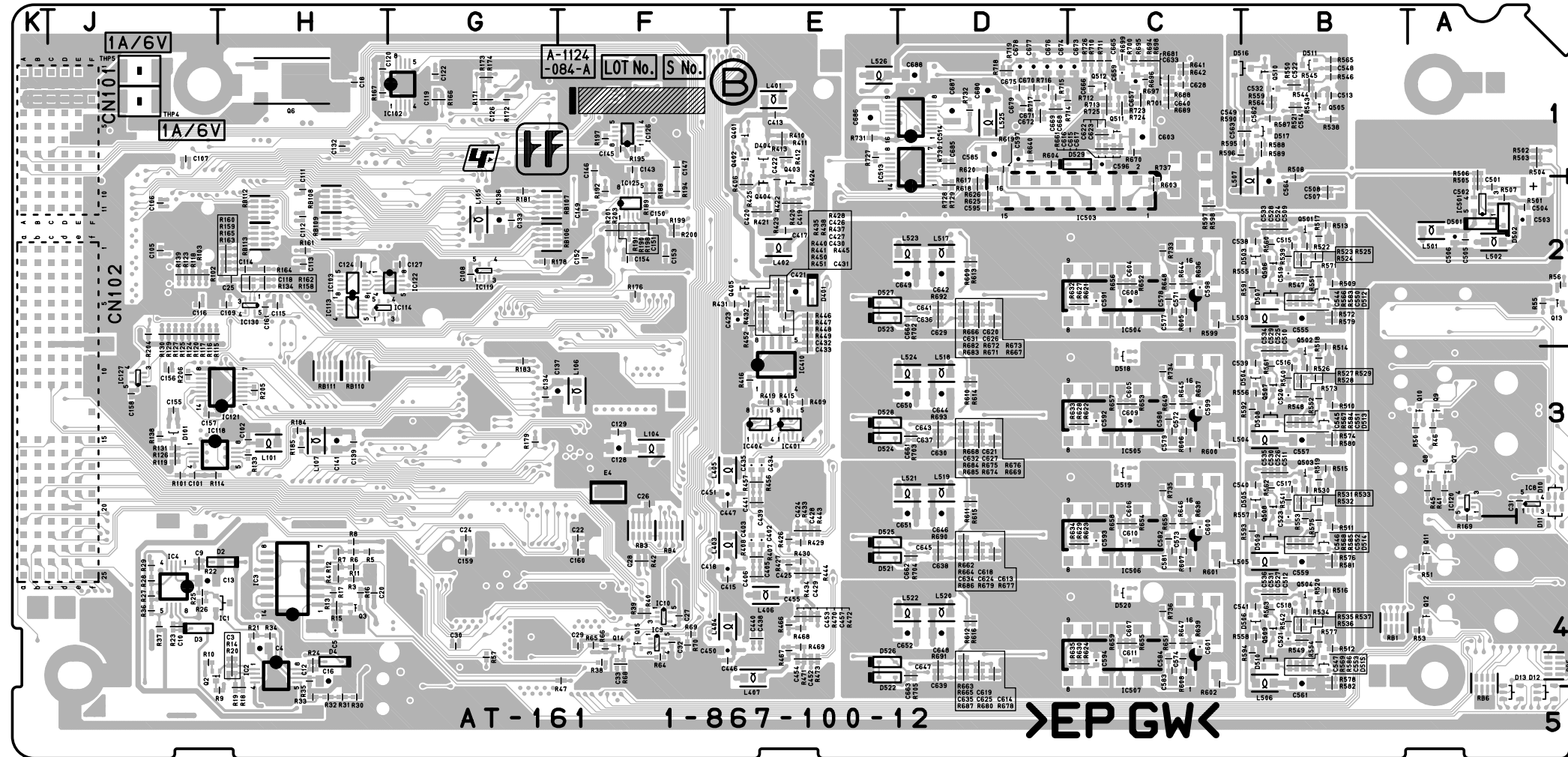
AT-161 (1-867-100-12)

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C3	*H4	C402	*E4	C537	B1	C629	*D2
C4	*H4	C403	*E4	C538	*B2	C630	*D3
C5	*H4	C404	F4	C539	*B3	C631	*D2
C6	H4	C405	*E4	C540	*B3	C632	*D3
C7	J4	C406	*E4	C541	*B4	C633	*C1
C8	H5	C407	E3	C542	B1	C634	*D4
C9	*J4	C408	E4	C543	B1	C635	*D4
C10	*J4	C409	E4	C544	*B2	C636	*D2
C11	H1	C410	E4	C545	*B3	C637	*D3
C12	*H4	C411	E2	C546	*B4	C638	*D4
C13	*J4	C412	E4	C547	*B4	C639	*D4
C14	H4	C413	*E1	C548	*B1	C640	*C1
C15	H5	C414	E2	C549	*B1	C641	*D2
C16	*H4	C415	*E4	C550	*B2	C642	*D2
C18	*H1	C416	E1	C551	*B3	C643	*D3
C19	H1	C417	*E2	C552	*B4	C644	*D3
C20	*H4	C418	*E4	C553	*B4	C645	*D4
C21	H1	C419	*E2	C554	B2	C646	*D3
C22	*F4	C420	*E2	C555	*B2	C647	*D4
C23	H4	C421	*E2	C556	B3	C648	*D4
C24	*G4	C422	*E2	C557	*B3	C649	*D2
C25	*H2	C423	*E2	C558	B4	C650	*D3
C26	*F3	C424	*E4	C559	*B4	C651	*D3
C27	*F4	C425	*E4	C560	B4	C652	*D4
C28	*F4	C426	*E2	C561	*B4	C657	*C1
C29	*F4	C427	*E2	C562	*B1	C658	C1
C30	*G4	C428	*E4	C563	*B1	C659	*C1
C31	*A3	C429	*E4	C564	*B2	C660	*D2
C32	*F4	C430	*E2	C565	D1	C661	*D3
C33	*F4	C431	*E2	C566	C2	C662	*D4
C101	*J3	C432	*E2	C567	C3	C663	*D4
C102	*H3	C433	*E3	C568	C3	C664	*C1
C103	J3	C434	*E3	C569	C4	C665	*C1
C104	H1	C435	*E3	C570	D1	C666	*C1
C105	*J2	C436	F4	C571	*C2	C667	D1
C106	*J2	C437	F3	C572	*C3	C668	*D1
C107	*J1	C438	*E4	C573	*C4	C669	*D1
C108	*G2	C439	*E3	C574	*C4	C670	*D1
C109	*H2	C440	*E4	C575	C1	C671	*D1
C110	H1	C441	*E3	C576	C1	C672	*D1
C111	*H2	C442	E4	C577	*C2	C673	*C1
C112	*H2	C443	E3	C578	*C2	C674	*D1
C113	*H2	C444	E4	C579	*C3	C675	*D1
C114	*H2	C445	E3	C580	*C3	C676	*D1
C115	*H2	C446	*E4	C581	*C4	C677	*D1
C116	*J2	C447	*E3	C582	*C4	C678	*D1
C117	H1	C448	E4	C583	*C4	C679	*D1
C118	*H2	C449	E4	C584	*C4	C680	*D1
C119	*G1	C450	*E4	C585	*D1	C681	E1
C120	*H1	C451	*E3	C586	C1	C682	D1
C121	G1	C452	*E4	C587	D2	C683	D1
C122	*G1	C453	*E4	C588	D3	C684	D1
C123	H2	C454	*E4	C589	D3	C685	*D1
C124	*H2	C455	*E4	C590	D4	C686	*E1
C125	G2	C456	E4	C591	*C2	C687	*D1
C126	*G1	C457	*E4	C592	*C3	C688	*D1
C127	*G2	C501	*A2	C593	*C4		
C128	*F3	C502	*A2	C594	*C4		
C129	*F3	C503	*A2	C595	*D2		
C130	G1	C504	*A2	C596	*C1		
C131	F1	C505	*A2	C597	*D1		
C132	*H1	C506	*A2	C598	*C2		
C133	*G2	C507	*B2	C599	*C3		
C134	*G3	C508	*B2	C600	*C4		
C135	G3	C509	*B2	C601	*C4		
C136	*G2	C510	*B3	C602	D1		
C137	*F3	C511	*B3	C603	*C1		
C138	G3	C512	*B4	C604	*C2		
C139	*H3	C513	*B1	C605	*C3		
C140	F1	C514	*B1	C606	*C4		
C141	*H3	C515	*B2	C607	*C4		
C142	F1	C516	*B3	C608	*C2		
C143	*F1	C517	*B3	C609	*C3		
C144	H2	C518	*B4	C610	*C4		
C145	*F1	C519	*B2	C611	*C4		
C146	*F1	C520	*B3	C612	C1		
C147	*F1	C521	*B4	C613	*D4		
C148	H2	C522	*B1	C614	*D4		
C149	*F2	C523	*B4	C615	*C1		
C150	*F2	C524	*B2	C616	*C1		
C151	*F2	C525	*B3	C617	*C1		
C152	*F2	C526	*B3	C618	*D4		
C153	*F2	C527	*B4	C619	*D4		
C154	*F2	C528	*B2	C620	*D2		
C155	*J3	C529	*B3	C621	*D3		
C156	*J3	C530	*B3	C622	*C1		
C157	*J3	C531	*B4	C623	*C1		
C158	*J3	C532	*B1	C624	*D4		
C159	*G4	C533	*B2	C625	*D4		
C160	*F4	C534	*B3	C626	*D2		



AT-161 -A SIDE-
SUFFIX: -12

D401	*E2	D524	*E3	IC104	G1	IC403	E4	L3	J4	L513	D2	LV514	D4	Q508	*B3	R24	*H4	R53	*A4	R83	G4	R119	*J3	R148	H2	R177	G3
D402	E2	D525	*E4	IC105	F3	IC404	*E3	L4	J1	L514	D3	Q1	H4	Q509	*B4	R25	*J4	R54	A4	R84	G5	R120	*J2	R149	H2	R178	*G2
D403	E2	D526	*E4	IC106	G1	IC405	E4	L101	*H3	L515	D4	Q2	*J4	Q510	*B1	R26	*J4	R55	*A2	R85	G5	R121	J1	R150	H2	R179	*G3
D404	*E1	D527	*E2	IC107	F1	IC406	E3	L102	H3	L516	D4	Q3	*H4	Q511	*C1	R27	*J4	R56	*A2	R86	G4	R122	J1	R151	H2	R180	G1
D405	E3	D528	*E3	IC108	G3	IC407	E4	L103	H1	L517	*D2	Q4	H4	Q512	*C1	R28	*J4	R57	*G4	R87	G4	R123	*J2	R152	H2	R181	*G2
D406	E3	D529	*C1	IC109	G2	IC408	E2	L104	*F3	L518	*D3	Q5	H5	R29	*J4	R29	*J4	R58	G5	R88	G4	R124	*J2	R153	H2	R182	G2
D501	*A2			IC110	G3	IC409	E1	L105	*G2	L519	*D3	Q6	*H1	R1	J4	R30	*H5	R59	G5	R89	G4	R125	*J2	R154	H2	R183	*G3
D502	*A2	E1	A3	IC111	G1	IC410	*E3	L106	*F3	L520	*D4	Q7	*A3	R2	J4	R31	*H5	R60	G5	R90	G4	R126	*J3	R155	H2	R184	*H3
D503	*B2	E2	H2	IC112	H3	IC411	E4	L107	*H3	L521	*D3	Q8	*A3	R3	*H4	R32	*H5	R61	G5	R91	G4	R127	*J2	R156	H2	R185	*H3
D504	*B3	E3	F3	IC113	*H2	IC501	*A2	L108	F1	L522	*D4	Q9	*A3	R4	*H4	R33	*H5	R62	G5	R92	G4	R128	J1	R157	H2	R186	H3
D505	*B3	E4	*F3	IC114	*H2	IC502	D4	L401	*E1	L523	*D2	Q10	*A3	R5	*H4	R34	*H4	R63	G5	R93	G4	R129	*J2	R158	*H2	R187	H3
D506	*B4	E501	A2	IC115	F2	IC503	C2	L402	*E2	L524	*D3	Q11	*A4	R6	*H4	R35	*H4	R64	*F4	R101	*J3	R130	*J2	R159	*H2	R188	*F2
D507	*B2			IC116	J3	IC504	C2	L403	*E4	L525	*D1	Q12	*A4	R7	*H4	R36	*J4	R65	*F4	R102	*J2	R131	*J3	R160	*H2	R189	*F2
D508	*B3	FL501	A1	IC117	J3	IC505	C3	L404	*E4	L526	*E1	Q13	*A2	R8	*H4	R37	*J4	R66	*F4	R103	*J2	R132	J1	R161	*H2	R190	*F2
D509	*B4	FL502	B1	IC118	*J3	IC506	C4	L405	*E3	L527	D1	Q14	*F4	R9	*H5	R38	*F4	R68	*F4	R104	J2	R133	*H3	R162	*H2	R191	*F2
D510	*B4			IC119	*G2	IC507	C4	L406	*E4			Q15	*F4	R10	*J4	R39	*F4	R69	*F4	R105	J2	R134	*H2	R163	*H2	R192	*F2
D511	*B1	IC1	*H4	IC120	*A3	IC508	D1	L407	*E4	LV501	B2	Q16	*F4	R11	*H4	R40	*F4	R70	*F4	R106	J2	R135	J1	R164	*H2	R193	F2
D512	*B2	IC2	*H4	IC121	*H3	IC509	E1	L501	*A2	LV502	B3	Q17	*E1	R12	*H4	R41	*A3	R71	G5	R107	J2	R136	J2	R165	*H2	R194	*F2
D513	*B3	IC3	*H4	IC122	*G2	IC510	C1	L502	*A2	LV503	B3	Q18	*E1	R13	*H4	R42	*F4	R72	G5	R108	J2	R137	J1	R166	*G1	R195	*F1
D514	*B4	IC4	*J4	IC123	G1	IC511	C1	L503	*B2	LV504	B4	Q19	*E2	R14	*H4	R43	A3	R73	G5	R109	J2	R138	*J3	R167	*H1	R196	F2
D515	*B4	IC5	F4	IC124	G1	IC512	D1	L504	*B3	LV505	B1	Q20	*E2	R15	*H4	R44	A3	R74	G4	R110	J2	R139	*J2	R168	H2	R197	*F1
D516	*B1	IC6	F4	IC125	*F2	IC513	*D2	L505	*B4	LV506	D2	Q21	*E2	R16	*H4	R45	*A3	R75	G4	R111	J2	R140	J1	R169	*A4	R198	*F2
D517	*B1	IC7	G4	IC126	*F1	IC514	*D1	L506	*B4	LV507	D3	Q22	*B2	R17	*H4	R46	*A3	R76	G4	R112	J2	R141	J2	R170	H2	R199	*F2
D518	*C3	IC8	*A3	IC127	*J3	IC515	D2	L507	*B2	LV508	D3	Q23	*B3	R18	*H5	R47	*F4	R77	G4	R113	J2	R142	J2	R171	*G1	R200	*F2
D519	*C3	IC9	*F4	IC128	H3	IC516	D3	L508	D1	LV509	D4	Q24	*B3	R19	*H5	R48	A3	R78	G4	R114	*J3	R143	H1	R172	*G1	R201	*F2
D520	*C4	IC10	*F4	IC129	H1	IC517	D4	L509	C2	LV510	D2	Q25	*B4	R20	*H4	R49	A3	R79	G4	R115	*J2	R144	J1	R173	*G1	R202	F2
D521	*E4	IC101	H2	IC130	*H2			L510	C3	LV511	D2	Q26	*B4	R21	*H4	R50	*A3	R80	G4	R116	*J2	R145	H2	R174	*G1	R203	*F2
D522	*E4	IC102	*G1	IC401	*E3	L1	J4	L511	C3	LV512	D3	Q27	*B2	R22	*J4	R51	*A4	R81	G4	R117	*J2	R146	H1	R175	F3	R204	*J2
D523	*E2	IC103	*H2	IC402	B3	L2	J5	L512	C4	LV513	D3	Q28	*B3	R23	*J4	R52	A4	R82	F4	R118	*J2	R147	H2	R176	*F2	R205	*H3

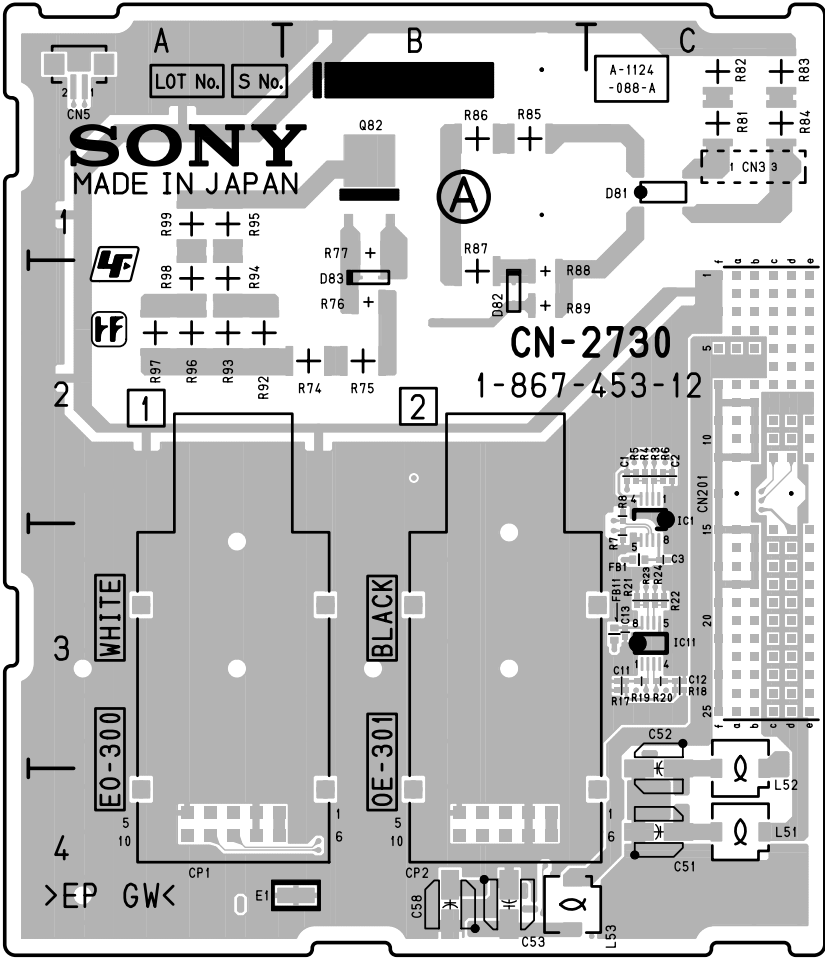


AT-161 -B SIDE-
SUFFIX: -12

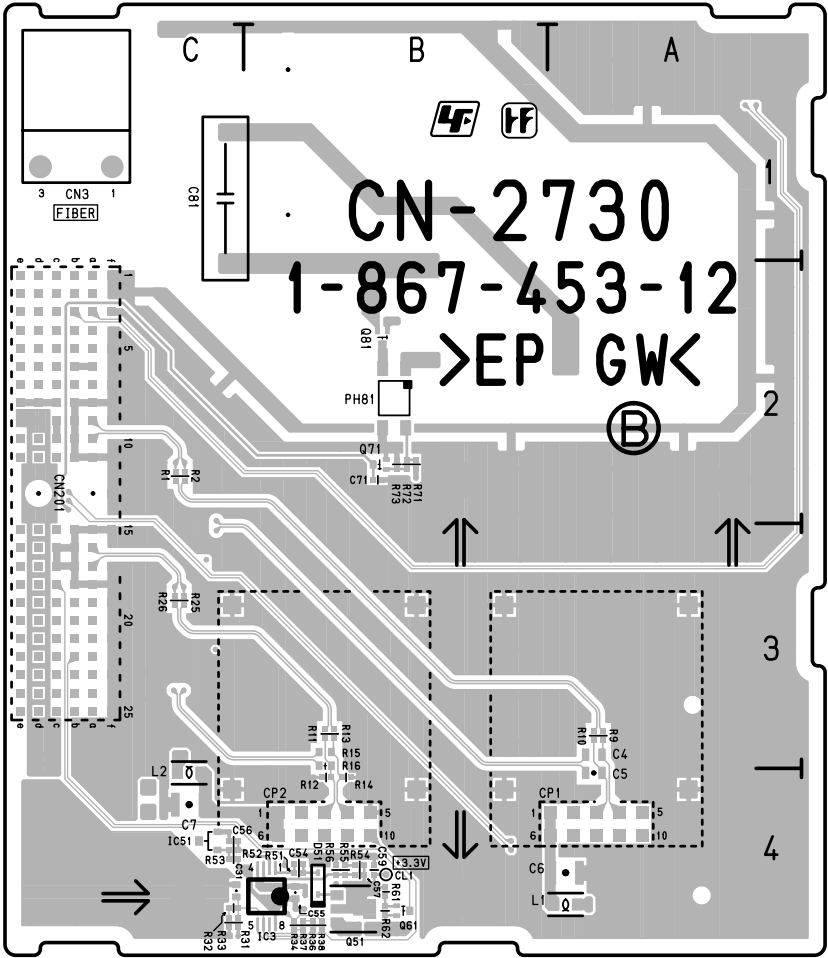
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R207	J3	R428	*E2	R457	*E3	R512	*B4	R541	*B3	R570	B1	R599	*C2	R628	*C3	R657	*C3	R686	*D4	R715	*D1	RB6	*A4	RV509	D1	TP509	D3
R208	J4	R429	*E4	R458	F3	R513	*B2	R542	*B4	R571	*B2	R600	*C3	R629	*C4	R658	*C4	R687	*D4	R716	*D1	RB7	F4			TP510	D4
R209	J2	R430	*E4	R459	F3	R514	*B3	R543	*B1	R572	*B2	R601	*C4	R630	*C4	R659	*C4	R688	*C1	R717	*D1	RB8	G4	S1	B4	TP511	D4
R401	E3	R431	*E2	R460	F3	R515	*B3	R544	*B1	R573	*B3	R602	*C4	R631	C1	R660	C1	R689	*C1	R718	*D1	RB101	J1	S2	A3	TP512	C1
R402	F4	R432	*E2	R461	F4	R516	*B4	R545	*B1	R574	*B3	R603	*C2	R632	*C2	R661	*C1	R690	*D4	R719	*D1	RB102	J2	S3	A2	TP513	E2
R403	F4	R433	*E4	R462	F4	R517	*B2	R546	*B1	R575	*B4	R604	*D1	R633	*C3	R662	*D4	R691	*D4	R720	E1	RB103	J2	S4	B2	TP514	E2
R404	F4	R434	*E4	R463	F3	R518	*B3	R547	*B2	R576	*B4	R605	*C2	R634	*C4	R663	*D4	R692	*D2	R721	D1	RB104	J2	S5	B3	TP515	E3
R406	*E2	R435	*E2	R464	F4	R519	*B3	R548	*B3	R577	*B4	R606	*C3	R635	*C4	R664	*D4	R693	*D3	R722	D1	RB105	J2	S6	B3	TP516	E4
R407	*E4	R436	E2	R465	F3	R520	*B4	R549	*B4	R578	*B4	R607	*C4	R636	*C2	R665	*D4	R694	*C1	R723	*C1	RB106	*G2	S7	B4	TP517	E4
R408	*E4	R437	*E2	R466	*E4	R521	*B1	R550	*B1	R579	*B2	R608	*C4	R637	*C3	R666	*D2	R695	*C1	R724	*C1	RB107	*H2	S8	A4	TP518	D1
R409	*E3	R438	*E2	R467	*E4	R522	*B2	R551	*B2	R580	*B3	R609	*D2	R638	*C4	R667	*D2	R696	*C1	R725	*C1	RB108	*G2	S9	H5	TP519	D1
R410	*E1	R439	E2	R468	*E4	R523	*B2	R552	*B3	R581	*B4	R610	*D3	R639	*C4	R668	*D3	R697	*C1	R726	*C1	RB109	*H2	S101	A3		
R411	*E1	R440	*E2	R469	*E4	R524	*B2	R553	*B4	R582	*B4	R611	*D3	R640	*D1	R669	*D3	R698	*C1	R727	*E1	RB110	*H3			X101	H2
R412	*E1	R441	*E2	R470	*E4	R525	*B2	R554	*B4	R583	*B2	R612	*D4	R641	C1	R670	C1	R699	*C1	R728	*D2	RB111	*H3	THP1	J4		
R413	*E1	R442	F4	R471	*E4	R526	*B3	R555	*B2	R584	*B3	R613	*D2	R642	C1	R671	*D2	R700	*C1	R729	*D2	RB112	*H2	THP2	J5	*:B	SIDE
R414	F4	R443	*E4	R472	*E4	R527	*B3	R556	*B3	R585	*B4	R614	*D3	R643	C1	R672	*D2	R701	*C1	R730	*D1	RB113	*H2	THP3	J4		
R415	*E3	R444	*E4	R473	*E4	R528	*B3	R557	*B3	R586	*B4	R615	*D3	R644	*C2	R673	*D2	R702	*D2	R731	*E1	RB114	J3	THP4	*J1		
R416	*E3	R445	*E2	R474	F3	R529	*B3	R558	*B4	R587	*B1	R616	*D4	R645	*C3	R674	*D3	R703	*D3	R732	*D1	RB115	J3	THP5	*J1		
R417	F4	R446	*E2	R501	*A2	R530	*B3	R559	*B1	R588	*B1	R617	*D2	R646	*C4	R675	*D3	R704	*D4	R733	*C2	RB116	J3				
R418	F4	R447	*E2	R502	*A1	R531	*B3	R560	*B2	R589	*B1	R618	*D2	R647	*C4	R676	*D3	R705	*D4	R734	*C3	RB117	J3	TP101	F1		
R419	*E3	R448	*E2	R503	*A1	R532	*B3	R561	*B3	R590	*B1	R619	*D1	R648	*C2	R677	*D4	R706	E2	R735	*C3			TP102	G1		
R420	*E2	R449	*E2	R504	*A1	R533	*B3	R562	*B3	R591	*B2	R620	*D1	R649	*C3	R678	*D4	R707	E3	R736	*C4	RV501	B2	TP501	B3		
R421	*E2	R450	*E2	R505	*A2	R534	*B4	R563	*B4	R592	*B3	R621	*C2	R650	*C4	R679	*D4	R708	E4	R737	*C2	RV502	B3	TP502	B2		
R422	*E2	R451	*E2	R506	*A1	R535	*B4	R564	*B1	R593	*B4	R622	*C3	R651	*C4	R680	*D4	R709	E4			RV503	B4	TP503	B2		
R423	*E2	R452	*E2	R507	*A2	R536	*B4	R565	*B1	R594	*B4	R623	*C4	R652	*C2	R681	*C1	R710	*C1	RB1	*B4	RV504	B4	TP504	B3		
R424	*E2	R453	F4	R508	*B2	R537	*B4	R566	*B2	R595	*B1	R624	*C4	R653	*C3	R682	*D2	R711	*C1	RB2	F4	RV505	E4	TP505	B4		
R425	*E2	R454	F4	R509	*B2	R538	*B1	R567	*B3	R596	*B1	R625	*D2	R654	*C4	R683	*D2	R712	*C1	RB3	*F4	RV506	E4	TP506	B4		
R426	*E4	R455	F4	R510	*B3	R539	*B2	R568	*B4	R597	*C2	R626	*D2	R655	*C4	R684	*D3	R713	*C1	RB4	*F4	RV507	E2	TP507	B1		

CN-2730 (1-867-453-12)

C1	C2	R37	*B4
C2	C2	R38	*B4
C3	C3	R51	*B4
C4	*A3	R52	*C4
C5	*A4	R53	*C4
C6	*A4	R54	*B4
C7	*C4	R55	*B4
C11	C3	R56	*B4
C12	C3	R61	*B4
C13	C3	R62	*B4
C31	*C4	R71	*B2
C51	C4	R72	*B2
C52	C4	R73	*B2
C53	B4	R74	B2
C54	*B4	R75	B2
C55	*B4	R76	B2
C56	*C4	R77	B1
C57	*B4	R81	C1
C58	B4	R82	C1
C59	*B4	R83	C1
C71	*B2	R84	C1
C81	*C1	R85	B1
		R86	B1
CL1	*B4	R87	B2
		R88	B2
CN3	*C1	R89	B2
CN5	A1	R92	A2
CN201	C2	R93	A2
		R94	A2
CP1	A3	R95	A1
CP2	B3	R96	A2
		R97	A2
D51	*B4	R98	A2
D81	C1	R99	A1
D82	B2		
D83	B2	*:B SIDE	
E1	B4		
FB1	C3		
FB11	C3		
IC1	C2		
IC3	*B4		
IC11	C3		
IC51	*C4		
L1	*A4		
L2	*C4		
L51	C4		
L52	C3		
L53	B4		
PH81	*B2		
Q51	*B4		
Q61	*B4		
Q71	*B2		
Q81	*B2		
Q82	B1		
R1	*C2		
R2	*C2		
R3	C2		
R4	C2		
R5	C2		
R6	C2		
R7	C3		
R8	C2		
R9	*A3		
R10	*A3		
R11	*B3		
R12	*B4		
R13	*B3		
R14	*B4		
R15	*B3		
R16	*B3		
R17	C3		
R18	C3		
R19	C3		
R20	C3		
R21	C3		
R22	C3		
R23	C3		
R24	C3		
R25	*C3		
R26	*C3		
R31	*C4		
R32	*C4		
R33	*C4		
R34	*B4		
R36	*B4		



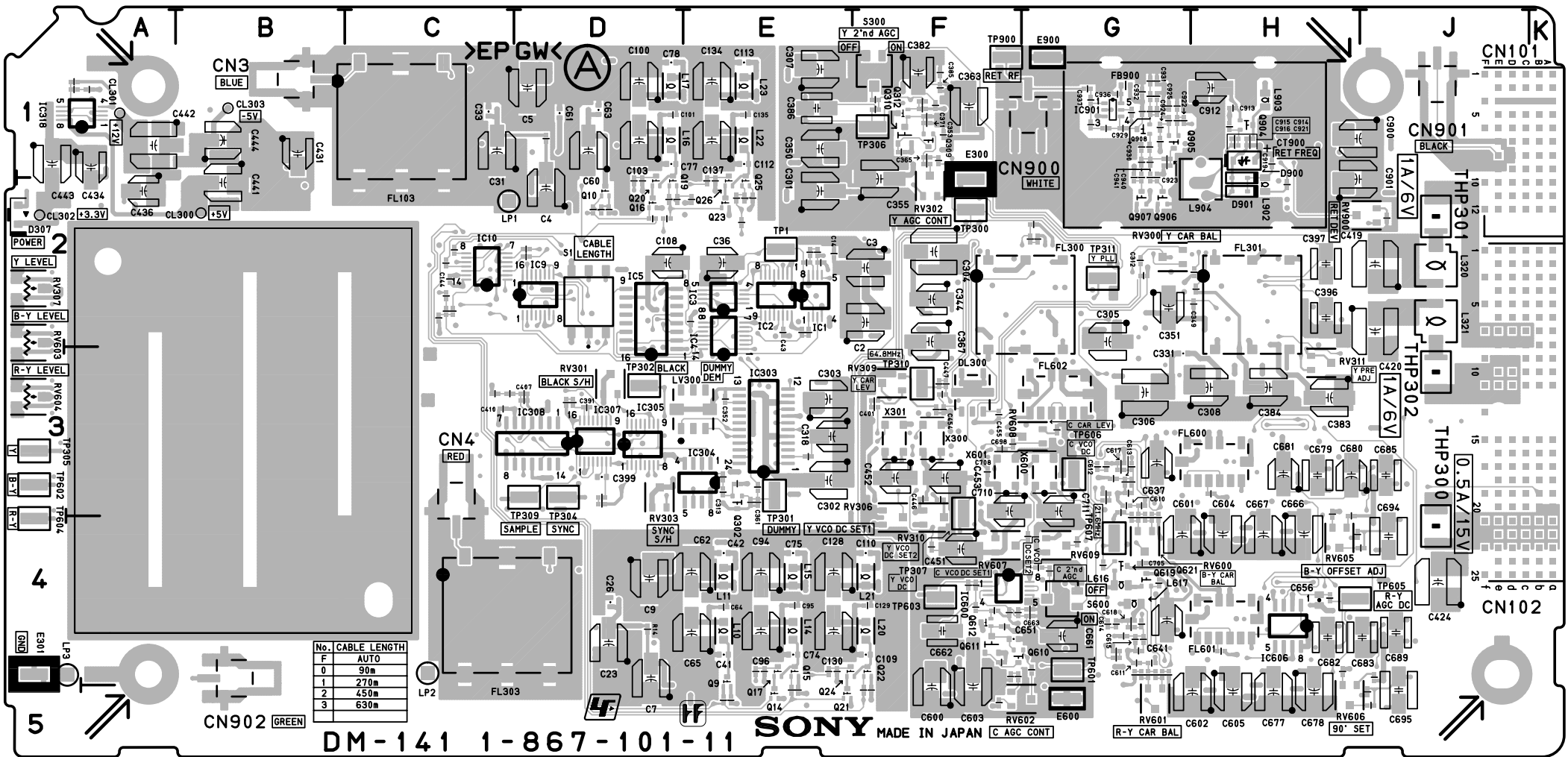
CN-2730 -A SIDE-
SUFFIX: -12



CN-2730 -B SIDE-
SUFFIX: -12

DM-141 (1-867-101-11)

C1	*F2	C93	*D1	C335	*E3	C440	*B1
C2	F2	C94	E4	C336	*F2	C441	B2
C3	F2	C95	E4	C337	*F2	C442	A1
C4	D2	C96	E4	C338	*F1	C443	A1
C5	D1	C97	*E4	C339	*G2	C444	B1
C6	*E2	C98	*D1	C342	*F2	C445	*F3
C7	D4	C99	D1	C343	*H2	C446	F3
C8	*F2	C100	D1	C344	F2	C447	F3
C9	D4	C101	D1	C345	*G2	C450	*F1
C10	*D2	C102	*E5	C346	*G2	C451	F4
C11	*D1	C103	D1	C348	*F1	C452	F3
C12	*D4	C104	*D1	C349	H2	C453	F3
C13	*D4	C105	*E4	C350	E1	C454	F3
C14	E2	C106	*D2	C351	G2	C455	F3
C15	*F2	C107	*D2	C352	E3	C600	F5
C16	*E2	C108	D2	C353	F1	C601	G4
C17	*E2	C109	F4	C354	*E3	C602	H5
C18	*D4	C110	F4	C355	F2	C603	F5
C19	*D4	C111	*D3	C357	*D3	C604	H4
C20	*D4	C112	E1	C358	*E3	C605	H5
C21	*C1	C113	E1	C361	E3	C606	*G4
C22	*E2	C114	*E4	C362	*F1	C607	*G4
C23	D4	C115	*E4	C363	F1	C608	*F4
C24	*C1	C116	*E4	C364	*G3	C609	*F4
C25	*C1	C117	*E4	C365	F1	C610	G3
C26	D4	C118	*E4	C366	*D3	C611	G4
C27	*C1	C119	*E4	C367	F2	C612	G3
C28	*C1	C120	*F4	C368	*F2	C613	G3
C29	*C1	C121	*F4	C369	*G2	C614	G4
C30	*D4	C122	*E1	C370	*H2	C615	G4
C31	C1	C123	*E1	C371	F1	C616	*F4
C32	*D4	C124	*E1	C372	*D3	C617	G3
C33	C1	C125	*E1	C373	*H2	C618	G4
C34	*D4	C126	*E1	C375	*F1	C619	*G4
C35	*D4	C127	*E1	C376	*H3	C620	*G4
C36	E2	C128	E4	C377	*F1	C621	*G3
C37	*C1	C129	F4	C378	*H3	C622	*G4
C38	*D1	C130	E4	C379	*G2	C623	*F4
C39	*D1	C131	*F4	C380	*H2	C624	*G3
C40	*D1	C132	*E1	C381	*H2	C625	*G4
C41	E4	C133	*E1	C382	F1	C626	*G4
C42	E4	C134	E1	C383	H3	C627	*G4
C43	E2	C135	E1	C384	H3	C628	*G4
C44	*E2	C136	*F4	C385	F1	C629	*G3
C45	*E4	C137	E1	C386	E1	C630	*G3
C46	*E4	C138	*E1	C387	*F1	C631	*G4
C47	*E4	C139	*F4	C389	*F1	C632	*G5
C48	*E4	C140	*E2	C390	*H2	C633	*G4
C49	*E4	C141	*F4	C391	D3	C634	*F4
C50	*E4	C142	*E1	C392	*F2	C635	*H4
C51	*E4	C143	*E1	C393	*H2	C636	*G3
C52	*D1	C144	C2	C395	*F2	C637	G3
C53	*D1	C145	*D1	C396	H2	C638	*F4
C54	*D1	C150	*C1	C397	H2	C639	*G4
C55	*D1	C151	*D4	C399	D3	C640	*G4
C56	*D1	C152	*C1	C400	*F3	C641	G4
C57	*D1	C153	*D1	C401	F3	C642	*G4
C58	*E4	C154	*D1	C402	*H2	C643	*H3
C59	*E2	C300	*E3	C403	*H2	C644	*G5
C60	D1	C301	E2	C404	*F3	C645	*F4
C61	D1	C302	E3	C406	*D3	C646	*H4
C62	E4	C303	E3	C407	D3	C647	*F4
C63	D1	C304	F2	C408	*F3	C648	*H3
C64	E4	C305	G2	C409	*F3	C649	*H3
C65	E4	C306	G3	C410	C3	C650	*H4
C66	*E4	C307	E1	C411	*D3	C651	F4
C67	*D1	C308	H3	C414	*C3	C652	*H4
C68	*D1	C309	*E3	C415	*C3	C653	*H3
C69	*D4	C310	*E3	C416	*D3	C654	*F4
C70	*D1	C311	*F2	C417	*J2	C655	*F4
C71	*E4	C312	G2	C418	*J2	C656	H4
C72	*D1	C313	E3	C419	J2	C657	*H3
C73	*E3	C314	*E1	C420	J2	C658	*H3
C74	E4	C315	*E3	C421	*A1	C659	*H3
C75	E4	C316	*F2	C422	*B1	C660	*H3
C76	*D1	C317	*E1	C423	*B1	C661	G4
C77	D1	C318	E3	C424	J4	C662	F4
C78	D1	C319	*E3	C425	*A1	C663	G4
C79	*E4	C320	*G2	C426	*B1	C664	*H3
C80	*E4	C321	*E3	C427	*A1	C665	*H3
C81	*E4	C322	*F3	C428	*A1	C666	H4
C82	*E4	C323	*F3	C429	*B1	C667	H4
C83	*E4	C324	*G3	C430	*B1	C668	*F4
C84	*E4	C325	*G3	C431	B1	C669	*H4
C85	*E4	C326	*F1	C432	*B1	C670	*F4
C86	*D2	C327	*E3	C433	*A1	C671	*H4
C87	*E4	C328	*G3	C434	A1	C672	*H4
C88	*D1	C329	*E3	C435	*A2	C673	*H4
C89	*D1	C330	*G3	C436	A2	C674	*H4
C90	*D1	C331	*G3	C437	*A2	C675	*H4
C91	*D1	C332	*F1	C438	*A2	C676	*H4
C92	*D1	C334	*E3	C439	*A2	C677	H5





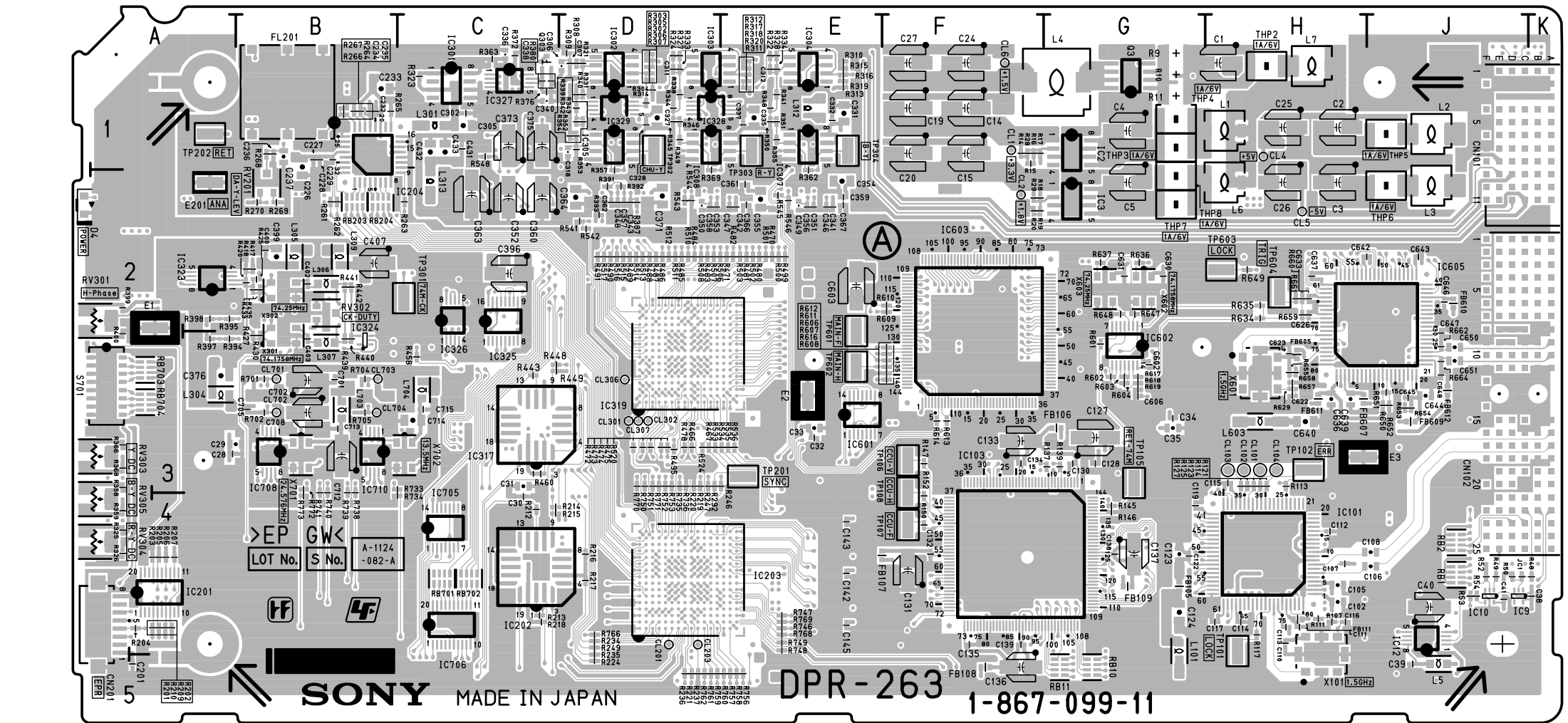
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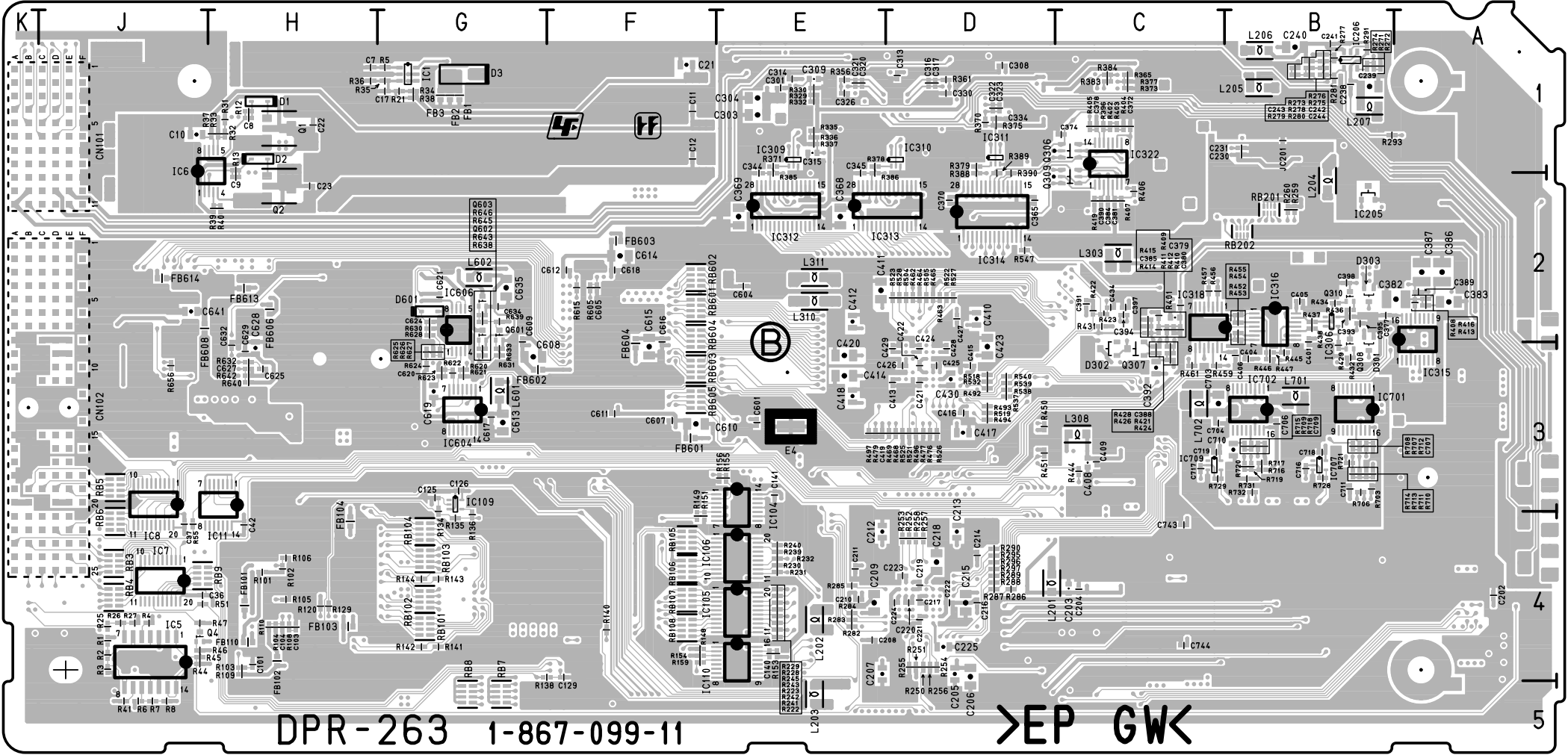
1 - 867 - 101 - 11

DM-141 -B SIDE-
SUFFIX: -11

R53	*E2	R83	*D1	R113	*D2	R143	*D1	R175	*E1	R205	D2	R309	*F2	R340	*G2	R375	*G3	R408	*F2	R439	*H2	R470	*H3	R504	*H2	R540	*C3	R645	*G4	R737	*F4	R908	*H1	TP608	G4
R54	*E2	R84	*D1	R114	E2	R144	*D1	R176	*E1	R206	C2	R310	*E3	R341	*G2	R376	*H2	R409	*F1	R440	*G2	R472	*G2	R506	*H2	R541	*D3	R647	*G4	R738	*H4	R909	*H1	TP607	G4
R55	*E2	R85	*D1	R115	E2	R145	*D1	R177	*F4	R207	C2	R311	*E3	R342	*G3	R377	*H2	R410	*F2	R441	*H3	R473	*H2	R507	*F4	R542	*A1	R648	G4	R740	*H4	R910	*H1	TP900	F1
R56	*E2	R86	*D1	R116	E4	R146	*D1	R178	*F4	R208	C2	R312	*F2	R343	*G3	R378	*F1	R411	*E3	R442	F1	R474	G2	R508	*F4	R543	*A1	R649	*G3	R741	*H4	R912	*H2	X300	F3
R57	*E2	R87	*D1	R117	*E4	R147	*D5	R179	*E1	R209	*D2	R313	*F2	R344	*E3	R379	*F2	R412	E3	R443	*G2	R475	G2	R509	*F4	R544	*A1	R650	*G3	R742	*H3	R913	*H2	X301	F3
R58	*E2	R88	*E4	R118	D2	R148	*E5	R180	*E1	R210	*C1	R314	*F2	R345	*F2	R380	*F2	R413	*D3	R444	*H2	R476	G2	R510	*F4	R545	*A1	R651	*G4	R743	*H4	R914	*H2	X600	G3
R59	*E2	R89	*E4	R119	*E2	R149	F5	R181	*E1	R211	*C1	R315	*F2	R346	*F3	R381	*F1	R414	*H2	R445	F1	R478	*G2	R511	*D3	R546	*A1	R652	*G4	R744	*H4	R915	*H2	X601	F3
R60	*E2	R90	*E4	R120	*E2	R152	F5	R182	*F4	R212	*D4	R316	*F2	R347	*F1	R383	*H2	R415	H2	R446	*D3	R479	*G2	R512	*F3	R547	*A1	R653	*G4	R745	*H4	R916	*H2		
R61	*E2	R91	*E4	R121	E4	R153	*D2	R183	*F4	R213	*D4	R317	*F2	R348	*G2	R384	*H2	R416	*F1	R447	*H3	R480	*F2	R513	*F3	R548	*B1	R654	*G4	R746	*H4	R917	*H2	*.B	SIDE
R62	*E2	R92	*E2	R122	*E4	R154	*D2	R184	*E1	R214	*D1	R318	E3	R349	*G3	R385	*F2	R417	*D3	R448	*G2	R481	*H2	R514	*F3	R549	*B1	R655	*G4	R747	*H4	R918	*H1		
R63	*E2	R93	*D1	R123	*E4	R155	E2	R185	*E1	R215	*C1	R319	*G2	R352	*F1	R386	*F2	R418	*D3	R449	*G2	R482	D3	R515	*F3	R550	*A1	R656	*G5	R748	*H4	R919	*H1		
R64	*E2	R94	*D1	R124	E4	R156	E2	R186	C2	R216	*D1	R320	*G2	R353	*F2	R387	*F2	R419	*F2	R450	F1	R483	D3	R516	*H2	R551	*A1	R657	*G4	R749	*H4	R920	*H2		
R65	*D4	R95	*D1	R125	D2	R157	E4	R187	*E1	R217	D2	R321	*G2	R354	E3	R388	*F2	R420	*H2	R451	*H3	R484	*H2	R517	D3	R554	A1	R658	*G4	R750	*H3	R922	*H2		
R66	*D1	R96	*D1	R126	*D2	R158	E4	R188	*E1	R218	D2	R322	*G2	R355	*F1	R389	*F2	R421	*G2	R452	*D3	R485	*F2	R518	D3	R555	A1	R659	*G4	R751	*H4	R923	H2		
R67	E5	R97	*D1	R127	*E4	R159	E2	R189	*F5	R219	D2	R323	*G2	R356	*F2	R390	*H2	R422	*G2	R453	*G2	R486	*H2	R519	*D3	R556	A1	R660	*G4	R752	*H4	R924	*H1		
R68	*D4	R98	*D1	R128	*E4	R160	E4	R190	*E5	R220	*D1	R324	*G2	R357	*F2	R391	*H2	R423	*G2	R455	*H3	R488	*H2	R520	*D3	R557	*A1	R661	*F4	R753	*H3	R925	*H1		
R69	*D4	R99	*D1	R129	*E4	R161	*E4	R191	*C1	R221	*E1	R325	*E1	R358	*E3	R392	H2	R424	*G3	R456	*G2	R489	*F4	R521	F3	R558	*A1	R662	*G4	R754	*H3	R926	*H1		
R70	E5	R100	*D1	R130	*D2	R162	*E4	R192	*C2	R222	*D1	R326	E3	R359	*E3	R393	*F2	R425	*G3	R457	F1	R490	*H2	R522	F3	R559	*B1	R663	*G4	R755	*H3	R927	*H1		
R71	*D1	R101	E2	R131	D2	R163	*E4	R193	*F4	R223	D2	R327	E3	R361	*E3	R394	*H2	R426	F1	R458	*D3	R491	*D3	R523	*D3	R560	*B1	R664	*G5	R756	*H4	R928	H1		
R72	D2	R102	*E5	R132	*D1	R164	E2	R194	*F4	R224	E2	R328	*F3	R363	*F1	R396	*F1	R427	*G2	R459	*H3	R492	D3	R524	*F3	R561	*B2	R665	*G4	R757	*H3	R929	G1		
R73	*D4	R103	*E5	R133	*D1	R165	*E1	R195	*D2	R225	E2	R329	*F1	R365	*F2	R397	*F3	R428	*G3	R460	*H2	R493	*F3	R525	*F3	R562	*A1	R666	*G3	R758	*H3	R930	G1		
R74	*D4	R104	*D1	R134	*D1	R166	*D2	R196	*D2	R226	C2	R330	*F2	R366	*G2	R398	*H2	R429	*H3	R461	F1	R494	*F4	R527	D3	R564	*B2	R667	*G3	R759	*H3	R931	G1		
R75	*D4	R105	E5	R135	*E4	R167	*E4	R197	*D2	R300	*E3	R331	*F2	R367	*E3	R399	*H2	R430	*F2	R462	F1	R495	*H2	R528	C3	R565	*A1	R668	*G3	R761	*H3	R932	G1		
R76	*D1	R106	E2	R136	*E4	R168	*E4	R198	*D2	R301	*F2	R332	*F2	R368	*G2	R400	*H2	R431	*F2	R463	*G2	R496	*D3	R529	C3	R566	*A1	R669	*F4	R763	*J3	R933	G1		
R77	*D1	R107	*E2	R137	*E4	R169	*E4	R199	*E2	R302	G2	R333	*F2	R369	*G2	R401	*H2	R432	*F2	R464	F1	R497	*C3	R531	*D3	R567	*A2	R670	*F4	R764	*H4	R934	G1		
R78	*E4	R108	E5	R138	*D1	R170	*D2	R200	*E2	R303	*E1	R334	*F3	R370	*F2	R402	*H2	R433	*F2	R465	*G2	R498	*F4	R534	F3	R568	*A2	R671	*G3	R765	*H4	R935	*G2		
R79	*E4	R109	*E2	R139	*D1	R171	E2	R201	*E1	R304	*E1	R335	*E1	R371	*F2	R403	*F2	R434	F1	R466	*H3	R499	*F3	R535	F3	R570	*B1	R672	*G3	R766	*H4	R936	*G2		
R80	*E4	R110	*E3	R140	*D2	R172	*D2	R202	*E2	R305	*E1	R336	*E1	R372	*F2	R404	*F1	R435	*D3	R467	*G2	R500	*F3	R536	*D3	R571	*B1	R673	*H4	R767	*J3	R937	G1		
R81	D2	R111	*D2	R141	*E4	R173	*D2	R203	C2	R306	*E1	R337	*G3	R373	*F2	R405	*E3	R437	*H2	R468	*H3	R501	*H2	R538	*D3	R572	*A2	R674	*H4	R768	*J3	R939	G1		
R82	*D1	R112	*D2	R142	*E4	R174	*D1	R204	D2	R308	*F2	R339	*G3	R374	*G2	R406	*D3	R438	F1	R469	*G2	R503	*H2	R539	*C3	R573	*A1	R675	*H4	R769	*H4	R940	*G2		

C1	H1	C215	*D4	C370	*D2	C628	*H3
C2	H1	C216	*D4	C371	D2	C629	*H3
C3	H2	C217	*D4	C372	*C1	C630	G2
C4	G1	C218	*D4	C373	C1	C631	G2
C5	G2	C219	*D4	C374	*C1	C632	*H3
C7	*H1	C220	*D4	C375	C1	C633	H2
C8	*H1	C221	*D4	C376	A3	C634	*G2
C9	*H2	C222	*D4	C377	*B2	C635	*G2
C10	*J1	C223	*D4	C378	*C1	C636	H3
C11	*F1	C224	*D4	C379	*C2	C637	H2
C12	*F1	C225	*D4	C380	*C2	C639	H3
C14	F1	C226	B1	C381	*C2	C640	H3
C15	F1	C227	B1	C382	*A2	C641	*J2
C17	*G1	C228	B1	C383	*A2	C642	J2
C19	F1	C229	B1	C384	*C2	C643	J2
C20	F1	C230	*B1	C385	*C2	C644	J3
C21	*F1	C231	*B1	C386	*A2	C645	J3
C22	*H1	C232	B1	C387	*A2	C646	J2
C23	*H2	C233	B1	C388	*C3	C647	J3
C24	F1	C234	B1	C389	*A2	C648	J3
C25	H1	C235	B1	C390	*C2	C650	J3
C26	H2	C236	B1	C391	*C2	C651	J3
C27	F1	C237	B1	C392	*C3	C701	B3
C28	A3	C238	*B1	C393	*B2	C702	B3
C29	A3	C239	*B1	C394	*C2	C703	*C3
C30	C4	C240	*B1	C395	*B2	C704	*C3
C31	C3	C241	*B1	C396	C2	C705	B3
C32	E3	C242	*B1	C397	*C2	C706	*B3
C33	E3	C243	*B1	C398	*B2	C707	*B3
C34	G3	C244	*B1	C399	B2	C708	B3
C35	G3	C301	*E1	C400	B2	C709	*B3
C36	*J4	C302	C1	C401	*B3	C710	*B3
C37	*J4	C303	*E1	C402	B2	C711	*B3
C38	K4	C304	*E1	C403	B3	C712	B3
C39	J5	C305	C1	C404	*B3	C713	B3
C40	J4	C306	D1	C405	*B2	C714	C3
C41	J4	C307	D1	C406	*B3	C715	C3
C42	*H4	C308	*D1	C407	B2	C716	*B3
C101	*H4	C309	*E1	C408	*C3	C717	*C3
C102	H4	C311	D1	C409	*C3	C718	*B3
C103	*H4	C312	E1	C410	*D2	C719	*C3
C104	*H4	C313	*D1	C411	*E2	C743	
C105	H4	C314	*E1	C412	*E2	C744	*C4
C106	J4	C315	*E1	C413	*D3		
C107	H4	C316	*D1	C414	*E3	CL1	F1
C108	J4	C317	*D1	C415	*D3	CL2	F2
C110	H4	C318	D1	C416	*D3	CL4	H1
C111	H4	C320	*E1	C417	*D3	CL5	H2
C112	H4	C321	*E1	C418	*E3	CL6	F1
C113	H4	C322	*D1	C419	*E3	CL101	H3
C114	H4	C323	*D1	C420	*E3	CL102	H3
C115	H3	C326	*E1	C421	*D3	CL103	H3
C116	H4	C327	D1	C422	*D3	CL104	H3
C117	H4	C328	D1	C423	*D3	CL201	D4
C119	G4	C330	*D1	C424	*D3	CL203	D4
C122	G4	C331	E1	C425	*D3	CL301	D3
C123	G4	C332	E1	C426	*D3	CL302	D3
C124	G4	C334	*D1	C427	*D2	CL306	D3
C125	*G3	C335	E1	C428	*D3	CL307	D3
C126	*G3	C336	C1	C429	*D3	CL701	B3
C127	G3	C337	E1	C430	*D3	CL702	B3
C128	G3	C338	C1	C431	C1	CL703	B3
C129	*F4	C340	C1	C432	C1	CL704	B3
C130	G3	C341	E2	C433	C1		
C131	F4	C342	E2	C434	*C2	CN101	J1
C132	F4	C343	D2	C601	*E3	CN102	K3
C133	F3	C344	*E2	C602	G3	CN201	A4
C134	F3	C345	*E2	C603	E2		
C135	F4	C346	E2	C604	*E2	D1	*H1
C136	F5	C347	E2	C605	*F2	D2	*H1
C137	G4	C348	D2	C606	G3	D3	*G1
C138	G4	C349	E2	C607	*F3	D4	A2
C139	F4	C350	D2	C608	*G3	D301	*B3
C140	*E4	C351	E2	C609	*G3	D302	*C3
C141	*E3	C352	C2	C610	*F3	D303	*B2
C142	E4	C353	D2	C611	*F3	D601	*G2
C143	E4	C354	E2	C612	*F2		
C145	E4	C355	E2	C613	*G3	E1	A2
C201	A5	C356	E2	C614	*F2	E2	E3
C202	*A4	C357	D2	C615	*F3	E3	H3
C203	*C4	C358	D2	C616	*F3	E4	*E3
C204	*C4	C359	E2	C617	*G3	E201	A2
C205	*D4	C360	C2	C618	*F2		
C206	*D4	C361	E2	C619	*G3	FB1	*G1
C207	*E4	C362	D2	C620	*G3	FB2	*G1
C208	*E4	C363	C2	C621	*G2	FB3	*G1
C209	*E4	C364	D2	C622	H3	FB101	*H4
C210	*E4	C365	*D2	C623	H3	FB102	*H4
C211	*E4	C366	E2	C624	*G2	FB103	*H4
C212	*E4	C367	E2	C625	*H3	FB104	*H4
C213	*D4	C368	*E2	C626	H2	FB105	G4
C214	*D4	C369	*E2	C627	*H3	FB106	G3





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R396	*C1	R425	B2	R454	*B2	R483	D2	R514	D2	R546	E2	R627	*G3	R658	H3	R731	*B3	R771	D3	RB603	*F3	TP107	F4
R397	A3	R426	*C3	R455	*B2	R484	D2	R515	D2	R547	*D2	R628	*G2	R659	H2	R732	*B3	R772	B3	RB604	*F2	TP108	F3
R398	A2	R427	B3	R456	*C2	R485	D2	R516	D2	R548	C1	R629	H3	R660	H2	R733	B3	R773	B4	RB605	*F3	TP201	E3
R399	A2	R428	*C3	R457	*C2	R486	D2	R517	D2	R601	G3	R630	*G2	R661	H2	R734	B4			RB701	C4	TP202	A1
R400	A3	R429	*B3	R458	C3	R487	D2	R518	*D3	R602	G3	R631	*G3	R662	J3	R735	D3	RB1	J4	RB702	C4	TP301	C2
R401	*C2	R430	B3	R459	*C3	R488	D2	R519	*D3	R603	G3	R632	*H3	R664	J3	R736	D3	RB2	J4	RB703	A3	TP302	D1
R402	*C1	R431	*C2	R460	C3	R489	D2	R520	D3	R604	G3	R633	*G3	R701	B3	R738	B3	RB3	*J4	RB704	A3	TP303	E1
R403	*C1	R432	*B3	R461	*C3	R490	D2	R521	*D3	R605	*F2	R634	H2	R702	B3	R739	B3	RB4	*J4			TP304	E1
R404	*C1	R433	B2	R462	*D2	R491	D2	R522	*D2	R606	F3	R635	H2	R703	*B3	R740	B3	RB5	*J3	RV201	B2	TP601	E3
R405	*C1	R434	*B2	R463	*D2	R492	*D3	R523	*D2	R607	F3	R636	G2	R704	B3	R741	B3	RB6	*J4	RV301	A2	TP602	E3
R406	*C2	R435	B2	R464	*D2	R493	*D3	R524	D3	R608	F3	R637	G2	R705	B3	R746	E4	RB7	*G5	RV302	B2	TP603	H2
R407	*C2	R436	*B2	R465	*D2	R494	*D3	R525	*D3	R609	F2	R638	*G3	R706	*B3	R747	E4	RB8	*G5	RV303	A3	TP604	H2
R408	*A2	R437	*B2	R466	D3	R495	D3	R526	*D3	R610	F2	R639	*G2	R707	*B3	R748	E4	RB9	*J4	RV304	A4		
R409	*C2	R438	*B2	R467	D3	R496	*D3	R527	*D2	R611	F3	R640	*H3	R708	*B3	R749	E4	RB10	G5	RV305	A4	X101	H4
R410	*C2	R439	B3	R468	*D3	R497	*E3	R528	*D2	R612	F3	R642	*H3	R709	*B3	R750	D3	RB11	G5			X301	B3
R411	*C2	R440	B3	R469	*D3	R499	E2	R532	*D3	R613	F3	R643	*G3	R710	*B3	R751	D3	RB101	*G4	S701	A3	X302	B2
R412	*C2	R441	B2	R470	E2	R500	E2	R533	D3	R614	F3	R645	*G2	R711	*B3	R752	D3	RB102	*G4			X601	H3
R413	*A2	R442	B2	R471	E2	R501	E2	R534	E3	R615	*F2	R646	*G2	R712	*B3	R753	D3	RB103	*G4	THP2	H1	X602	G2
R414	*C2	R443	C3	R472	D3	R502	E2	R535	E3	R616	F3	R647	G2	R713	*B3	R756	E5	RB104	*G4	THP3	G1	X603	G2
R415	*C2	R444	*C3	R473	D3	R503	E2	R536	E3	R617	G3	R648	G2	R714	*B3	R757	E5	RB105	*F4	THP4	G1	X701	B3
R416	*A2	R445	*B3	R474	D3	R504	*D2	R537	*D3	R618	G3	R649	H2	R715	*B3	R758	E5	RB106	*F4	THP5	J1	X702	C3
R417	B2	R446	*B3	R475	D3	R505	*D2	R538	*D3	R619	G3	R650	J3	R716	*B3	R759	D5	RB107	*F4	THP6	J2		
R418	B2	R447	*B3	R476	*D3	R506	E2	R539	*D3	R620	*G3	R651	J3	R717	*B3	R760	E5	RB108	*F4	THP7	G2	*:B SIDE	
R419	*C2	R448	C3	R477	*D3	R507	D2	R540	*D3	R621	*G3	R652	J3	R718	*B3	R761	D5	RB201	*B2	THP8	G2		
R420	B2	R449	C3	R478	D3	R508	D2	R541	D2	R622	*G3	R653	J3	R719	*B3	R762	D5	RB202	*B2				
R421	*C3	R450	*D3	R479	*E3	R510	D2	R542	D2	R623	*G3	R654	J3	R720	*B3	R766	D4	RB203	B2	TP101	H4		
R422	*C2	R451	*D3	R480	E2	R511	D2	R543	D2	R624	*G3	R655	H3	R721	*B3	R768	E4	RB204	B2	TP102	H3		
R423	*C2	R452	*B2	R481	E2	R512	D2	R544	D2	R625	*G3	R656	*J3	R728	*B3	R769	E4	RB601	*F2	TP105	G3		
R424	*C3	R453	*B2	R482	E2	R513	D2	R545	E2	R626	*G3	R657	H3	R729	*C3	R770	D3	RB602	*F2	TP106	F3		

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)

