

SONY®

CAMERA COMMAND NETWORK UNIT

CNU-700

CNU IF BOARD
BKP-7930

MAINTENANCE MANUAL

3rd Edition (Revised 2)

Serial No. 18001 through 18206: CNU-700 (UC)

Serial No. 38001 through 38072: CNU-700 (J)

Serial No. 48001 through 48207: CNU-700 (CE)

Serial No. 110001 and Higher: CNU-700 (SY)

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.

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 Maintenance Manual.

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

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Manual Structure

Purpose of this manual

This manual is the maintenance manual for Camera Command Network Unit CNU-700. This manual describes the information items necessary when the unit is supplied and installed, items on maintenance, and items that premise the service based on the components parts such as schematic diagrams, board layouts and spare parts list, assuming use of system and service engineers.

Related manuals

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

- **CNU-700 Operation Manual (Supplied with this unit)**

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

- **System manual (Not supplied with this unit)**

This manual is necessary for connection and operation of this unit and other peripheral equipment. If this manual is required, please contact your local Sony Sales Office/Service Center.

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

This “Semiconductor Pin Assignments” CD-ROM allows you to search for semiconductors used in Broadcasting & Professional Systems Company equipment.

Semiconductors that cannot be searched for on this CD-ROM are listed in the maintenance manual for the corresponding unit. The maintenance manual contains a complete list of all semiconductors and their ID Nos., and thus should be used together with the CD-ROM.

Part number: 9-968-546-XX

Contents

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

Section 1 Installation

Describes information about connector input/output signals, instance of configuration and function of internal switches.

Section 2 Service Overview

Describes information about replacement of part and PROM IC.

Section 3 Spare Parts

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

Section 4 Semiconductor Pin Assignments

This section contains information on semiconductors used for the unit.

It includes a complete list of the semiconductors and their ID Nos. for retrieving information on “Semiconductor Pin Assignments” CD-ROM, which is available separately.

Please refer to this section together with the “Semiconductor Pin Assignments” CD-ROM.

Information on the semiconductors not contained in the CD-ROM at the time of issue of this manual, if any, is given in this section as well.

Section 5 Block Diagrams

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

Section 6 Schematic Diagrams

Describes schematic diagrams for every circuit board.

Section 7 Board Layouts

Describes board layouts for every circuit board.

Section 1

Installation

1-1. Supplied Accessories

CNU-700 (UC, CE)

Accessories	Sony Part No.	Qt'y
⚠ Power Cord (for UC) With 3P-plug Length : about 2.4 m Rated voltage : 125 V Rated current : 10 A	1-551-812-11	1
⚠ Power Cord (for CE) Without plug Length : about 2.5 m Rated voltage : 250 V Rated current : 10 A	1-782-929-11	1
⚠ Fuse (for UC) (5 A, 125 V)	1-532-747-11	1
⚠ Fuse (for CE) (T4AH, 250 V)	1-576-231-11	1
Plug holder B (for UC)	2-990-242-01	1
C (for CE)	3-613-640-01	1
Operation Manual	—	1
Maintenance Manual	—	1

CNU-700 (SY)

Accessories	Sony Part No.	Qt'y
⚠ Fuse (5 A, 125 V)	1-532-747-11	1
Operation Manual	—	1

1-2. Recommended Power Cord (for SY only)

This unit does not come with a power cord.

To get a power cord, please contact your local Sony Sales Office/Service Center.

WARNING

- Use the approved Power Cord (3-core mains lead)/Appliance Connector/Plug with earthing-contacts that conforms to the safety regulations of each country if applicable.
- Use the Power Cord (3-core mains lead)/Appliance Connector/Plug conforming to the proper ratings (Voltage, Ampere).

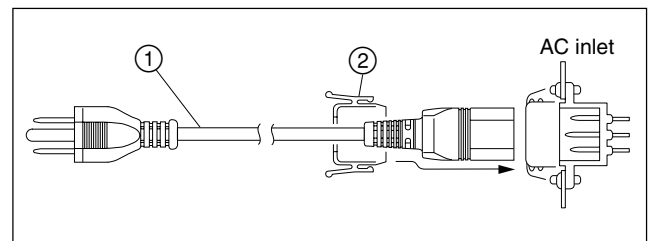
If you have questions on the use of the above Power Cord/ Appliance Connector/Plug, please contact your local Sony Sales Office/Service Center.

WARNING

- Never use an injured power cord.

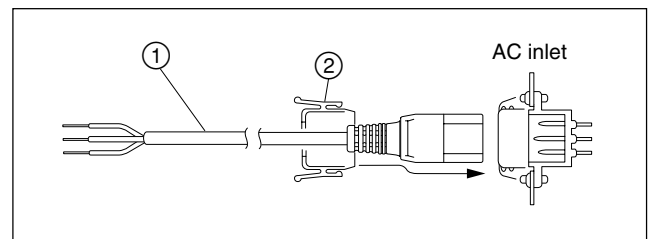
For customers in the U.S.A. and Canada:

- ① Power cord 125 V 10 A (2.4 m): ⚠ 1-551-812-11
- ② Plug holder (Brown): 2-990-242-01



For customers in European countries:

- ① Power cord 250 V 10 A (2.4 m): ⚠ 1-782-929-22
- ② Plug holder (Brown): 2-990-242-01



If the unit is used in the area except above, please contact your local Sony Sales Office/Service Center.

1-3. Adaptive Connectors and Cables

1-3-1. Connectors Input and Output signals

Main connector input and output signals are as follows.

BNC connector 75 Ω

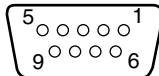
[Input Signal]

- REFERENCE 300 mV p-p, loop through

[Output Signal]

- CHARACTER 700 mV p-p,
300 mV p-p (SYNC)

RS232C-1/2/3 *1 (9P, FEMALE)



(EXTERNAL VIEW)

RS232C

No.	Signal	Specifications
1	DCD IN	DATA CARRIER DETECT
2	RXD IN	RECEIVED DATA
3	TXD OUT	TRANSMITTED DATA
4	DTR OUT	DATA TERMINAL READY
5	SIGNAL GND	SIGNAL GND
6	DSR IN	DATA SET READY
7	RTS OUT	REQUEST TO SEND
8	CTS IN	CLEAR TO SEND
9	NC	—

RS422 *2

No.	Signal	Specifications
1	DCD IN	DATA CARRIER DETECT
2	RXD (+) IN	RECEIVED DATA
3	TXD (+) OUT	TRANSMITTED DATA
4	TXD (−) OUT	TRANSMITTED DATA
5	SIGNAL GND	SIGNAL GND
6	RXD (−) IN	RECEIVED DATA
7	RTS OUT	REQUEST TO SEND
8	CTS IN	CLEAR TO SEND
9	NC	—

*1 The RS232C-3 port can be used only when BKP-7930 is installed.

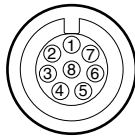
*2 The RS232C-2 and RS232C-3 ports can be used for RS422 interface by changing the switch setting of S802 to S806 on IF-777 board.
(Suffix -21 and higher : S401 to S404, 406)

1-2 (E)

REMOTE (8P, FEMALE)

RCP/CCU/MSU/VCS

AUX 1/2/3/4



(EXTERNAL VIEW)

No.	Signal	Specifications
1	TX (+)	CNU SERIAL DATA
2	TX (−)	
3	RX (+)	MSU/RCP/CCU/VCS/AUX
4	RX (−)	SERIAL DATA
5	TX GND	GND for TX
6	POWER (+)	*3
7	POWER (−)	*3
8	SPARE	
	CHASSIS GND	CHASSIS GND

*3

CCU1 to CCU6 CONNECTOR

6PIN . . POWER (+) IN

7PIN . . POWER (−) IN

RCP1 to RCP6, AUX1, AUX2, MSU

6PIN . . POWER (+) OUT (RCP POWER +25 V)

7PIN . . POWER (−) OUT (GND for Power)

VCS CONNECTOR

6PIN . . NOT USED

7PIN . . NOT USED

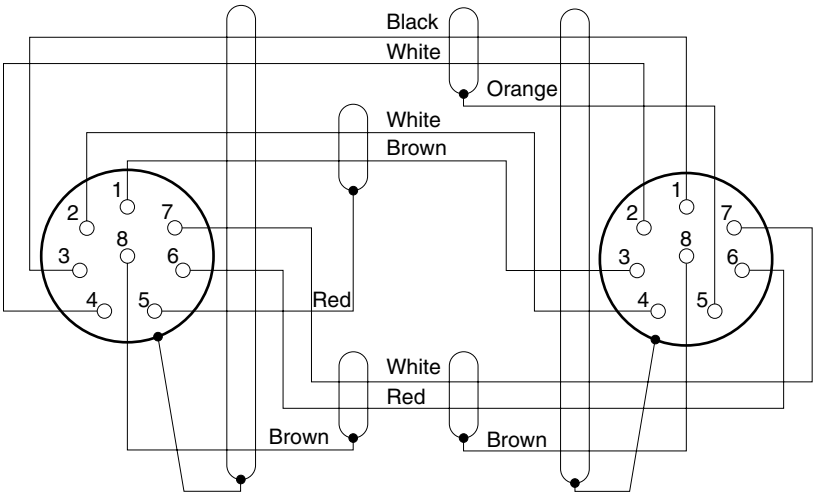
1-3-2. Connection Connector

Use the connectors below or the equivalent at its tip when cables are connected to each connector on the connector panel during installation and servicing.

Connector name	Connectoin connector/cable
REFERENCE CHARACTER (BNC)	1-569-370-12 Connector, BNC
RS232C (9P, FEMALE)	1-566-354-11 D-SUB, 9P MALE
CCU RCP MSU VCS AUX 1/2/3/4 (8P, FEMALE)	1-766-848-11 PLUG, 8P MALE or CCA cable assembly (option) CCA-5-10 (10 m) CCA-5-3 (3 m) CCA-5-30 (30 m)

1-3-3. Cable Wiring

CCA-5 Cable (for REMOTE connector)



1-4. Installation

1-4-1. Installation Conditions

Operating temperature : 0°C to +45°C
 Storage temperature : -20°C to +50°C
 Humidity: No condense

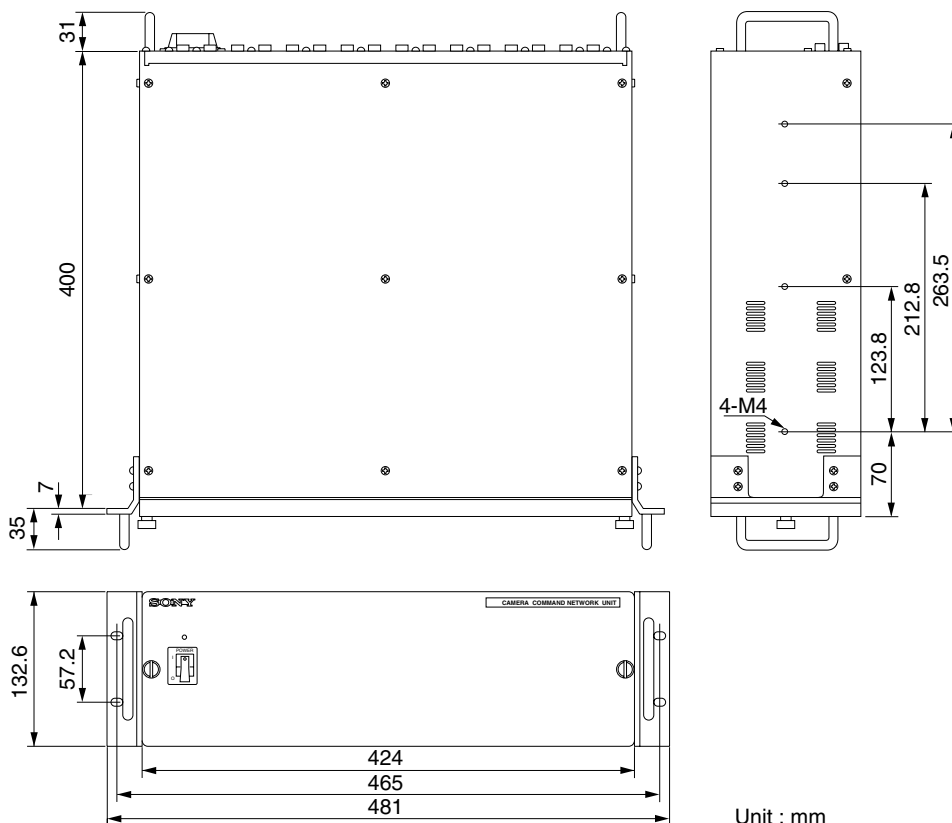
Power sources : AC 100 V to 120 V (UC)
 AC 110 V to 120 V/
 AC 220 V to 240 V (CE)

Power frequency : 50/60 Hz

Power current : 4 A (MAX) : UC,
 2.5 A (MAX) : CE

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.

1-4-2. Outside Dimensions



Unit : mm

1-4-3. How to Mount in 19-inch Rack

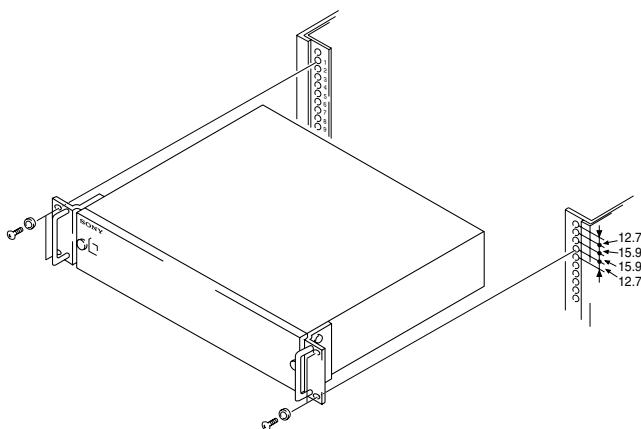
The unit can be mounted in a 19-inch EIA standard rack.
(The height of this unit is 3U.)

1. Fixing the rack angle to rack

Secure the right and left angles of the unit to the rack directly. This installation is enough good for daily use.
Have two or more persons to do the installation.

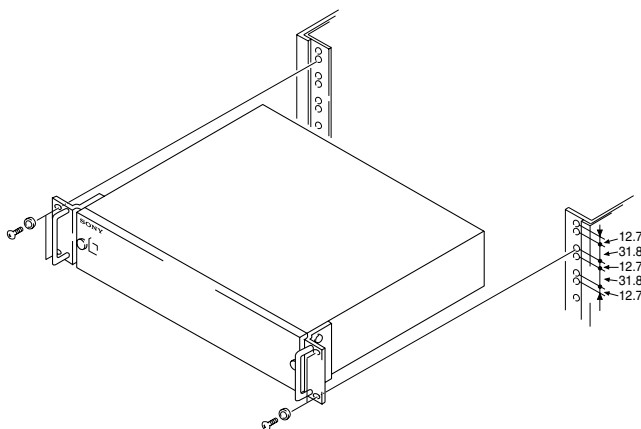
- Universal-type Rack

Secure the unit to the rack with the four screws.



- Wide-type Rack

Secure the unit to the rack with the four screws.



2. Using the slide rails

If using the slide rails, it is convenient for putting the unit in and out frequently.

Three kinds of rails are now available.

- a. RMM-30 (standard product)
- b. SUA-861 (standard product)
- c. Accuride® slide rails (commercially available)

- a. RMM-30 (1 set)

Applicable rack

- The depth is 660 to 830 mm (26 to 32 3/4 inches) for 22" rail.

Installation

- Refer to the installation manual supplied with the RMM-30.

Note

The slide rails of the RMM-30 is equivalent to the Accuride®'s 305A-22. If you use rails which are different in length, we recommend the Accuride® made.

- b. SUA-861 (1 set)

Applicable rack

- Sony SU-860 only

Installation

- Refer to the installation manual supplied with the SUA-861.

c. Accuride® slide rail

- Slide Rail: 1 set
Accuride®'s No. 305A-18 (454 mm) or
No. 305A-22 (556 mm)
- Bracket: 4
Accuride®'s No. 5517-2
- Inner member fixing screws (+B4 × 8): 6
- Other screws, nuts
Use parts recommended by Accuride®.
Manufacture: Accuride, Inc.

UNITED STATES

- Accuride
12311 Shoemaker Avenue
Santa Fe Springs, CA 90670
TEL 213-903-0200
FAX 213-903-0208
- Accuride
Quality Drive
Charlotte, NC 28217
TEL 704-588-5880
FAX 704-588-6316
- Accuride
1930 Parco Avenue
Ontario, CA 91761
TEL 714-923-9922
FAX 714-947-8586

WEST GERMANY

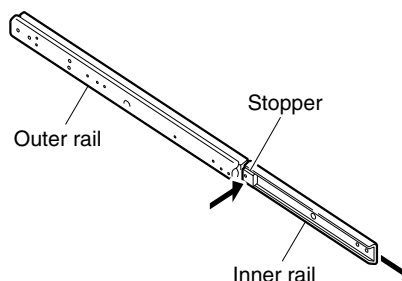
- Standard-Präzision GmbH
Postfach 1464
Werner-von-Siemens-Strasse 16-18
6252 Diez/Lahn West Germany
TEL 6432-6080
FAX 6432-60820

UNITED KINGDOM

- Accuride Limited
Lilliput Road
Brackmills Industrial Estate
Northampton, NN4 0AR
United Kingdom
TEL 604-761111
FAX 604-767190

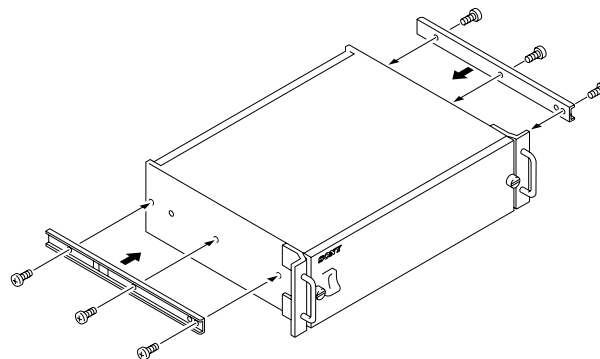
Installation

1. Pull out the inner rail while pressing the stopper.

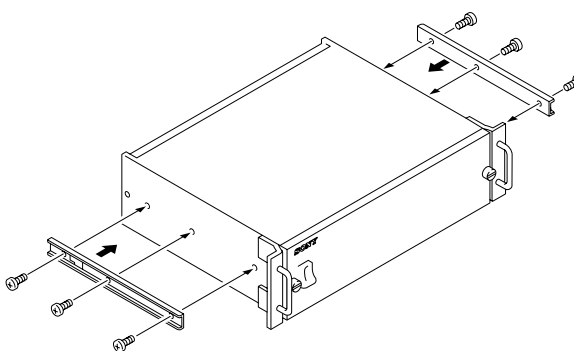


2. Fit the inner rail removed in step 1 to the unit using the six screws (+B4 × 8).

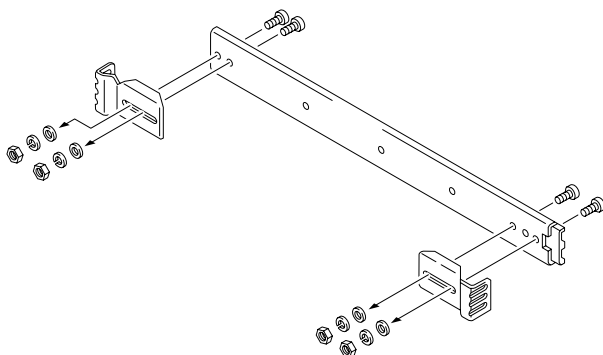
- Model 305A-22



- Model 305A-18

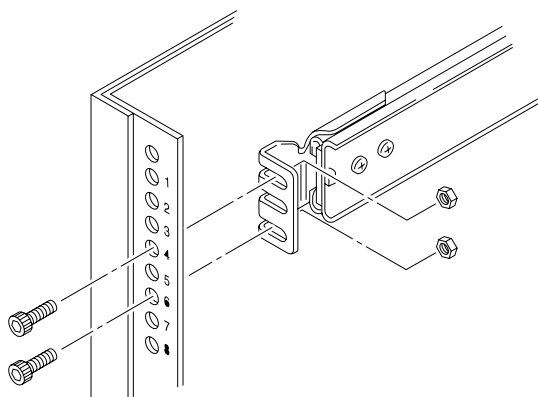


3. Temporarily fit the brackets to both ends of outer rail using the four screws (+B4 $\times$ 12).

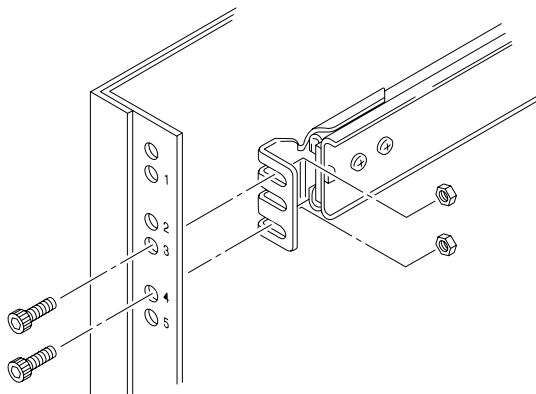


4. Adjust the position of the bracket in line with the rack depth and tighten the screws fixing the bracket.
5. Fit the bracket to the rack using the two hexagonal socket head bolts.

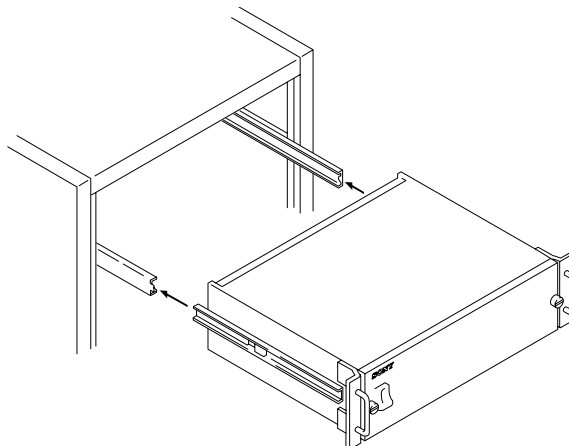
- Universal-type Rack



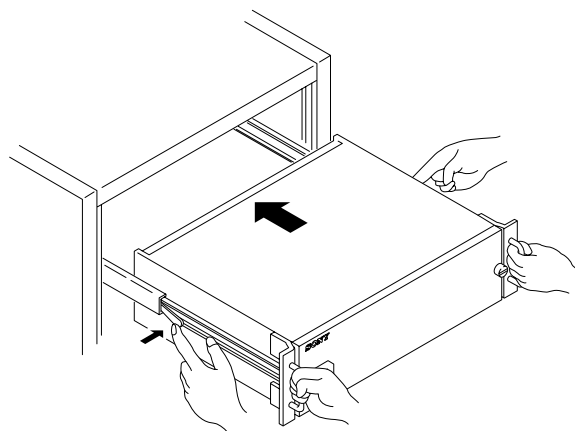
- Wide-type Rack



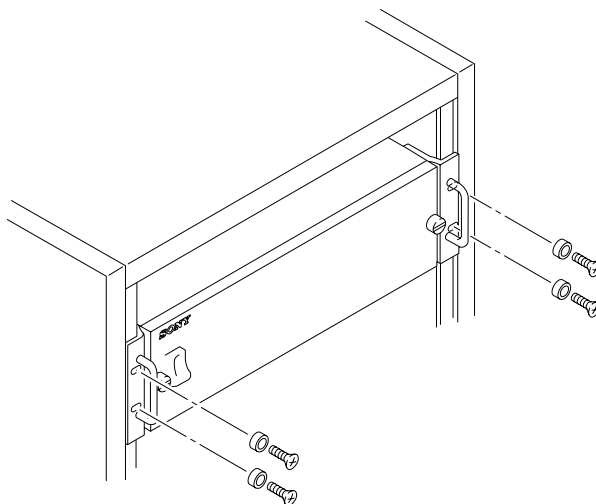
6. Pull out the outer rails.



7. While pressing the stoppers, slide the inner rails fully into the outer rails.
Have two or more persons to do this work.



8. Secure the rack angles to the rack with the four screws (M5 $\times$ 10) and the four ornamental washers (ϕ 5).



1-5. Function of Switches on PC Board

AT-89A board

- S3-1 (625/525 SELECTION) (Suffix-21 only: S302-1)
Used to enable selecting the mode of the CHARACTER output signal when the video signal is not input to the REFERENCE terminal. When the switch is set to ON, the output signal becomes 625 line. When the switch is set to OFF (to figure side), the output signal becomes 525 line.
Factory-setting: OFF (for UC)
ON (for CE)
- S3-2 (Not used)
Factory-setting: OFF
- S3-3 (Suffix-21 only: S302-3)
When this switch is set to ON, “ALL” function of the MSU will be applied to the camera for which ACTIVE is indicated on the MSU.
If this switch is set to OFF, “ALL” function of the MSU will be applied to all cameras connected to the CNU-700 at the same time.
Factory-setting: OFF
- S3-4 to S3-7 (Not used)
Factory-setting: All OFF
- S3-8 (TEST MODE ON/OFF) (Suffix-21 only: S302-8)
All setting data of the unit can be initialized by means of the following procedures.
Note
Since the setting data such as RCP ASSIGNMENT, etc. will be initialized, special care should be taken when executing this test.
Factory-setting: OFF
 1. Turn off the power of CNU-700.
 2. Set S3-8 to on. Set S3-1 through S3-7 to OFF.
 3. Set the MODE switch S4 to “F.”
 4. Set the UP/DOWN switch S5 to “DOWN” and SET/CANCEL switch S6 to “SET,” namely, take the two switches S5 and S6 with your fingers.
 5. In the state of step 4, turn on the power of CNU-700 and maintains about ten seconds.
 6. Turn off the power of CNU-700 and reset all switches to their original positions.

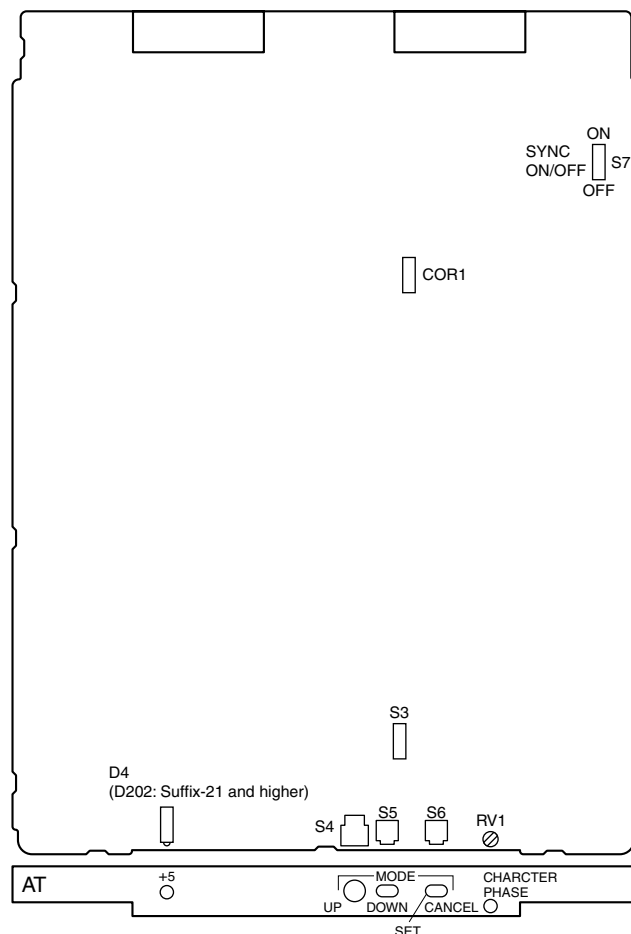
- S4 (MODE) (Suffix-21 only: S305)
Factory-setting: 0
- S4-0 (NORMAL) (Suffix-21 only: S305)
Factory-setting position
- S4-1 (CRT UP/DOWN) (Suffix-21 only: S305)
The page displayed on the monitor through the CHARACTER terminal can be changed by switch S5 (UP/DOWN).

The contents of each page are shown below.

Page	Contents of display
0	No display
1	No display (when the power is turned on) When using a camera with the automatic setup function, or if any fault has been detected during self diagnosis, the corresponding details are displayed.
2	The connection states of cameras 1 to 6 are displayed.
3	The connection states of cameras 7 to 12 are displayed (when the BKP-7930 is being used).
4	The connection states of cameras 1 to 12 are displayed (when the BKP-7930 is being used).
5	The results of automatic setup for cameras 1 to 6 are displayed.
6	The results of automatic setup for cameras 7 to 12 are displayed (when the BKP-7930 is being used).
7	The results of all-camera diagnosis for cameras 1 to 6 are displayed.
8	The results of all-camera diagnosis for cameras 7 to 12 are displayed (when the BKP-7930 is being used).
9	DIAGNOSIS OF ONE MACHINE (The state of the selected device is displayed.)
10	DATA OF ALL CAMERAS (The settings for all connected cameras are displayed.)
11	DATA OF ONE CAMERA (The settings for the selected camera are displayed.)

- S4-2 (RCP ASSIGNMENT) (Suffix-21 only: S305)
The connecting condition between the RCP-700 series and CCU-700 series can be changed.
Operate the switches S5 (UP/DOWN) and S6 (SET/CANCEL) in accordance with the monitor screen.
- S4-3
Not used.
- S4-4 (DEFAULT RCP ASSIGNMENT) (Suffix-21 only: S305)
Use this switch when resetting the connecting condition between RCP-700 series and CCU-700 series.
Operate the switches S5 (UP/DOWN) and S6 (SET/CANCEL) in accordance with the monitor screen.

- S4-5 (CNU INTERNAL MODE SETTING)
(Suffix-21 only: S305)
Use this switch when linking the indication on pages 9 and 11 to the camera select of MSU-700 series.
Operate the switches S5 (UP/DOWN) and S6 (SET/CANCEL) in accordance with the monitor screen.
- S4-6 to S4-A (Suffix-21 only: S305)
Not used
- S4-B to S4-F (Suffix-21 only: S305)
Since there are factory preset, don't change anything.
- S5 (MODE UP/DOWN) (Suffix-21 only: S303)
Use this switch together with S4-1, S4-2, S4-4, or S4-5.
When it is set to S4-1, a page displayed on the monitor screen can be changed with UP/DOWN.
- S6 (MODE SET/CANCEL) (Suffix-21 only: S304)
Use this switch together with S4-1, S4-2, S4-4, or S4-5.
"SET" or "CANCEL" can be performed with monitor screen accordingly.
- S7 (SYNC ON/OFF) (Suffix-21 only: S201)
This switch is used to determine whether the sync signal is added to the video signal output from the CHARACTER 1 and 2 terminals.
Factory-setting: ON
- D4 (+5V INDICATOR) (Suffix-21 and higher: D202)
This LED lights up when the +5V is supplied to the AT-89A board correctly.
- RV1 (CHARACTER PHASE) (Suffix-21 only: RV201)
Used to adjust the horizontal phase of the signal output from the CHARACTER terminal.
Adjust RV1 if the monitor screen would not match up to the frame when there is a reference input signal.
- COR1 (Not used)
A short-plug is connected between pins 1 and 2 at the factory.



AT-89A BOARD (A SIDE)

IF-777 board

- S801 (OPERATION NORMAL/EMERGENCY)
(Suffix-21 only: S504)

When the CNU-700 or the master setup unit does not operate normally, set this switch to [EMERGENCY]. As a result, the corresponding camera and control panel, e.g, camera 1 and RCP-1, or camera 2 and RCP-2, are directly connected to enable the control of each camera from the corresponding control panel. In this case, the operating of MSU-700 series or VCS-700 cannot be used.

Factory-setting: NORMAL

- S802 to S806 (Suffix-21 and higher: S401 to 404, 406)
The RS232C-2 and RS232C-3 terminals on the rear panel enable the unit to be controlled from an external device. The S802 to S806 switches are used to change these terminals to provide on RS-422 interface.

When pins 1 and 2 are jumped (factory setting), the corresponding terminal provides an RS-232C interface.
When pins 2 and 3 are jumped, the corresponding terminal provides an RS-422 interface.

- S901 (BAUD RATE SETTING)
(Suffix-21 and higher: S502)

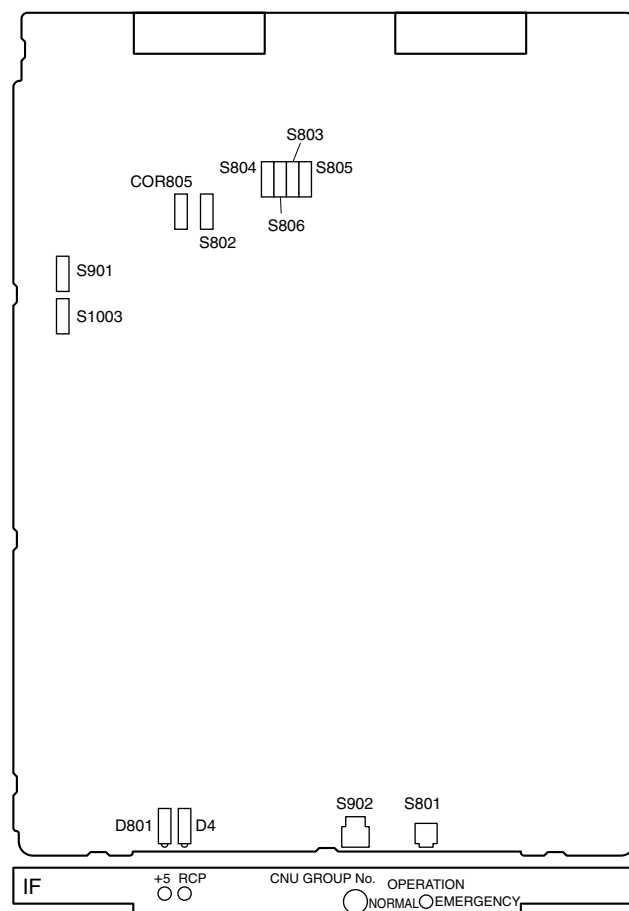
S901 Pin No.	1, 2, 3	4, 5, 6
CNU-700	RS232C-1	RS232C-2
When the BKP-7930 is being used	—	RS232C-3

S901 Pin No.	SETTING POSITION							
1, 4	OFF	ON	OFF	ON	OFF	ON	OFF	ON
2, 5	OFF	OFF	ON	ON	OFF	OFF	ON	ON
3, 6	OFF	OFF	OFF	OFF	ON	ON	ON	ON
BAUD	19,200	38,400	9,600	4,800	2,400	1,200	600	300

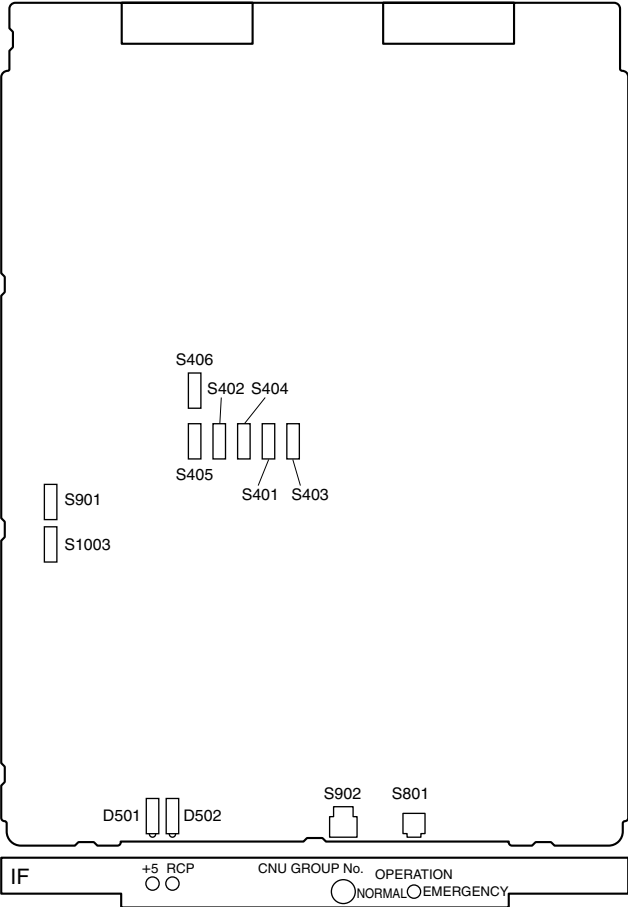
These switches are factory-set to all OFF. Pins 7 and 8 are not used.

- S902 (CNU GROUP No.) (Suffix-21 only: S501)
Used to specify the group number of the CNU-700. You cannot specify a number that is already being used in the system.
Factory-setting: 0

- D4 (RCP INDICATOR) (Suffix-21 and higher: D502)
This D4 keep lighting while the Power is supplied to the remote control panel via RCP terminal correctly.
- D801 (+5 V INDICATOR)
(Suffix-21 and higher: D501)
This D801 keeps lighting while the +5 Vdc Power is supplied to the IF-777 board correctly.
- COR 805 (Termination for RS-422A)
(Suffix-21 and higher: S405)
RS-422A is terminated when inserting a short-plug in between pins 2 and 3.
The short-plug is connected between pins 1 and 2 at the factory.
- S1003 (Not used) (Suffix-21 only: S503)
Factory-setting: OFF



IF-777 BOARD (A SIDE) (Suffix-11)



IF-777 BOARD (A SIDE) (Suffix-22)

1-6. Optional Board Unit (BKP-7930)

1-6-1. Outline of BKP-7930

The BKP-7930 is a CNU IF board for the camera command network unit CNU-700.

When the CNU-700 with the BKP-7930 incorporated is used, up to six color video cameras and up to six remote control panels can be connected to it.

1-6-2. Configuration of BKP-7930

Part Name	Qt'y
Switching Regulator	1
IF-777 board	1
Command Panel Assembly	1
Screw (+PSW3 × 6)	4

Note

Be sure not to duplicate the preset number of the switch S902 (CNU GROUP No.) on the IF-777 board in the system.

Factory-setting is "1".

1-6-3. Checking ROM Version

When installing the BKP-7930 in the CNU-700, be sure to check the ROM versions on the AT-89/89A board of the CNU-700 are Ver. 3.10 or higher.

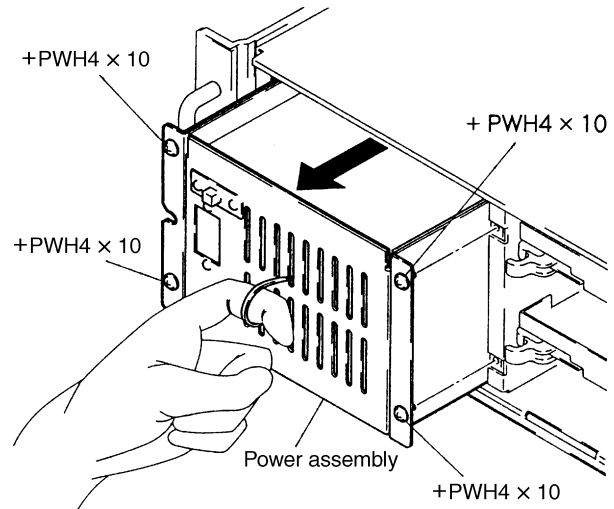
If ROM replacement is required, please contact your local Sony Sales Office/Service Center.

ROM Version

AT-89/89A board Ver. 3.10 or higher

1-6-4. Installation of BKP-7930

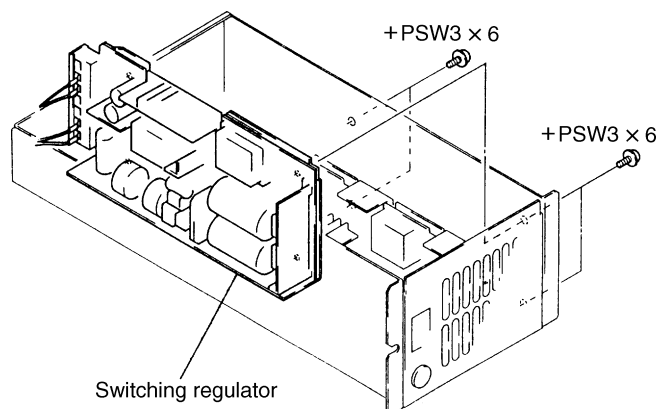
1. Loosen two screws (M4 × 10) and remove the front panel (Refer to Section 2-1-2).
2. Remove the four screws (+PWH4 × 10), then pull out the power assembly.



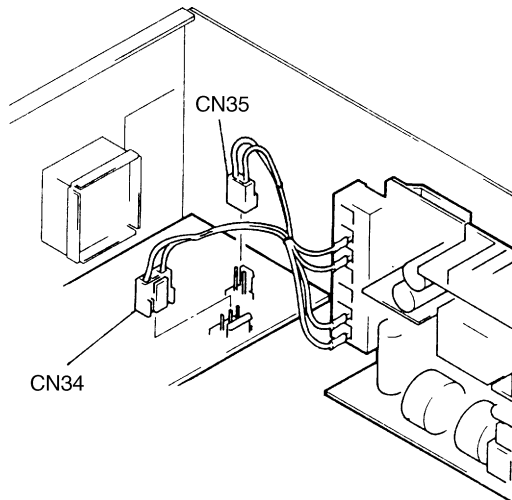
3. Remove the five screws (+PSW3 × 6), then remove the top cover of the power assembly.
4. Insert the switching regulator. Fix it place using the supplied four screws (+PSW3 × 6).

Note

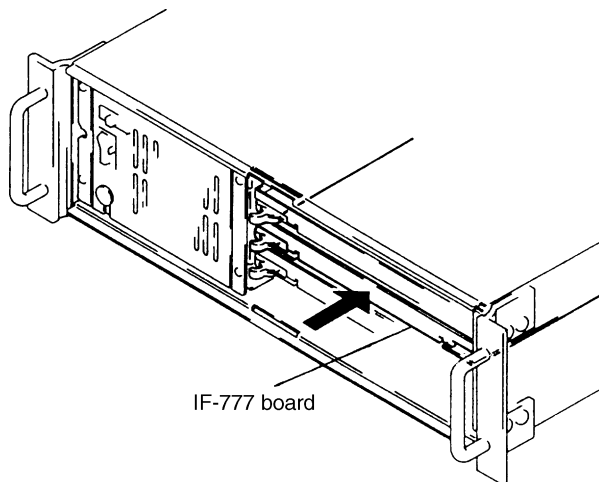
If any defect is found in the installation of the switching regulator, please contact your local Sony Sales Office/Service Center.



5. Connect the harness extending from the switching regulator to CN34 and CN35 on the CN-1002 board respectively.

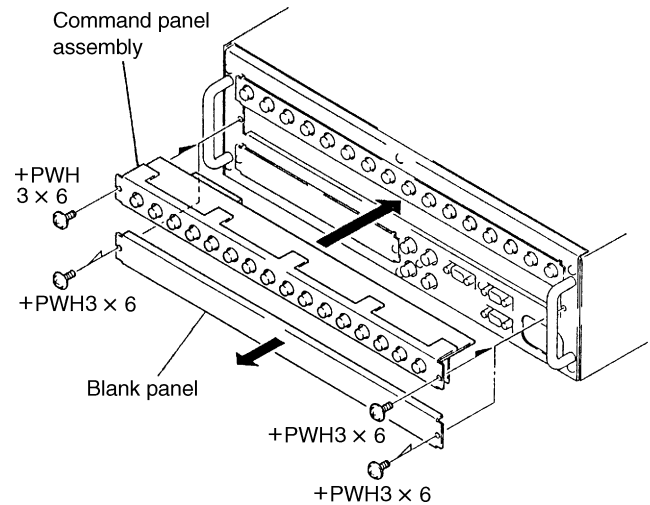


6. Assemble the power assembly and return it to its original position.
7. Insert a new IF-777 board into the second slot from the top.



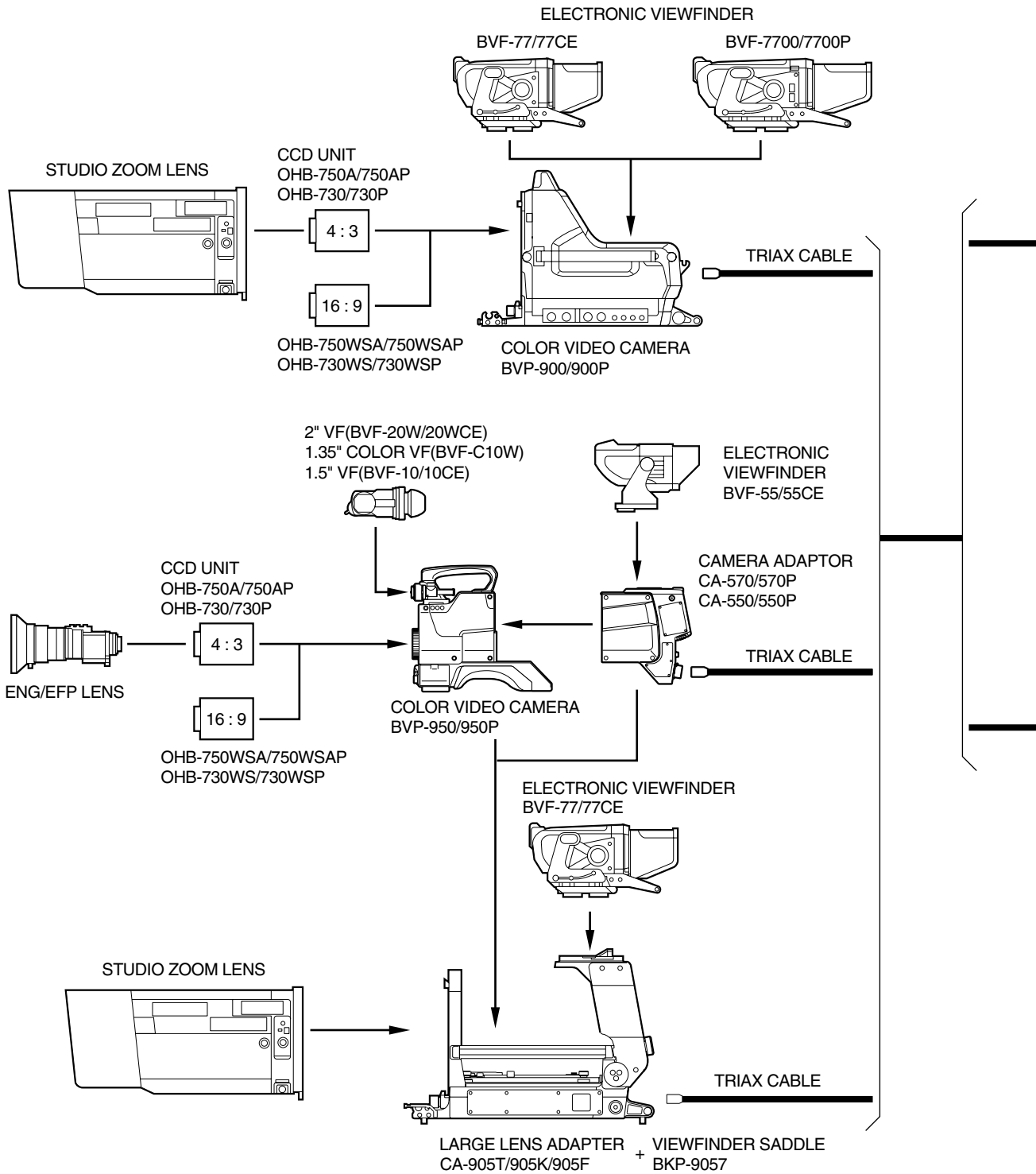
8. Reinstall the front panel.

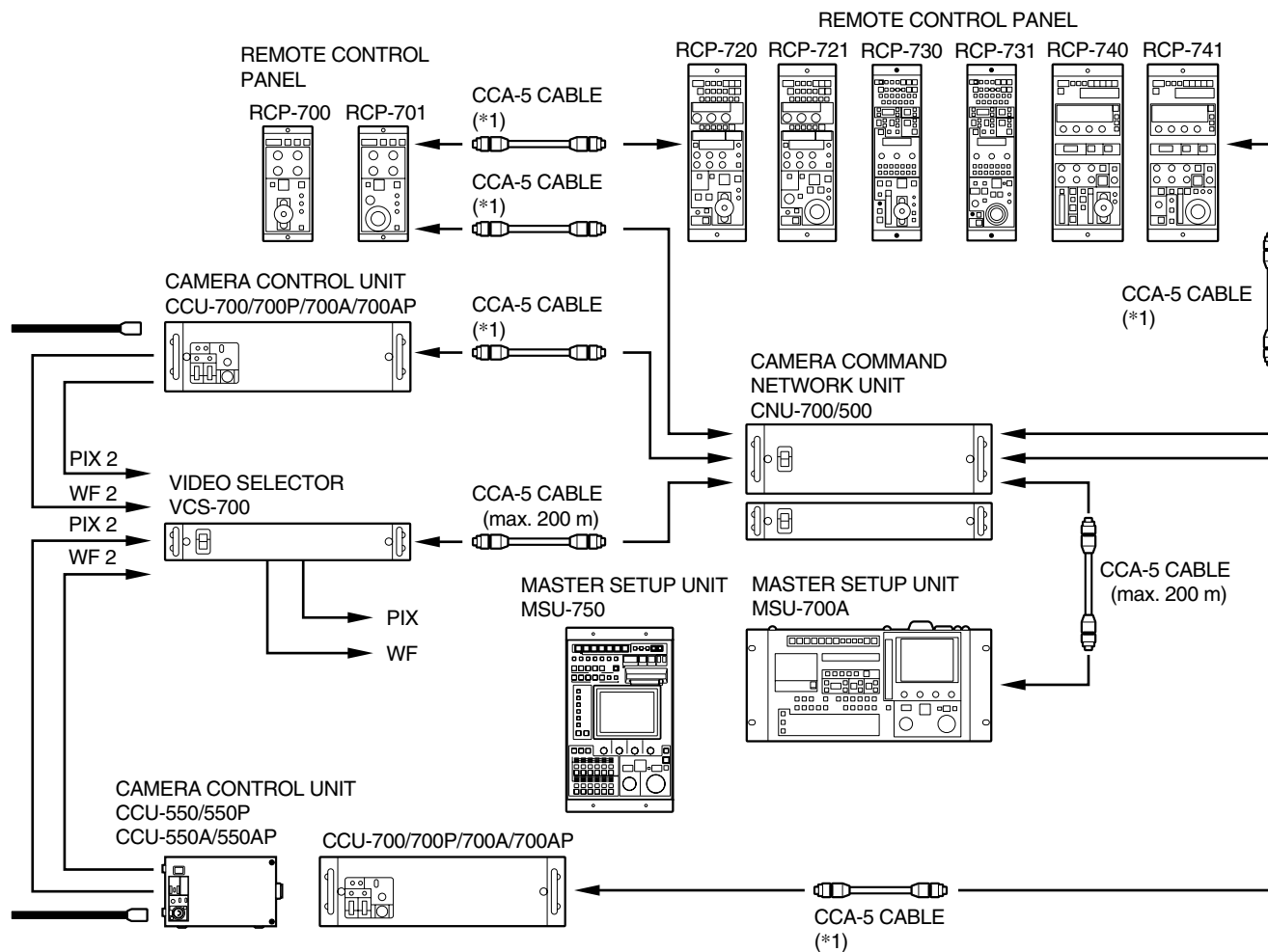
9. Remove the two screws (+PWH3 × 6) holding blank panel. Remove the blank panel.
10. Mount the command panel assembly using the two screws (+PWH3 × 6).



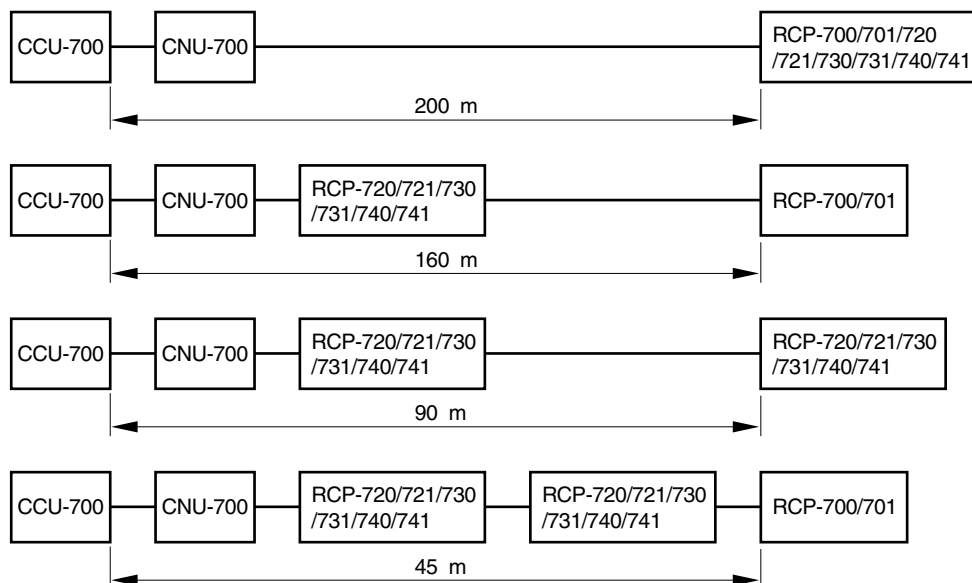
1-7. Instance of System Configuration

1-7-1. BVP-900 Series Camera System

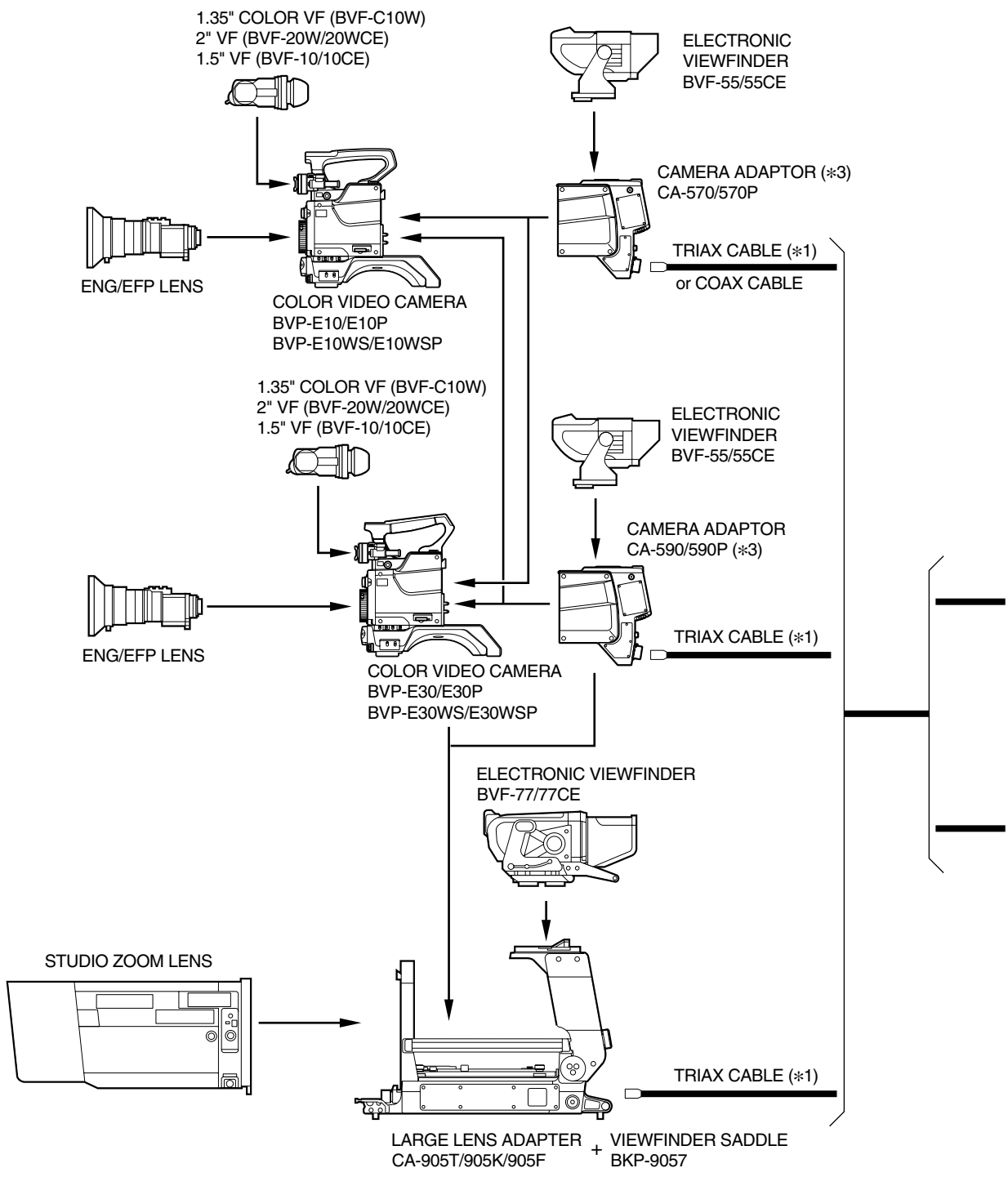




*1: CCA-5 CABLE LENGTH



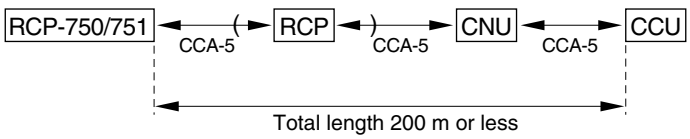
1-7-2. BVP-E10 Series Camera System

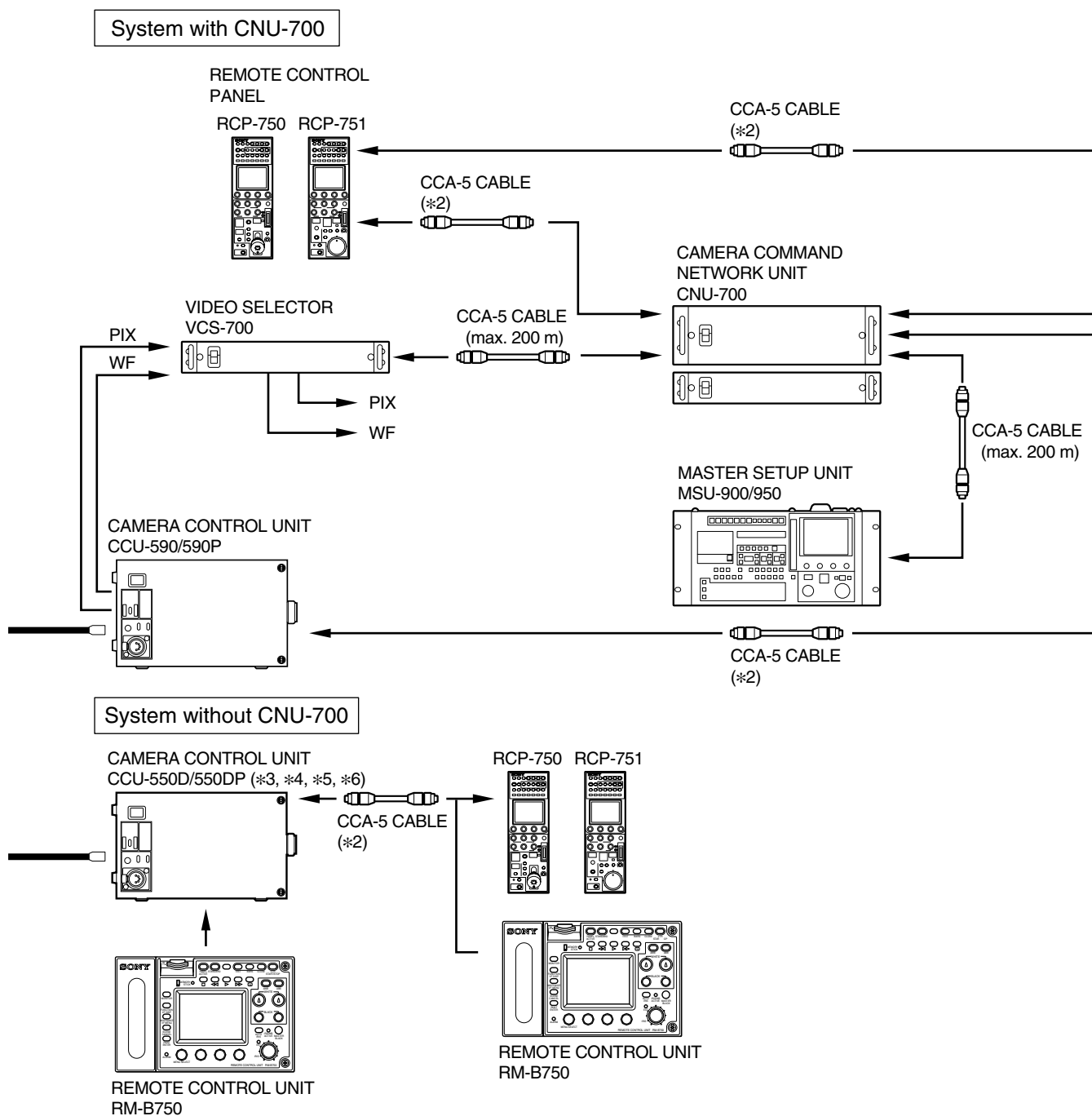


*1: Triax cable length (Fujikura cable)

Diameter	Extensible length	Cable-length limitation for prompter signal transmission
8.5 mm	700 m	500 m
14.5 mm	1400 m	1000 m

*2: CCA-5 CABLE LENGTH





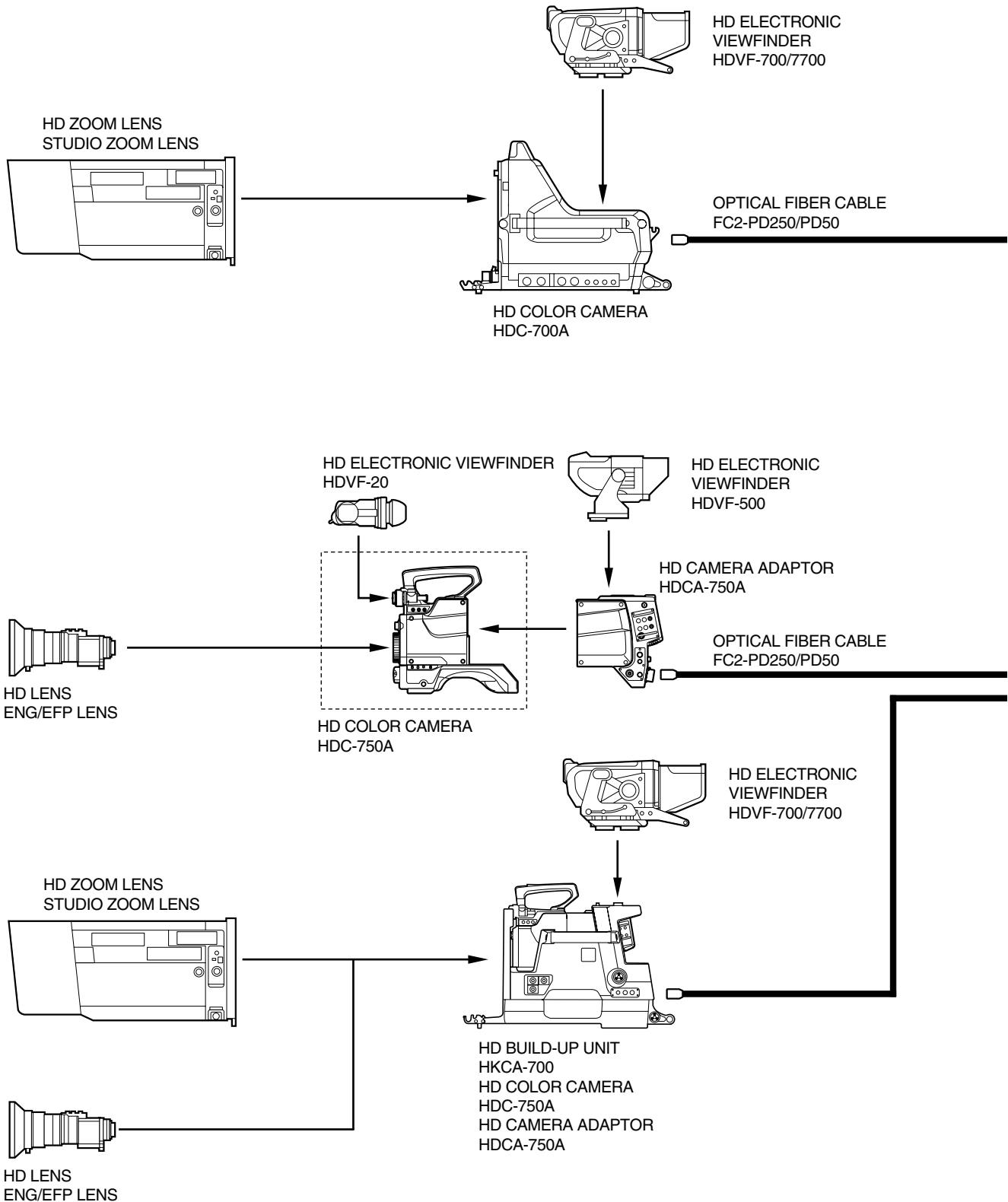
*3: When the CA-570/570P/590/590P is connected with the CCU-550D/550DP, use of intercom transmission channel is limited to only one channel.
In this case, use the INCOM 1 connector of the CA-570/570P/590/590P.

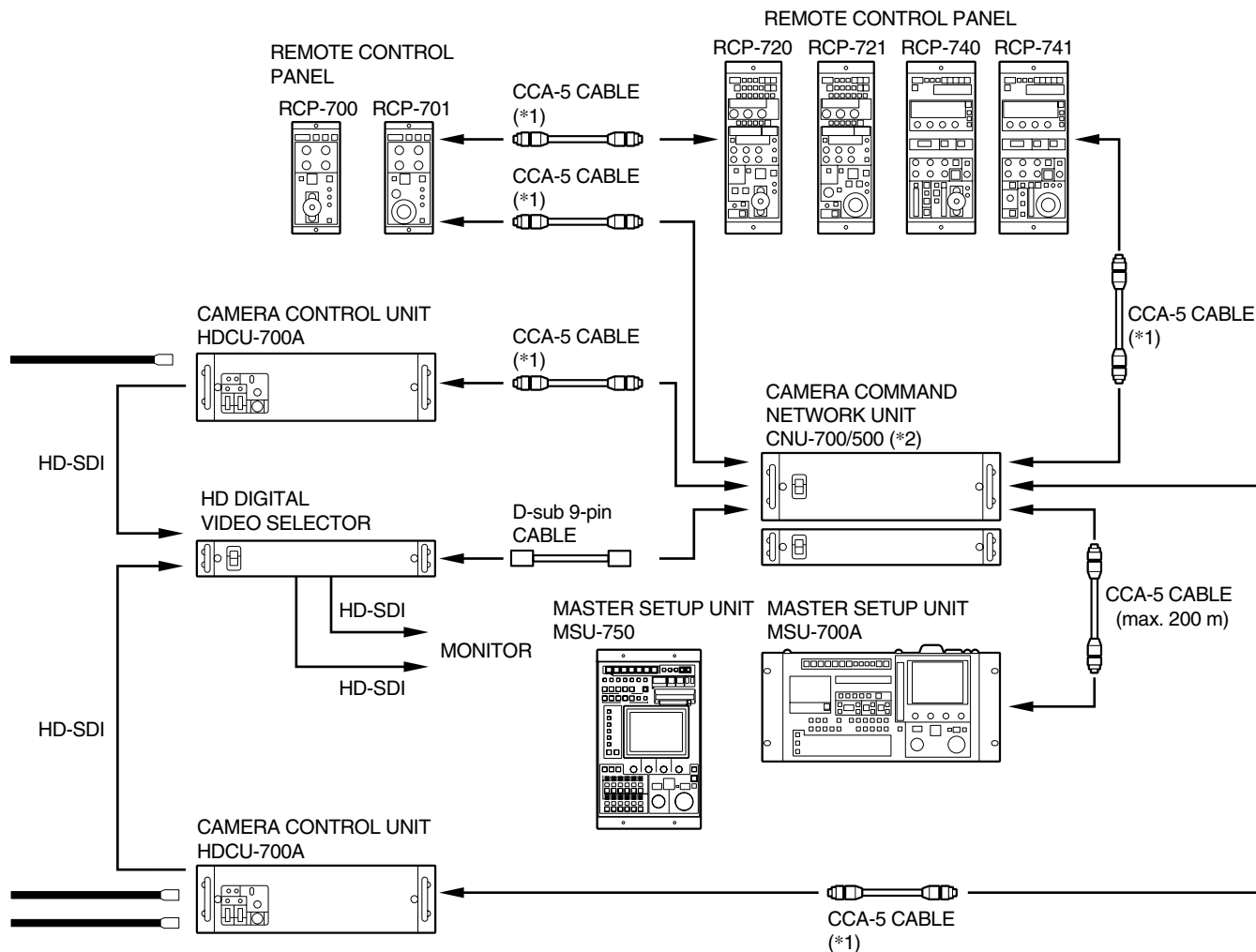
*4: The CCU-550D/550DP incorporating the DC Power Unit BKP-5974 cannot be used together with the CA-905K/905F. Be sure to use the CCU-550D/550DP incorporating the BKP-5974 when using the CA-905K/905F.

*5: The viewfinder BVF-7700 cannot be used together with CCU-550D/550DP had been connected. Be sure to use the CCU-700A/700AP.

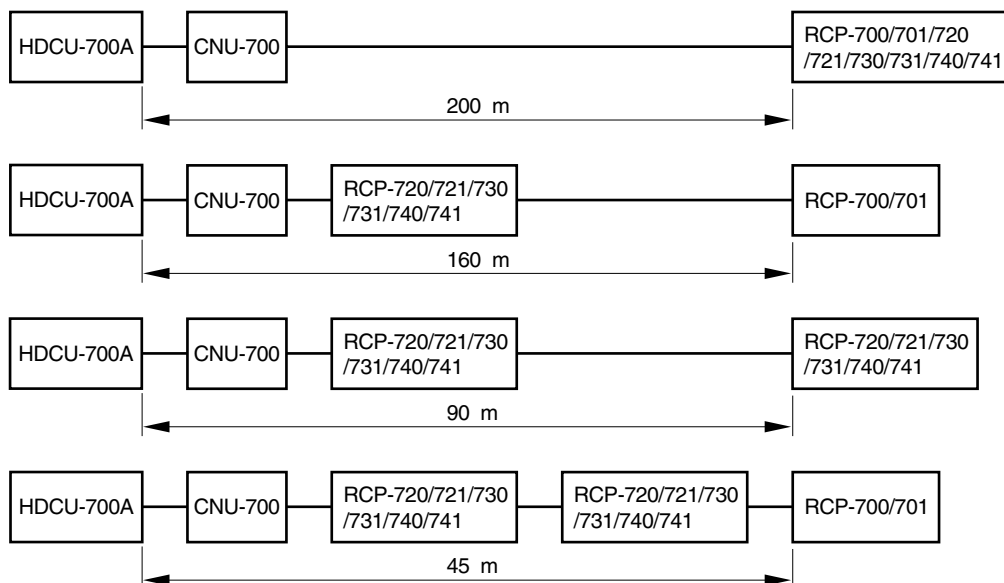
*6: When CCU-550D/550DP is connected, the prompter cannot be fed backward (CHU to CCU).

1-7-3. HDC-700A Series Camera System





*1: CCA-5 cable length



*2: Installation of HD Master Set-up Kit HKCF-700 is needed in some cases. For details, consult your local Sony Sales Office/Service Center.

1-8. Note on Replacing CN-1002A Board

When the CN-1002/1002A board (suffix -14) of the unit replaced with a new CN-1002A board (suffix -21), also replace the harness (MAIN POWER) with a new one shown below.

HARNESS (MAIN POWER) 1-953-651-21

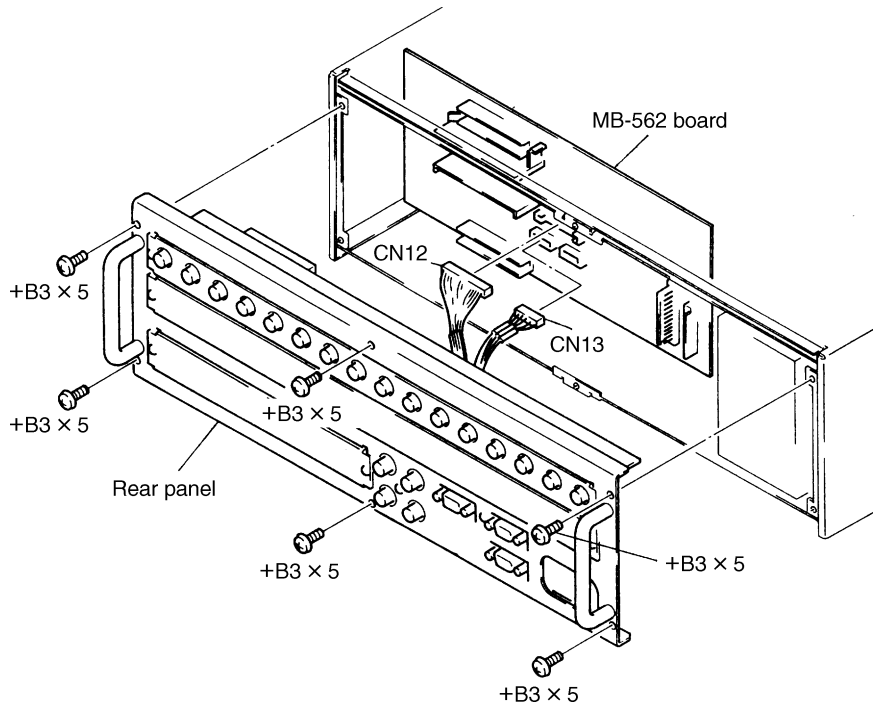
Section 2

Service Overview

2-1. Replacement of Main Parts

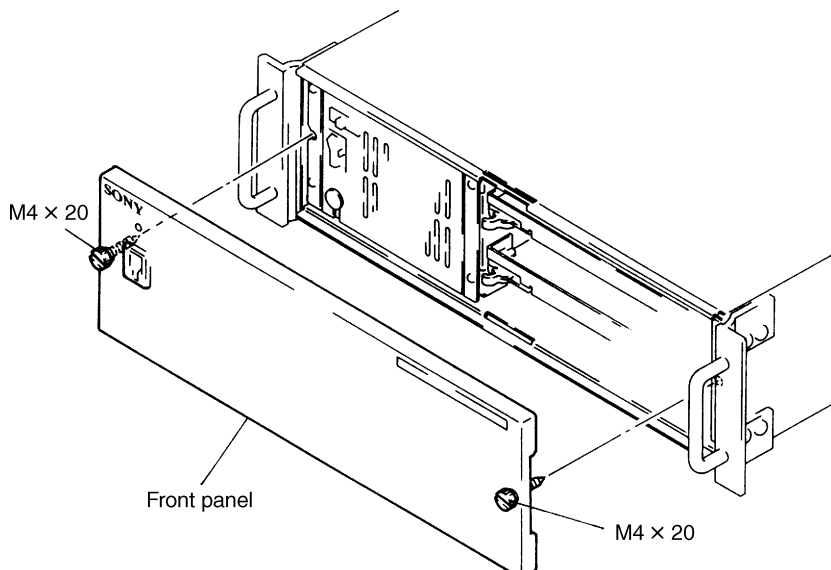
2-1-1. Removal of Rear Panel

1. Remove the six screws (+B3 × 5).
2. Disconnect the two connectors CN12 and CN13 from the MB-562 board, and remove the rear panel.



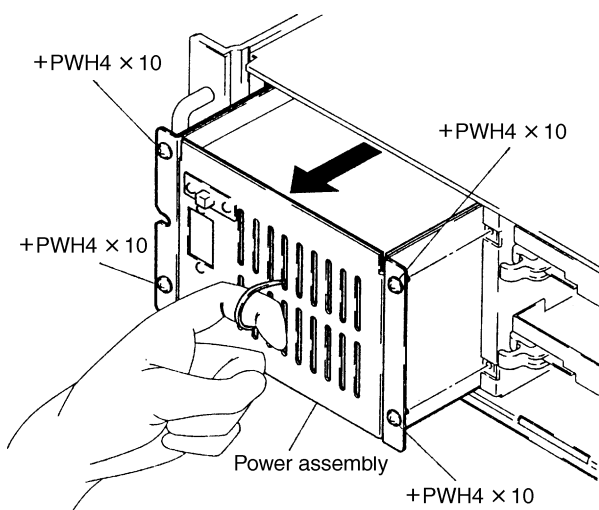
2-1-2. Removal of Front Panel

1. Loosen the two screws (M4 × 20) and remove the front panel.

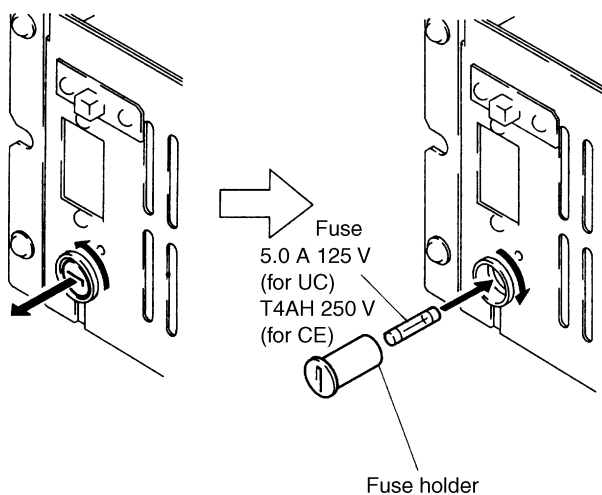


2-1-3. Replacement of Power Assembly

1. Pull out the power cord from the rear panel.
2. Remove the front panel. (Refer to Section 2-1-2.)
3. Loosen the four screws (+PWH4 × 10) and pull out the power assembly as illustrated.



4. Before installation, put a supplied fuse into a fuse holder.



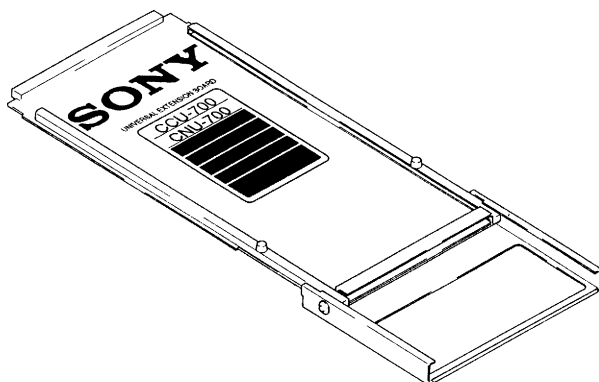
5. Carry out the installation work using the reverse procedure.

2-2. PROM IC

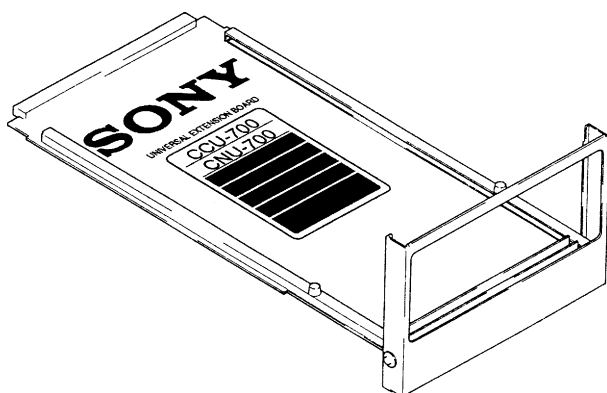
Each PROM IC on the PC board has a suffix to its original designation. This suffix may change according to improvement of IC. Never use an IC having no suffix to its original designation, because its memory has not been programmed. Each PROM IC is mounted on the PC board via socket.

2-3. Tools and Fixtures

Extension board BKP-7900.
Please order the standard product.



Extension board JX-428
Sony Parts No. J-6394-280-A



2-4. 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 °C 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 3

Spare Parts

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。

4. ハーネス

部品番号の記載されていないハーネスは、サービス部品として登録されていません。

これらは、リストに展開されているコンポーネント部品で補修してください。

5. 仕向区分の表記

部品表中、下記表示のある部品は、その仕向で使用している部品です。

For J: 日本向けモデルに使用

For UC: USA およびカナダ向けモデルに使用

For CE: 上記以外向けモデルに使用

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.

4. Harness

Harnesses with no part number are not registered as spare parts.

In need of repair, get components shown in the list and repair using them.

5. Destination Representation

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

For J: The part is used in a unit for Japan.

For UC: The part is used in a unit for the U.S.A. and Canada.

For CE: The part is used in a unit for regions except the above countries.

CNU-700 (SY) : Serial No. 110001 and higher

This exploded view diagram illustrates the assembly of a metal cabinet. The components are numbered 1 through 25, and various fasteners are labeled with their specifications. The assembly process is shown in several stages:

- Top Section (Parts 1-4):** The top panel (1) is shown being attached to the side rails (2) using screws (14, 15, 16, 17). The top rail (3) is also shown being attached to the side rails (2) using screws (18, 19, 20, 21).
- Front Panel (Parts 5-13):** The front panel (5) is shown being attached to the side rails (2) using screws (6, 7, 8, 9, 10, 11, 12, 13).
- Internal Components (Parts 14-25):** The internal components, including the main body (14), the front panel (15), the top panel (16), and the bottom panel (17), are shown being attached to the side rails (2) using screws (18, 19, 20, 21).
- Fasteners:** Various fasteners are labeled with their specifications: B 3x5, B 3x6, B 3x8, B 3x10, B 3x12, B 3x14, B 3x16, B 3x18, B 3x20, B 3x22, B 3x24, B 3x26, B 3x28, B 3x30, B 3x32, B 3x34, B 3x36, B 3x38, B 3x40, B 3x42, B 3x44, B 3x46, B 3x48, B 3x50, B 3x52, B 3x54, B 3x56, B 3x58, B 3x60, B 3x62, B 3x64, B 3x66, B 3x68, B 3x70, B 3x72, B 3x74, B 3x76, B 3x78, B 3x80, B 3x82, B 3x84, B 3x86, B 3x88, B 3x90, B 3x92, B 3x94, B 3x96, B 3x98, B 3x100.

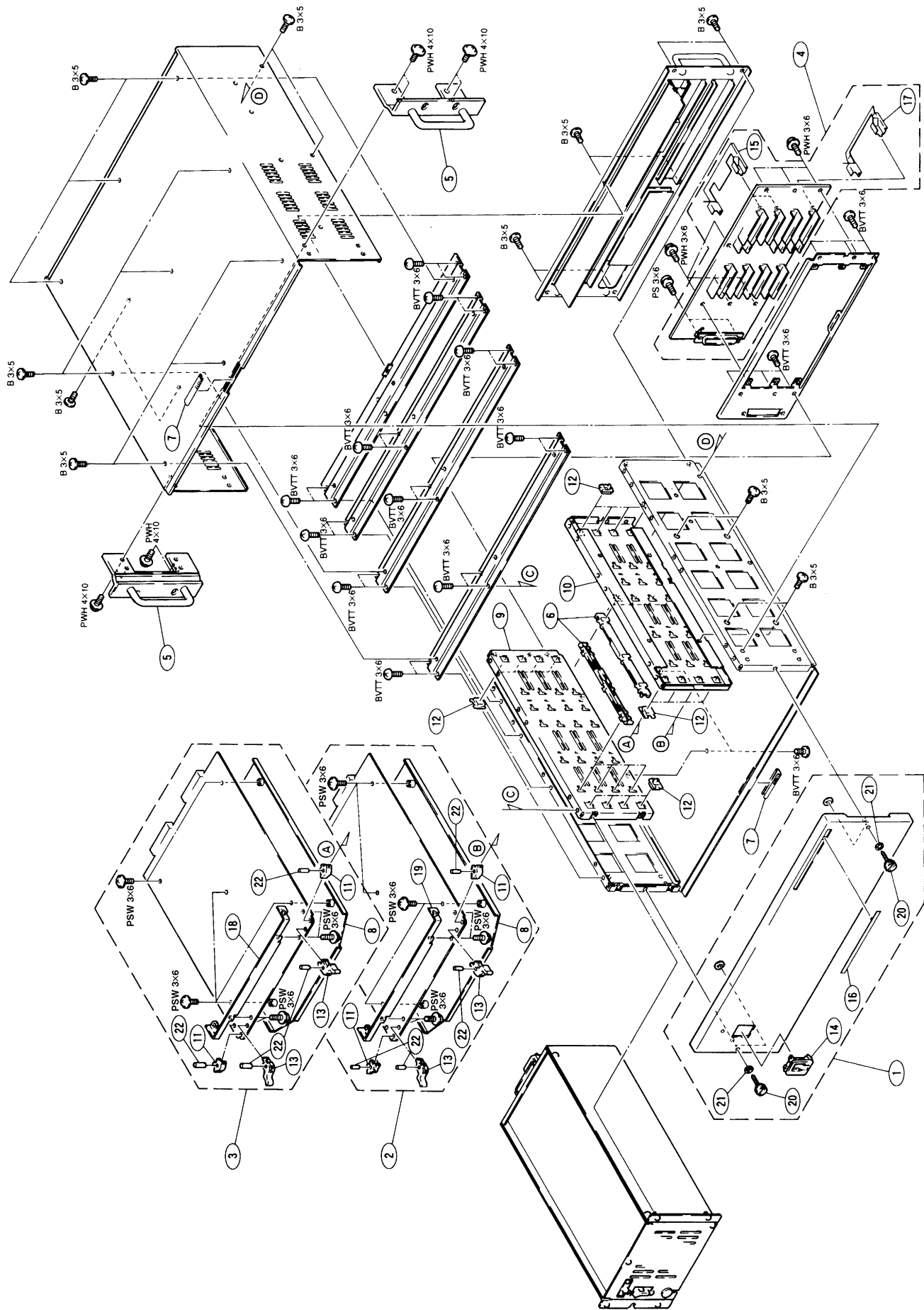
CNU-700(SY) : Serial No. 110001 and higher

CNU-700

No.	Part No.	SP Description
1	A-8278-055-B	s FRONT ASSY
2	A-8324-786-A	o MOUNTED CIRCUIT BOARD, AT-89A
3	A-8324-788-A	o MOUNTED CIRCUIT BOARD, IF-777
4	A-8314-150-A	o MOUNTED CIRCUIT BOARD, MB-562
5	X-2127-218-3	o ANGLE (3U) ASSY, RACK
6	3-169-099-01	o RAIL, PC BOARD GUIDE
7	3-175-260-01	o FINGER, SNAP
8	X-3608-830-1	s BOARD SHIELD ASSY
9	3-681-029-13	s RAIL PLATE L
10	3-681-031-12	s RAIL PLATE R
11	3-681-042-01	o LEVER, PC BOARD (1)
12	3-681-043-01	o GUIDE
13	3-681-045-01	o LEVER, PC BOARD (2)
14	3-681-054-01	o POWER SW GUARD
15	3-681-056-03	o BOARD GUIDE
16	3-681-068-03	s NAME LABEL
17	3-681-069-03	o BOARD GUIDE 2
18	3-681-070-03	s PC BOARD PANEL IF
19	3-681-071-01	s PC BOARD PANEL AT
20	3-687-887-01	s SCREW (M4X20) (COPPER)
21	7-623-925-01	s WASHER, PLASTIC (4X0.5)
22	7-626-320-11	s SPRING PIN, 3X8 (STEEL)
23	3-602-573-01	o TAPE1, ADHENSIVE
24	3-602-574-01	o TAPE2, ADHENSIVE
25	3-628-835-01	o FILTER

Cabinet and Boards Block

CNU-700 (J) : Serial No. 38001 through 38072
CNU-700 (UC) : Serial No. 18001 through 18206
CNU-700 (CE) : Serial No. 48001 through 48207

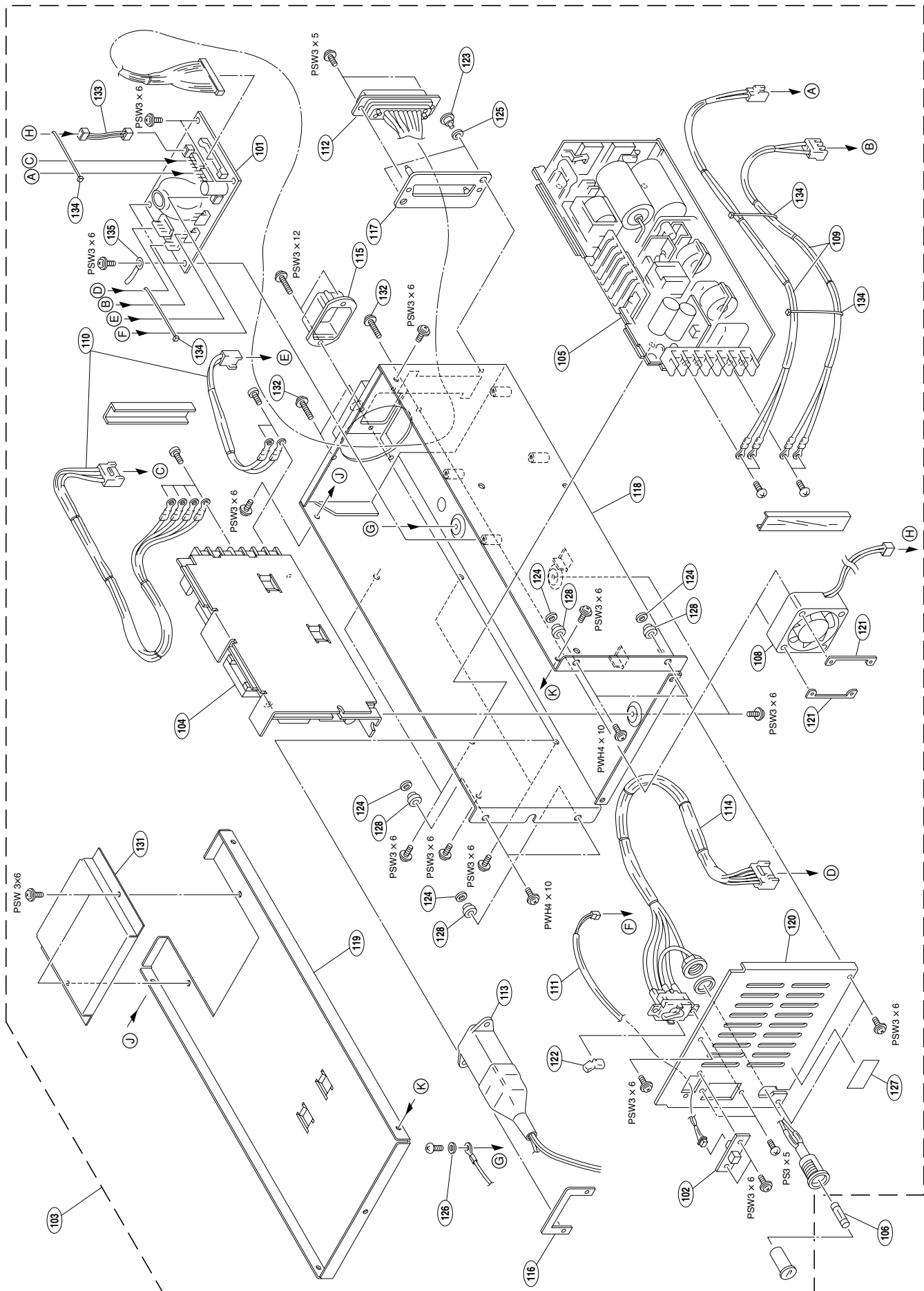


CNU-700(J): Serial No. 38001 through 38072
CNU-700(UC): Serial No. 18001 through 18206
CNU-700(CE): Serial No. 48001 through 48207

CNU-700

No.	Part No.	SP Description
1	A-8278-055-B	o FRONT ASSY
2	Δ A-8324-786-A	o MOUNTED CIRCUIT BOARD, AT-89A
3	Δ A-8324-788-A	o MOUNTED CIRCUIT BOARD, IF-777
4	A-8314-150-A	o MOUNTED CIRCUIT BOARD, MB-562
5	X-2127-218-3	o ANGLE (3U) ASSY, RACK
6	3-169-099-01	o RAIL, PC BOARD GUIDE
7	3-175-260-01	o FINGER, SNAP
8	3-681-020-01	o PC SHIELD PLATE
9	3-681-029-12	o RAIL PLATE L
10	3-681-031-12	o RAIL PLATE R
11	3-681-042-01	o LEVER, PC BOARD (1)
12	3-681-043-01	o GUIDE
13	3-681-045-01	o LEVER, PC BOARD (2)
14	3-681-054-01	o POWER SW GUARD
15	3-681-056-03	o BOARD GUIDE
16	3-681-068-02	o NAME LABEL
17	3-681-069-03	o BOARD GUIDE 2
18	3-681-070-01	o PC BOARD PANEL IF
19	3-681-071-01	o PC BOARD PANEL AT
20	3-687-887-01	s SCREW (M4X20) (COPPER)
21	7-623-925-01	s WASHER, PLASTIC (4X0.5)
22	7-626-320-11	s SPRING PIN, 3X8 (STEEL)

CNU-700 (SY) : Serial No. 110001 and higher



CNU-700(SY): Serial No. 110001 and higher

CNU-700

No.	Part No.	SP Description
101	A-8327-778-A	o MOUNTED CIRCUIT BOARD, CN-1002A (Board No. suffix -21)
102	A-8314-149-A	o MOUNTED CIRCUIT BOARD, LED-223
103	A-8314-737-B	s POWER UNIT(RP)
104	Δ 1-468-947-11	s REGULATOR, SWITCHING
105	Δ 1-468-948-11	s REGULATOR, SWITCHING
106	Δ 1-532-747-11	s FUSE, GLASS 5A/125V (20MM)
108	1-698-840-11	s FAN, D.C.
109	Δ 1-953-648-11	o HARNESS, SUB (RCP-POWER1)
110	Δ 1-953-649-12	o HARNESS, SUB (5V POWER)
111	1-953-650-12	o HARNESS, SUB (LED)
112	1-953-651-21	s HARNESS (MAIN POWER) (for CN-1002A board No. suffix-21)
113	Δ 1-953-654-11	o HARNESS (AC IN)
114	Δ 1-953-655-11	o HARNESS (AC SW)
115	2-990-241-02	s HOLDER (A), PLUG
116	3-625-620-00	s BRACKET, AC CONNECTOR
117	3-681-055-13	s 50PIN PLATE
118	3-681-059-08	o PS CHASSIS
119	3-681-061-06	s PS LID
120	3-681-062-04	s PS PANEL
121	3-628-689-02	s BRACKET, FAN
122	3-688-814-01	s CAP, SWITCH
123	3-694-825-11	s SCREW M3 STEP, SPECIAL HEAD ST
124	3-701-440-21	s WASHER PLASTIC (3.5X6X0.5)
125	7-688-004-02	s WASHER (4)
126	7-688-004-11	s WASHER W4, MIDDLE
127	3-683-338-31	o FUSE LABEL
128	3-603-809-01	o SPACER
131	3-628-834-02	s PS LID2
132	7-682-556-09	s SCREW +B 3X35 (EP-FE/ZNBK/CW2)
133	1-960-850-11	o HARNESS(FAN)
134	3-671-893-00	s CLAMP
135	3-703-150-11	o CLAMP

CNU-700 (J) : Serial No. 38011 through 38072
CNU-700 (UC) : Serial No. 18031 through 18206
CNU-700 (CE) : Serial No. 48016 through 48207



CNU-700(J): Serial No. 38011 through 38072
CNU-700(UC): Serial No. 18031 through 18206
CNU-700(CE): Serial No. 48016 through 48207

CNU-700

No.	Part No.	SP Description
101	Δ A-8327-778-A	o MOUNTED CIRCUIT BOARD, CN-1002A
102	A-8314-149-A	o MOUNTED CIRCUIT BOARD, LED-223
103	Δ A-8314-737-B	s POWER UNIT(RP)
104	Δ 1-413-917-12	s SWITCHING REG. (TDK.FAW05-10R)
	(Δ 1-532-827-11	s FUSE 3A/250V)
105	Δ 1-468-496-11	s SWITCHING REG. (TDK FGW28-3R6)
	(Δ 1-576-230-11	s FUSE 3.15A/250V)
106	Δ 1-532-747-11	s FUSE GLASS 5A/125V (20MM) (FOR J, UC)
107	Δ 1-576-231-11	s FUSE, (H.B.C) 4A/250V (FOR CE)
108	1-698-840-11	s FAN, DC MOTOR
109	Δ 1-953-648-11	o HARNESS, SUB (RCP-POWER1)
110	Δ 1-953-649-12	o HARNESS, SUB (5V POWER)
111	1-953-650-12	o HARNESS, SUB (LED)
112	1-953-651-12	o HARNESS (MAIN POWER)
113	Δ 1-953-654-11	o HARNESS (AC IN)
114	Δ 1-953-655-11	o HARNESS (AC SW)
115	2-990-241-02	s HOLDER (A), PLUG
116	3-625-620-00	s BRACKET, AC CONNECTOR
117	3-681-055-12	o 50PIN PLATE
118	3-681-059-06	o PS CHASSIS
119	3-681-061-04	o PS LID
120	3-681-062-03	o PS PANEL
121	3-628-689-01	o BRACKET, FAN
122	3-688-814-01	s CAP, SWITCH
123	3-694-825-11	s SCREW M3 STEP SPECIAL HEAD ST
124	3-701-440-21	s WASHER PLASTIC (3.5X0.5) (PLA)
125	7-688-004-02	o WASHER (4) (EP-FE/ZNBK/CW2)
126	7-688-004-11	o WASHER W4 (M) (EP-FE/ZN/CW2)
127	3-683-338-31	o FUSE LABEL
128	3-603-809-01	o SPACER
129	3-704-231-01	o LABEL, SAFETY GROUND
130	4-605-511-02	o COVER, INLET, 3P
131	3-628-834-01	o PS LID2
132	7-682-556-09	s +B 3X35
133	1-960-850-11	o HARNESS (FAN)

CNU-700 (J) : Serial No. 38001 thru 38010
CNU-700 (UC) : Serial No. 18001 thru 18030
CNU-700 (CE) : Serial No. 48001 thru 48015

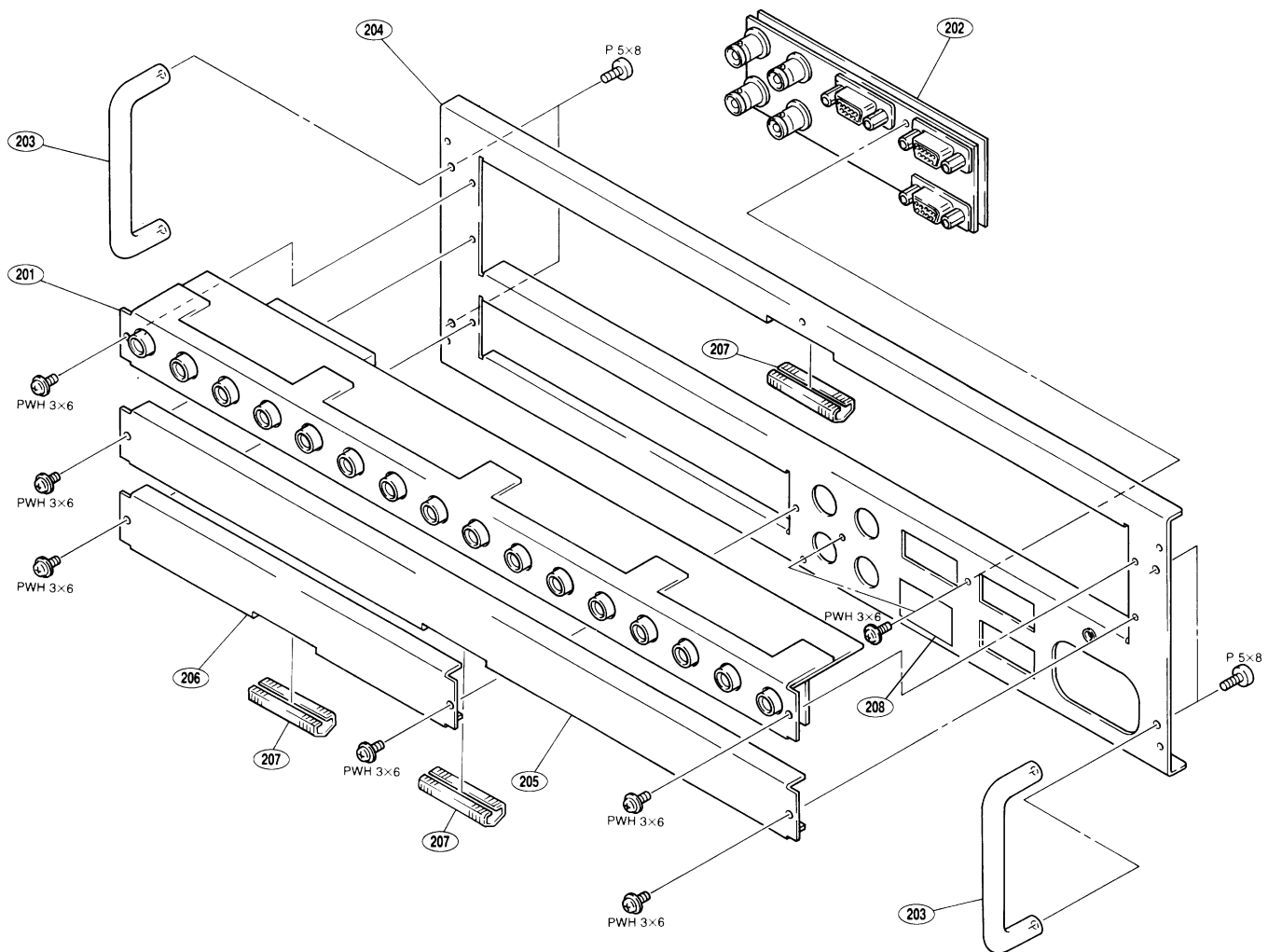


CNU-700(J): Serial No. 38001 thru 38010
CNU-700(UC): Serial No. 18001 thru 18030
CNU-700(CE): Serial No. 48001 thru 48015

CNU-700

No.	Part No.	SP Description
101	△ A-8314-146-A	o MOUNTED CIRCUIT BOARD, CN-1002
102	A-8314-149-A	o MOUNTED CIRCUIT BOARD, LED-223
103	△ A-8314-737-A	s POWER UNIT(RP)
104	△ 1-413-917-12	s SWITCHING REG. (TDK.FAW05-10R)
105	△ 1-413-982-12	s SWITCHING REG. (TDK FAW28-3R5)
	(△ 1-576-230-11	s FUSE 3.15A/250V)
106	△ 1-532-747-11	s FUSE, GLASS 5A/125V (20MM) (FOR J, UC)
107	△ 1-576-231-11	s FUSE, (H.B.C) 4A/250V (FOR CE)
108	1-698-131-21	s FAN, DC MOTOR
109	△ 1-953-648-11	o HARNESS, SUB (RCP-POWER1)
110	△ 1-953-649-12	o HARNESS, SUB (5V POWER)
111	1-953-650-12	o HARNESS, SUB (LED)
112	1-953-651-12	o HARNESS (MAIN POWER)
113	△ 1-953-654-11	o HARNESS (AC IN)
114	△ 1-953-655-11	o HARNESS (AC SW)
115	2-990-241-02	s HOLDER (A), PLUG
116	3-625-620-00	s BRACKET, AC CONNECTOR
117	3-681-055-12	o 50PIN PLATE
118	3-681-059-05	o PS CHASSIS
119	3-681-061-03	o PS LID
120	3-681-062-03	o PS PANEL
121	3-681-066-12	o FAN HOLDER
122	3-688-814-01	s CAP, SWITCH
123	3-694-825-11	s SCREW M3 STEP, SPECIAL HEAD ST
124	3-701-440-21	s WASHER PLASTIC (3.5X0.5) (PLA)
125	7-688-004-02	o WASHER (4) (EP-FE/ZNBK/CM2)
126	7-688-004-11	o WASHER W4 (M) (EP-FE/ZN/CM2)
127	3-683-338-31	o FUSE LABEL
128	3-603-809-01	o SPACER
129	3-704-231-01	o LABEL, SAFETY GROUND
130	4-605-511-02	o COVER, INLET, 3P

Rear Panel Block



No.	Part No.	SP Description
201	A-8314-137-A	o PANEL ASSY, COMMAND
202	A-8324-836-A	o MOUNTED CIRCUIT BOARD, CN-1001
203	2-378-801-01	s HANDLE
204	3-681-058-06	s REAR PANEL
205	3-681-064-05	s BLANK PANEL(1)
206	3-681-065-04	s BLANK PANEL(2)
207	3-175-260-01	o FINGER, SNAP
208	3-184-994-03	o ISR STICKER (S)

Part No. SP Description

7-621-760-10 s SCREW +PSW 2.6X20
 7-626-320-11 s SPRING PIN, 3X8 (STEEL)
 7-682-275-09 s SCREW +K 5X10 (EP-FE/ZNBK/CM2)
 7-682-545-09 s SCREW +B3X4
 7-682-546-04 s SCREW +B3X5

 7-682-546-09 s SCREW +B3X5
 7-682-574-04 s SCREW +B5X8 (EP-FE/CU, NI, CR)
 7-682-646-09 s SCREW +PS 3X5
 7-682-660-09 s SCREW +PS 4X6 (EP-FE/ZNBK/CM2)
 7-682-903-19 s SCREW +PWH 3X6 (EP-FE/ZNBK/CM2)

 7-682-903-49 s SCREW +PWH 3X12 (EP-FE/ZNBK/CM2)
 7-682-904-21 s SCREW +PWH 4X10
 7-682-947-01 s SCREW +PSW 3X6
 7-685-871-01 s SCREW BVTT 3X6

3-3. Electrical Parts List

AT-89A BOARD [SUFFIX 21, 22-]

*1: [Board No. suffix 21]
*2: [Board No. suffix 22-]

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8324-786-A	o	MOUNTED CIRCUIT BOARD, AT-89A
1pc	X-3608-830-1	s	BOARD SHIELD ASSY
1pc	3-681-071-03	s	PC BOARD PANEL AT
2pcs	3-681-042-01	o	LEVER, PC BOARD(1)
2pcs	3-681-045-01	o	LEVER, PC BOARD(2)
4pcs	7-626-320-11	s	SPRING PIN,3X8 (STEEL)
9pcs	7-682-947-01	s	SCREW +PSW 3X6
1pc	1-562-579-21	s	RECEPTACLE,CONNECTOR
C1	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C2	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C3	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C4	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C5	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C6	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C7	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C8	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C9	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C10	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
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
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	1-125-777-11	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	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C34	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C35	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
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	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C41	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C42	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C43	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C44	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C45	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C46	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C47	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C48	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C49	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C50	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C51	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C52	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C53	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C54	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C55	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C56	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C57	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C58	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V

(AT-89A BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP	Description
C59	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C60	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C61	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C62	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C63	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C101	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C102	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C103	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C104	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C105	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C106	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C107	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C108	1-125-446-11	s	CAPACITOR DOUBLE LAYERS 0.47F
C109	1-125-446-11	s	CAPACITOR DOUBLE LAYERS 0.47F
C110	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C111	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C112	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C113	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C114	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C115	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C116	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C117	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C118	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C119	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C120	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C121	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C122	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C123	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C124	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C125	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C126	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C201	1-100-503-11	s	CAPACITOR,CERAMIC 4.7MF B 2012
C202	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C203	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C204	1-128-590-11	s	CAPACITOR ELECT 100MF/6.3V(105)
C205	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C206	1-128-396-11	s	CAPACITOR,ELECT 470MF/10V CHIP
C207	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C208	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C209	1-128-590-11	s	CAPACITOR ELECT 100MF/6.3V(105)
C210	1-128-590-11	s	CAPACITOR ELECT 100MF/6.3V(105)
C211	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C212	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C213	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C214	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C215	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C216	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C217	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C218	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C219	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C220	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C221	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C222	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C223	1-165-884-91	s	CAPACITOR, CERAMIC 2.2MF(1608)
C224	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C225	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C226	1-128-396-11	s	CAPACITOR,ELECT 470MF/10V CHIP
C227	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C228	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH

(AT-89A BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP	Description
C229	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C230	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C231	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C232	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C233	1-164-218-11	s	CAPACITOR,CERAMIC 180PF/50V CH
C234	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C235	1-128-396-11	s	CAPACITOR,ELECT 470MF/10V CHIP
C236	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C237	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C238	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C239	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C240	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C243	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C244	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C245	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C246	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C247	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C248	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C249	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C250	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C251	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C252	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C253	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C254	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C255	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C256	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C257	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C313	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C314	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C315	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C316	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C317	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C318	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C319	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C320	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C321	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C322	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C323	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C324	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C325	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C326	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C327	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C328	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C329	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C330	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C331	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C332	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C333	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C334	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
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
CN1	1-764-080-21	o	PIN, CONNECTOR (PC BOARD) 8P
CN3	1-774-668-11	o	CONNECTOR, BOARD TO BOARD 96P
CN4	1-774-668-11	o	CONNECTOR, BOARD TO BOARD 96P
CN6	1-506-475-11	o	PIN,CONNECTOR 10P
COR1	1-564-948-21	o	PIN,CONNECTOR 3P

(AT-89A BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP	Description
D101	8-719-073-92	s	DIODE RB060L-40TE25
D201	8-719-073-92	s	DIODE RB060L-40TE25
D202	8-719-061-59	s	LED CL-200PG-C-TU
D203	8-719-157-97	s	DIODE RD3.6SB
D204	8-719-989-00	s	DIODE DA221
D205	8-719-989-00	s	DIODE DA221
E201	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
E202	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
E203	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
E204	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
E205	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
E206	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
E207	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
E208	1-535-877-22	s	CHIP,CHECKER (TEST POINT)
IC1	8-759-973-71	s	IC TL7705CPS-B
IC2	8-759-242-70	s	IC TC7WU04F
IC3	8-759-242-70	s	IC TC7WU04F
IC4	8-759-485-19	s	IC IDT79R3041-20PF
IC6	8-759-524-28	s	IC TC74VHC245FT(EL)
IC7	8-759-524-28	s	IC TC74VHC245FT(EL)
IC8	8-759-524-28	s	IC TC74VHC245FT(EL)
IC9	8-759-524-28	s	IC TC74VHC245FT(EL)
IC10	8-759-524-51	s	IC TC74VHC573FT (EL)
IC11	8-759-524-51	s	IC TC74VHC573FT (EL)
IC12	8-759-524-51	s	IC TC74VHC573FT (EL)
IC13	8-759-524-51	s	IC TC74VHC573FT (EL)
IC16	8-759-524-51	s	IC TC74VHC573FT (EL)
IC17	8-759-524-51	s	IC TC74VHC573FT (EL)
IC18	8-759-524-51	s	IC TC74VHC573FT (EL)
IC19	8-759-524-51	s	IC TC74VHC573FT (EL)
IC20	6-703-319-01	s	IC EPM7128AETC100-10(03)
IC21	6-703-371-01	s	IC SN74LVC4245APWR
IC22	8-759-524-27	s	IC TC74VHC244FT(EL)
IC23	8-759-524-27	s	IC TC74VHC244FT(EL)
IC24	6-703-371-01	s	IC SN74LVC4245APWR
IC25	6-703-371-01	s	IC SN74LVC4245APWR
IC26	6-703-371-01	s	IC SN74LVC4245APWR
IC27	8-759-524-52	s	IC TC74VHC574FT(EL)
IC28	8-759-242-70	s	IC TC7WU04F
IC101	8-759-523-94	s	IC TC74VHC32FT(EL)
IC102	6-801-529-01	s	IC 27C4002-CNUAT-4-L-V3.30
IC103	6-801-528-01	s	IC 27C4002-CNUAT-5-H-V3.30
IC104	8-759-486-26	s	IC MBM29F800BA-70PFTN
IC105	8-759-486-26	s	IC MBM29F800BA-70PFTN
IC106	8-759-835-84	s	IC CY7C1041B-15VC-T2
IC107	8-759-835-84	s	IC CY7C1041B-15VC-T2
IC108	8-759-835-84	s	IC CY7C1041B-15VC-T2
IC109	8-759-835-84	s	IC CY7C1041B-15VC-T2
IC110	8-759-835-84	s	IC CY7C1041B-15VC-T2
IC111	8-759-835-84	s	IC CY7C1041B-15VC-T2
IC112	8-759-487-51	s	IC HN58C257AT10
IC113	8-759-487-51	s	IC HN58C257AT10
IC114	8-759-487-51	s	IC HN58C257AT10
IC115	8-759-487-51	s	IC HN58C257AT10
IC116	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC117	8-759-592-48	s	IC TC7SZ32FU(TE85R)
IC201	6-700-655-01	s	IC LT1963ES8#TR
IC202	6-705-481-01	s	IC LT1931ES5#TR

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Ref. No. or Q'ty	Part No.	SP Description
IC203	6-700-788-01	s IC MSM514265E-60JSDR1
IC204	8-759-561-46	s IC AD8014ART-REEL7
IC205	6-704-406-01	s IC LM1881MX/NOPB
IC206	8-759-360-97	s IC YGV606B-F
IC207	8-759-009-02	s IC MC14046BF
IC208	8-759-082-61	s IC TC4W53FU
IC209	8-759-561-46	s IC AD8014ART-REEL7
IC210	8-759-523-04	s IC TC74HC4538AFT
IC211	8-759-523-78	s IC TC74VHC00FT(EL)
IC212	8-759-592-43	s IC TC7SZ02FU(TE85R)
IC213	8-759-663-35	s IC 74VHC4053MTCX
IC214	8-759-523-04	s IC TC74HC4538AFT
IC215	8-759-592-48	s IC TC7SZ32FU(TE85R)
IC216	8-759-906-53	s IC TL062CPS
IC305	8-759-996-82	s IC MSM82C55A-2GS
IC306	8-759-996-82	s IC MSM82C55A-2GS
IC307	8-759-524-07	s IC TC74VHC138FT(EL)
IC308	8-759-524-10	s IC TC74VHC157FT (EL)
IC309	8-759-524-10	s IC TC74VHC157FT (EL)
IC310	8-759-524-10	s IC TC74VHC157FT (EL)
IC311	8-759-996-82	s IC MSM82C55A-2GS
IC312	8-759-524-27	s IC TC74VHC244FT(EL)
IC313	8-759-524-27	s IC TC74VHC244FT(EL)
IC314	8-759-524-04	s IC TC74VHC125FT (EL)
IC315	8-759-524-04	s IC TC74VHC125FT (EL)
IC317	8-759-524-50	s IC TC74VHC541FT(EL)
IC318	8-759-524-50	s IC TC74VHC541FT(EL)
IC319	8-759-524-50	s IC TC74VHC541FT(EL)
IC320	8-759-524-28	s IC TC74VHC245FT(EL)
IC321	8-759-524-28	s IC TC74VHC245FT(EL)
IC322	8-759-524-28	s IC TC74VHC245FT(EL)
IC323	8-759-524-28	s IC TC74VHC245FT(EL)
IC324	8-759-524-27	s IC TC74VHC244FT(EL)
IS102	1-526-662-31	s SOCKET, IC (DIP) 40P
IS103	1-526-662-31	s SOCKET, IC (DIP) 40P
L1	1-414-398-11	s INDUCTOR (SMD) 10UH
L2	1-414-754-11	s INDUCTOR 10.0UH
L3	1-414-754-11	s INDUCTOR 10.0UH
L4	1-414-754-11	s INDUCTOR 10.0UH
L6	1-414-754-11	s INDUCTOR 10.0UH
L7	1-414-754-11	s INDUCTOR 10.0UH
L8	1-414-754-11	s INDUCTOR 10.0UH
L9	1-414-754-11	s INDUCTOR 10.0UH
L101	1-414-754-11	s INDUCTOR 10.0UH
L102	1-414-754-11	s INDUCTOR 10.0UH
L103	1-414-754-11	s INDUCTOR 10.0UH
L104	1-414-754-11	s INDUCTOR 10.0UH
L105	1-414-754-11	s INDUCTOR 10.0UH
L106	1-414-754-11	s INDUCTOR 10.0UH
L201	1-416-344-11	s COIL, CHOKE 10UH
L202	1-416-344-11	s COIL, CHOKE 10UH
L203	1-419-491-21	s COIL, CHOKE 10UH
L204	1-416-344-11	s COIL, CHOKE 10UH
L205	1-414-398-11	s INDUCTOR (SMD) 10UH
L206	1-414-755-11	s INDUCTOR 22.0UH
L207	1-414-755-11	s INDUCTOR 22.0UH
L208	1-414-398-11	s INDUCTOR (SMD) 10UH
L209	1-414-398-11	s INDUCTOR (SMD) 10UH

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Ref. No. or Q'ty	Part No.	SP Description
L210	1-414-755-11	s INDUCTOR 22.0UH
L303	1-414-754-11	s INDUCTOR 10.0UH
L304	1-414-754-11	s INDUCTOR 10.0UH
L305	1-414-754-11	s INDUCTOR 10.0UH
L306	1-414-398-11	s INDUCTOR (SMD) 10UH
L307	1-414-398-11	s INDUCTOR (SMD) 10UH
L308	1-414-754-11	s INDUCTOR 10.0UH
Q101	8-729-927-99	s TRANSISTOR 2SC4617R
Q201	8-729-928-27	s TRANSISTOR DTA144EE
Q202	8-729-928-27	s TRANSISTOR DTA144EE
Q203	8-729-928-27	s TRANSISTOR DTA144EE
Q204	8-729-928-19	s TRANSISTOR 2SA1774R
Q205	8-729-928-19	s TRANSISTOR 2SA1774R
R1	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R2	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R3	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R4	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R5	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R6	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R7	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R9	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R10	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R11	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R12	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R13	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R14	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R15	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R16	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R17	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R18	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R19	1-216-864-11	s CONDUCTOR, CHIP (1608)
R20	1-216-864-11	s CONDUCTOR, CHIP (1608)
R21	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R22	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R23	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R32	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R33	1-216-864-11	s CONDUCTOR, CHIP (1608)
R35	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R36	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R37	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R44	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R45	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R46	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R47	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R48	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R49	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R101	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R102	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R103	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R104	1-218-945-11	s RESISTOR,CHIP 220 1/16W(1005)
R201	1-208-911-11	s RESISTOR,CHIP 10K (1005)
R202	1-208-699-11	s RESISTOR,CHIP 4.7K 1/16W(1005)
R203	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R204	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R205	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R208	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R209	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R212	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)

(AT-89A BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP	Description
R213	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R214	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R215	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R216	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R218	1-208-679-11	s	RESISTOR CHIP 680 1/16W (1005)
R219	1-208-955-11	s	RESISTOR CHIP 680K
R220	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R221	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R222	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R223	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R224	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R225	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R226	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R227	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R228	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R229	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R230	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R231	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R232	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R233	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R234	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R235	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R236	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R237	1-208-931-11	s	RESISTOR, CHIP 68K (1005)
R238	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R239	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R240	1-208-688-11	s	RESISTOR, CHIP 1.6K1/16W 1005
R241	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R242	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R243	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R244	1-208-943-11	s	RESISTOR CHIP 220K
R245	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R246	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R247	1-208-923-11	s	RESISTOR, CHIP 33K (1005)
R248	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R249	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R250	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R251	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R252	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R255	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R256	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R257	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R258	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R259	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R260	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R261	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R262	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R263	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R264	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R265	*2 1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R310	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R312	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R313	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R314	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R315	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R316	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R317	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R318	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R319	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)

(AT-89A BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP	Description
R320	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R321	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R322	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R323	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R324	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R325	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R326	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R327	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R328	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R329	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R330	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R331	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R332	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R333	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R334	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R335	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R336	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R337	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R338	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R339	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R340	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R341	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R342	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R343	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R344	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R345	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R346	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R347	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R348	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R349	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R350	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R351	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R352	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R353	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
RB101	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB102	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB103	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB104	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB105	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB106	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB107	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB108	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB109	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB110	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB111	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB112	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB113	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB114	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB115	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB116	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB201	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB202	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB301	1-234-377-21	s	RES, NETWORK 4.7KX4 (1005)
RB302	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB303	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB304	1-234-377-21	s	RES, NETWORK 4.7KX4 (1005)
RB305	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB306	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB307	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
RB308	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB309	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB310	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB311	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB312	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB313	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB314	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB315	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB316	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB317	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB318	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB319	1-234-375-21	s	RES, NETWORK 1KX4 (1005)
RB320	1-234-375-21	s	RES, NETWORK 1KX4 (1005)
RB321	1-234-375-21	s	RES, NETWORK 1KX4 (1005)
RB322	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB323	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB324	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB325	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB326	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB327	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB328	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB329	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB330	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB331	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB332	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB333	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB334	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB335	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB336	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB337	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB338	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB339	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB340	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB341	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB342	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RB343	1-234-380-11	s	RESISTOR,NETWORK 47KX4 (1005)
RV1	*2 1-241-266-11	s	RESISTOR ADJ 50K (CERMET)
RV201	*1 1-241-266-11	s	RESISTOR ADJ 50K (CERMET)
RV202	1-225-789-21	s	RES, ADJ, CERMET 2K
S1	1-771-721-11	s	SWITCH, TACTILE
S3	*2 1-692-271-31	s	SWITCH, SLIDE
S4	*2 1-762-994-11	s	SWITCH, ROTARY
S5	*2 1-572-222-11	s	SWITCH, TOGGLE
S6	*2 1-572-222-11	s	SWITCH, TOGGLE
S7	*2 1-570-857-11	s	SWITCH, SLIDE (1-1-2)
S201	*1 1-570-857-11	s	SWITCH, SLIDE (1-1-2)
S301	1-692-271-31	s	SWITCH, SLIDE
S302	*1 1-692-271-31	s	SWITCH, SLIDE
S303	*1 1-572-222-11	s	SWITCH, TOGGLE
S304	*1 1-572-222-11	s	SWITCH, TOGGLE
S305	*1 1-762-994-11	s	SWITCH, ROTARY
THP201	1-533-817-21	s	THERMISTOR
THP202	1-533-817-21	s	THERMISTOR
THP203	△ 1-533-817-21	s	THERMISTOR
TP1	1-535-877-22	s	CHIP, CHECKER (TEST POINT)
TP200	*2 1-535-877-22	s	CHIP, CHECKER (TEST POINT)
TP202	*2 1-535-877-22	s	CHIP, CHECKER (TEST POINT)

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Ref. No. or Q'ty	Part No.	SP	Description
TP203	*2 1-535-877-22	s	CHIP, CHECKER (TEST POINT)
X1	1-760-778-21	s	VABRATOR, CRYSTAL
X201	1-795-761-12	s	OSCILLATOR, CRYSTAL
X202	1-813-568-12	s	OSCILLATOR, CRYSTAL

AT-89A BOARD [SUFFIX 11]

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8324-786-A	o	MOUNTED CIRCUIT BOARD, AT-89A
2pcs	T-911-336-31	o	SOCKET, IC (DIP) 40P
1pc	3-681-020-01	o	PC SHIELD PLATE
1pc	3-681-071-01	o	PC BOARD PANEL AT
2pcs	3-681-042-01	o	LEVER, PC BOARD(1)
2pcs	3-681-045-01	o	LEVER, PC BOARD(2)
4pcs	7-626-320-11	s	SPRING PIN,3X8 (STEEL)
9pcs	7-682-947-01	s	SCREW +PSW 3X6 (EP-FE/ZN/CM2)
1pc	1-562-579-21	s	RECEPTACLE, CONNECTOR
C1	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C2	1-113-994-11	s	CAPACITOR TANTALUM 6.8MF/16V
C3	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C4	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C5	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C6	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C7	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C8	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C9	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C10	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C11	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C12	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C13	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C14	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C15	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C16	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C17	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C18	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C19	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C20	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C21	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C22	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C23	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C24	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C25	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C26	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C27	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C28	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C29	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C30	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C100	1-163-021-91	s	CAPACITOR, CERAMIC 0.01MF/50V
C101	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C102	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C103	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C104	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C105	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C106	1-163-021-91	s	CAPACITOR, CERAMIC 0.01MF/50V
C107	1-125-446-11	s	CAPACITOR DOUBLE LAYERS 0.47F
C108	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C109	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C110	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C111	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C112	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C113	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C114	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C115	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C116	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C117	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C118	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C119	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V

(AT-89A BOARD [SUFFIX 11])

Ref. No. or Q'ty	Part No.	SP	Description
C120	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C121	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C122	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C123	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C124	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C125	1-125-446-11	s	CAPACITOR DOUBLE LAYERS 0.47F
C200	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C201	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C202	1-163-021-91	s	CAPACITOR, CERAMIC 0.01MF/50V
C203	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C205	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C206	1-163-133-00	s	CAPACITOR,CHIP CERAMIC 470PF
C207	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C208	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C209	1-163-275-11	s	CAPACITOR CERAMIC 1000PF/50V
C210	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C211	1-163-133-00	s	CAPACITOR,CHIP CERAMIC 470PF
C212	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C213	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C214	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C215	1-128-396-11	s	CAPACITOR,ELECT 470MF/10V CHIP
C216	1-163-137-00	s	CAPACITOR,CHIP CERAMIC 680PF
C217	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C218	1-113-990-11	s	CAPACITOR TANTALUM 15MF/16V
C219	1-163-257-11	s	CAPACITOR CERAMIC 180PF/50V
C220	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C221	1-163-137-00	s	CAPACITOR,CHIP CERAMIC 680PF
C222	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C223	1-107-689-21	s	CAPACITOR TANTALUM 1MF/35V
C224	1-163-275-11	s	CAPACITOR CERAMIC 1000PF/50V
C225	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C226	1-128-396-11	s	CAPACITOR,ELECT 470MF/10V CHIP
C228	1-113-990-11	s	CAPACITOR TANTALUM 15MF/16V
C229	1-107-689-21	s	CAPACITOR TANTALUM 1MF/35V
C230	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C231	1-163-245-11	s	CAPACITOR CERAMIC 56PF/50V
C232	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C233	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C234	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C235	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C236	1-128-396-11	s	CAPACITOR,ELECT 470MF/10V CHIP
C237	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C238	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C239	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C240	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C241	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C242	1-128-396-11	s	CAPACITOR,ELECT 470MF/10V CHIP
C243	1-163-263-11	s	CAPACITOR CERAMIC 330PF/50V
C244	1-128-396-11	s	CAPACITOR,ELECT 470MF/10V CHIP
C245	1-128-396-11	s	CAPACITOR,ELECT 470MF/10V CHIP
C246	1-113-990-11	s	CAPACITOR TANTALUM 15MF/16V
C247	1-163-021-91	s	CAPACITOR, CERAMIC 0.01MF/50V
C248	1-163-021-91	s	CAPACITOR, CERAMIC 0.01MF/50V
C300	1-163-243-11	s	CAPACITOR CHIP CERAMIC 47PF/50
C301	1-163-243-11	s	CAPACITOR CHIP CERAMIC 47PF/50
C302	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C303	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C304	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C305	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V

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Ref. No. or Q'ty	Part No.	SP	Description
C306	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C307	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C308	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C309	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C310	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C311	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C312	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C313	1-104-851-11	s	CAPACITOR, TANTALUM 10MF/10V
C314	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C315	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C316	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C317	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C318	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C319	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C320	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C321	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C322	1-104-851-11	s	CAPACITOR, TANTALUM 10MF/10V
C323	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C324	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C325	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C326	1-128-396-11	s	CAPACITOR, ELECT 470MF/10V CHIP
C327	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
CN1	1-561-772-00	o	CONNECTOR 30P
CN2	1-561-772-00	o	CONNECTOR 30P
CN3	1-774-668-11	o	CONNECTOR, BOARD TO BOARD 96P
CN4	1-774-668-11	o	CONNECTOR, BOARD TO BOARD 96P
CN6	1-506-475-11	o	PIN, CONNECTOR 10P
COR1	1-564-948-21	o	PIN, CONNECTOR 3P
D4	8-719-974-41	s	LED HLMP-6500-010
D100	8-719-210-39	s	DIODE EC10QS04
D101	8-719-948-48	s	DIODE HSM88AS-TL (TL)
D102	8-719-948-48	s	DIODE HSM88AS-TL (TL)
D200	8-719-105-51	s	DIODE RD3.6M-B1
D201	8-719-800-76	s	DIODE 1SS226
D202	8-719-210-39	s	DIODE EC10QS04
D203	8-719-157-23	s	DIODE RD4.7M-B
D204	8-719-800-76	s	DIODE 1SS226
IC1	8-759-973-71	s	IC TL7705CPS-B
IC2	8-759-242-70	s	IC TC7WU04F
IC3	8-759-242-70	s	IC TC7WU04F
IC4	8-759-834-49	s	IC 27C4002-CNUAT-4-L-V3.20
IC5	8-759-834-50	s	IC 27C4002-CNUAT-5-H-V3.20
IC10	8-759-378-13	s	IC IDT79R3041-20J
IC11	8-759-926-49	s	IC SN74HC245ANS
IC12	8-759-926-49	s	IC SN74HC245ANS
IC13	8-759-926-49	s	IC SN74HC245ANS
IC14	8-759-926-49	s	IC SN74HC245ANS
IC15	8-759-926-80	s	IC SN74HC573BNS
IC16	8-759-926-80	s	IC SN74HC573BNS
IC17	8-759-926-80	s	IC SN74HC573BNS
IC18	8-759-926-80	s	IC SN74HC573BNS
IC19	8-759-657-66	o	IC EPM7128STC100-AT89A-V1.00
IC100	8-759-035-93	s	IC SC7S32F
IC101	8-759-925-85	s	IC SN74HC32ANS
IC106	8-759-577-62	s	IC KM6164002AJ-15T
IC107	8-759-577-62	s	IC KM6164002AJ-15T
IC108	8-759-577-62	s	IC KM6164002AJ-15T

(AT-89A BOARD [SUFFIX 11])

Ref. No. or Q'ty	Part No.	SP	Description
IC109	8-759-577-62	s	IC KM6164002AJ-15T
IC110	8-759-577-62	s	IC KM6164002AJ-15T
IC111	8-759-577-62	s	IC KM6164002AJ-15T
IC117	8-759-487-51	s	IC HN58C257AT10
IC118	8-759-487-51	s	IC HN58C257AT10
IC119	8-759-487-51	s	IC HN58C257AT10
IC120	8-759-487-51	s	IC HN58C257AT10
IC200	8-759-657-34	s	IC LC324260AJ-60-MPB
IC201	8-759-092-76	s	IC HA9P5020-5
IC203	8-759-987-27	s	IC LM1881M
IC204	8-759-035-93	s	IC SC7S32F
IC205	8-759-239-34	s	IC TC74HC4538AF
IC206	8-759-239-34	s	IC TC74HC4538AF
IC207	8-759-906-53	s	IC TL062CPS
IC208	8-759-242-78	s	IC TC7W02F
IC209	8-759-906-53	s	IC TL062CPS
IC210	8-759-011-65	s	IC MC74HC4053F
IC212	8-759-009-02	s	IC MC14046BF
IC213	8-759-360-97	s	IC YGV606B-F
IC215	8-759-242-64	s	IC TC4W53F
IC222	8-759-092-76	s	IC HA9P5020-5
IC224	8-759-434-07	s	IC MC34063AMEL
IC300	8-759-096-87	s	IC TC7WU04FU (TE12R)
IC301	8-759-035-90	s	IC SC7S02F
IC303	8-759-145-50	s	IC UPD71051GB-3B4
IC304	8-759-926-98	s	IC SN74HC4040ANS
IC307	8-759-521-07	s	IC MAX238CWG
IC308	8-759-148-14	s	IC UPD71055GB-3B4
IC309	8-759-148-14	s	IC UPD71055GB-3B4
IC310	8-759-926-77	s	IC SN74HC541ANS
IC311	8-759-926-77	s	IC SN74HC541ANS
IC312	8-759-926-77	s	IC SN74HC541ANS
IC313	8-759-926-49	s	IC SN74HC245ANS
IC314	8-759-926-49	s	IC SN74HC245ANS
IC315	8-759-926-49	s	IC SN74HC245ANS
IC316	8-759-926-49	s	IC SN74HC245ANS
IC317	8-759-926-48	s	IC SN74HC244ANS
IC320	8-759-926-05	s	IC SN74HC125NS
IC321	8-759-926-05	s	IC SN74HC125NS
L1	1-412-026-11	s	CHIP INDUCTOR 1UH (3225)
L2	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L3	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L4	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L100	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L101	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L102	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L103	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L104	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L105	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L200	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L201	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L202	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L203	1-408-782-11	s	CHIP INDUCTOR 27UH (4532)
L204	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L205	1-414-529-21	s	INDUCTOR (POWER)
L206	1-414-529-21	s	INDUCTOR (POWER)
L300	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L301	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L302	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)

(AT-89A BOARD [SUFFIX 11])

Ref. No. or Q'ty	Part No.	SP	Description
L303	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L304	1-414-529-21	s	INDUCTOR (POWER)
Q100	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q200	8-729-027-38	s	TRANSISTOR DTA144EAK-T146
Q201	8-729-027-38	s	TRANSISTOR DTA144EAK-T146
Q202	8-729-027-38	s	TRANSISTOR DTA144EAK-T146
Q203	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q204	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q205	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
R1	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R4	1-216-121-91	s	RESISTOR CHIP 1M 1/10W(2125)
R5	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R6	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R7	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R8	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R10	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R11	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R12	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R13	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R14	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R15	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R16	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R17	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R18	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R19	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R20	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R21	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R22	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R23	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R24	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R25	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R26	1-216-089-91	s	RESISTOR, CHIP 47K
R27	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R28	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R29	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R30	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R31	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R100	1-216-077-00	s	RESISTOR,CHIP 15K 1/10W(2012)
R101	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R102	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R103	1-216-033-00	s	RESISTOR,CHIP 220 1/10W(2012)
R200	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R201	1-216-009-00	s	RESISTOR,CHIP 22 1/10W(2125)
R202	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R203	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R204	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R206	1-216-045-00	s	RESISTOR,CHIP 680 1/10W(2012)
R207	1-216-117-00	s	RESISTOR,CHIP 680K 1/10W(2012)
R208	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R209	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R210	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R211	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R212	1-216-089-91	s	RESISTOR, CHIP 47K
R213	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R214	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R215	1-216-077-00	s	RESISTOR,CHIP 15K 1/10W(2012)
R216	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R217	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)

(AT-89A BOARD [SUFFIX 11])

Ref. No. or Q'ty	Part No.	SP	Description
R218	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R219	1-216-089-91	s	RESISTOR, CHIP 47K
R220	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R221	1-216-093-00	s	RESISTOR, CHIP 68K 1/10W(2012)
R222	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R223	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R224	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R225	1-216-105-91	s	RESISTOR,CHIP 220K 1/10W(2125)
R226	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R227	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R228	1-216-085-00	s	RESISTOR CHIP 33K 1/10W(2012)
R229	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R230	1-216-659-11	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R231	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R232	1-216-656-11	s	RESISTOR,CHIP 1.6K 1/10W(2012)
R233	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R234	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R235	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R236	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R237	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R238	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R239	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R240	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R241	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R242	1-216-659-11	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R244	1-216-089-91	s	RESISTOR, CHIP 47K
R245	1-216-089-91	s	RESISTOR, CHIP 47K
R246	1-216-089-91	s	RESISTOR, CHIP 47K
R247	1-216-089-91	s	RESISTOR, CHIP 47K
R248	1-216-022-00	s	RESISTOR,CHIP 75 1/10W (2125)
R249	1-216-022-00	s	RESISTOR,CHIP 75 1/10W (2125)
R250	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R251	1-216-668-11	s	RESISTOR,CHIP 5.1K 1/10W(2012)
R252	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R253	1-216-679-11	s	RESISTOR CHIP 15K 1/10W (2012)
R255	1-216-677-11	s	RESISTOR,CHIP 12K 1/10W(2012)
R256	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R257	1-216-089-91	s	RESISTOR, CHIP 47K
R258	1-216-089-91	s	RESISTOR, CHIP 47K
R259	1-216-089-91	s	RESISTOR, CHIP 47K
R260	1-216-089-91	s	RESISTOR, CHIP 47K
R261	1-216-089-91	s	RESISTOR, CHIP 47K
R262	1-216-089-91	s	RESISTOR, CHIP 47K
R263	1-216-089-91	s	RESISTOR, CHIP 47K
R264	1-216-089-91	s	RESISTOR, CHIP 47K
R265	1-216-089-91	s	RESISTOR, CHIP 47K
R300	1-216-121-91	s	RESISTOR CHIP 1M 1/10W(2125)
R301	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R304	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R307	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R309	1-216-089-91	s	RESISTOR, CHIP 47K
R310	1-216-089-91	s	RESISTOR, CHIP 47K
R311	1-216-089-91	s	RESISTOR, CHIP 47K
R313	1-216-089-91	s	RESISTOR, CHIP 47K
R314	1-216-089-91	s	RESISTOR, CHIP 47K
R315	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R316	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R317	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R318	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)

(AT-89A BOARD [SUFFIX 11])

Ref. No. or Q'ty	Part No.	SP	Description
R378	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R379	1-216-089-91	s	RESISTOR, CHIP 47K
R380	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R381	1-216-089-91	s	RESISTOR, CHIP 47K
R382	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R383	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R384	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R385	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R386	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R387	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R388	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R389	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R390	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R391	1-216-089-91	s	RESISTOR, CHIP 47K
R392	1-216-089-91	s	RESISTOR, CHIP 47K
R393	1-216-089-91	s	RESISTOR, CHIP 47K
R394	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R395	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R396	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R397	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R398	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R399	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R400	1-216-089-91	s	RESISTOR, CHIP 47K
R401	1-216-089-91	s	RESISTOR, CHIP 47K
R402	1-216-089-91	s	RESISTOR, CHIP 47K
R403	1-216-089-91	s	RESISTOR, CHIP 47K
R404	1-216-089-91	s	RESISTOR, CHIP 47K
R405	1-216-089-91	s	RESISTOR, CHIP 47K
R406	1-216-089-91	s	RESISTOR, CHIP 47K
R407	1-216-089-91	s	RESISTOR, CHIP 47K
R408	1-216-089-91	s	RESISTOR, CHIP 47K
R409	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R410	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R411	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
RB100	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB101	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB102	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB103	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB104	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB105	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB106	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB107	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB300	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB301	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB302	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB303	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB304	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB305	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB306	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB307	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB308	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RV1	1-228-476-00	s	RESISTOR. ADJ 50K
RV201	1-237-034-11	s	RESISTOR,ADJ,CERMET 2K
S1	1-762-400-11	s	SWITCH
S3	1-692-271-31	s	SWITCH, SLIDE
S4	1-762-994-11	s	SWITCH, ROTARY
S5	1-572-222-11	s	SWITCH, TOGGLE
S6	1-572-222-11	s	SWITCH, TOGGLE

(AT-89A BOARD [SUFFIX 11])

Ref. No. or Q'ty	Part No.	SP Description
S7	1-570-857-11	s SWITCH,SLIDE (1-1-2)
THP300 Δ	1-533-817-21	s THERMISTOR
X2	1-760-225-11	s VIBRATOR, CERAMIC
X200	1-760-267-11	s OSCILLATOR, CRYSTAL (VCO TYPE)
X201	1-760-436-11	s OSCILLATOR, CRYSTAL (VCO TIPE)
X300	1-579-539-11	s VIBRATOR,CRYSTAL

CN-1000 BOARD

Ref. No. or Q'ty	Part No.	SP Description
CN2	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
D1	8-719-023-53	s DIODE EA30QS04-F
D2	8-719-023-53	s DIODE EA30QS04-F
D3	8-719-023-53	s DIODE EA30QS04-F
D4	8-719-023-53	s DIODE EA30QS04-F
D5	8-719-023-53	s DIODE EA30QS04-F
D6	8-719-023-53	s DIODE EA30QS04-F
D7	8-719-023-53	s DIODE EA30QS04-F
D8	8-719-023-53	s DIODE EA30QS04-F
D9	8-719-023-53	s DIODE EA30QS04-F
D10	8-719-023-53	s DIODE EA30QS04-F
D11	8-719-023-53	s DIODE EA30QS04-F
D12	8-719-023-53	s DIODE EA30QS04-F
D13	8-719-023-53	s DIODE EA30QS04-F
D15	8-719-023-53	s DIODE EA30QS04-F
D16	8-719-023-53	s DIODE EA30QS04-F
FB1	1-543-775-11	s BEAD, FERRITE
FB2	1-543-775-11	s BEAD, FERRITE
FB3	1-543-775-11	s BEAD, FERRITE
FB4	1-543-775-11	s BEAD, FERRITE
FB5	1-543-775-11	s BEAD, FERRITE
FB6	1-543-775-11	s BEAD, FERRITE
FB7	1-543-775-11	s BEAD, FERRITE
FB8	1-543-775-11	s BEAD, FERRITE
FB9	1-543-775-11	s BEAD, FERRITE
FB10	1-543-775-11	s BEAD, FERRITE
FB11	1-543-775-11	s BEAD, FERRITE
FB12	1-543-775-11	s BEAD, FERRITE
FB13	1-543-775-11	s BEAD, FERRITE
FB14	1-543-775-11	s BEAD, FERRITE
FB15	1-543-775-11	s BEAD, FERRITE
FB16	1-543-775-11	s BEAD, FERRITE
FB17	1-543-775-11	s BEAD, FERRITE
FB18	1-543-775-11	s BEAD, FERRITE
FB19	1-543-775-11	s BEAD, FERRITE
FB20	1-543-775-11	s BEAD, FERRITE
FB21	1-543-775-11	s BEAD, FERRITE
FB22	1-543-775-11	s BEAD, FERRITE
FB23	1-543-775-11	s BEAD, FERRITE
FB24	1-543-775-11	s BEAD, FERRITE
FB25	1-543-775-11	s BEAD, FERRITE
FB26	1-543-775-11	s BEAD, FERRITE
FB27	1-543-775-11	s BEAD, FERRITE
FB28	1-543-775-11	s BEAD, FERRITE
FB29	1-543-775-11	s BEAD, FERRITE
FB30	1-543-775-11	s BEAD, FERRITE
FB31	1-543-775-11	s BEAD, FERRITE
FB32	1-543-775-11	s BEAD, FERRITE
FB33	1-543-775-11	s BEAD, FERRITE
FB34	1-543-775-11	s BEAD, FERRITE
FB35	1-543-775-11	s BEAD, FERRITE
FB36	1-543-775-11	s BEAD, FERRITE
FB37	1-543-775-11	s BEAD, FERRITE
FB38	1-543-775-11	s BEAD, FERRITE
FB39	1-543-775-11	s BEAD, FERRITE
FB40	1-543-775-11	s BEAD, FERRITE
FB41	1-543-775-11	s BEAD, FERRITE
FB42	1-543-775-11	s BEAD, FERRITE

(CN-1000 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
FB43	1-543-775-11	s BEAD, FERRITE
FB44	1-543-775-11	s BEAD, FERRITE
FB45	1-543-775-11	s BEAD, FERRITE
FB46	1-543-775-11	s BEAD, FERRITE
FB47	1-543-775-11	s BEAD, FERRITE
FB48	1-543-775-11	s BEAD, FERRITE
FB49	1-543-775-11	s BEAD, FERRITE
FB50	1-543-775-11	s BEAD, FERRITE
FB51	1-543-775-11	s BEAD, FERRITE
FB52	1-543-775-11	s BEAD, FERRITE
FB53	1-543-775-11	s BEAD, FERRITE
FB54	1-543-775-11	s BEAD, FERRITE
FB55	1-543-775-11	s BEAD, FERRITE
FB56	1-543-775-11	s BEAD, FERRITE
FB57	1-543-775-11	s BEAD, FERRITE
FB58	1-543-775-11	s BEAD, FERRITE
FB59	1-543-775-11	s BEAD, FERRITE
FB60	1-543-775-11	s BEAD, FERRITE
FB61	1-543-775-11	s BEAD, FERRITE
FB62	1-543-775-11	s BEAD, FERRITE
FB63	1-543-775-11	s BEAD, FERRITE
FB64	1-543-775-11	s BEAD, FERRITE
FL1	1-239-466-21	s FILTER, EMI
FL2	1-239-466-21	s FILTER, EMI
FL3	1-239-466-21	s FILTER, EMI
FL4	1-239-466-21	s FILTER, EMI
FL5	1-239-466-21	s FILTER, EMI
FL6	1-239-466-21	s FILTER, EMI
FL7	1-239-466-21	s FILTER, EMI
FL8	1-239-466-21	s FILTER, EMI
FL9	1-239-466-21	s FILTER, EMI
FL10	1-239-466-21	s FILTER, EMI
FL11	1-239-466-21	s FILTER, EMI
FL12	1-239-466-21	s FILTER, EMI
FL13	1-239-466-21	s FILTER, EMI
FL14	1-239-466-21	s FILTER, EMI
FL15	1-239-466-21	s FILTER, EMI
FL16	1-239-466-21	s FILTER, EMI
FL17	1-239-466-21	s FILTER, EMI
FL18	1-239-466-21	s FILTER, EMI
FL19	1-239-466-21	s FILTER, EMI
FL20	1-239-466-21	s FILTER, EMI
FL21	1-239-466-21	s FILTER, EMI
FL22	1-239-466-21	s FILTER, EMI
FL23	1-239-466-21	s FILTER, EMI
FL24	1-239-466-21	s FILTER, EMI
FL25	1-239-466-21	s FILTER, EMI
FL26	1-239-466-21	s FILTER, EMI
FL27	1-239-466-21	s FILTER, EMI
FL28	1-239-466-21	s FILTER, EMI
FL29	1-239-466-21	s FILTER, EMI
FL30	1-239-466-21	s FILTER, EMI
FL31	1-239-466-21	s FILTER, EMI
FL32	1-239-466-21	s FILTER, EMI

CN-1001 BOARD [SUFFIX 21]

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8324-836-A	s MOUNTED CIRCUIT BOARD, CN-1001
6pcs	3-711-228-21	o STANDOFF, D-SUB CONNECTOR
CN15	1-580-544-11	s PIN, CONNECTOR (PC BOARD) 30P
CN16	1-563-890-21	s SOCKET, D-SUB CONNECTOR (9P)
CN17	1-563-890-21	s SOCKET, D-SUB CONNECTOR (9P)
CN18	1-563-890-21	s SOCKET, D-SUB CONNECTOR (9P)
CN19	1-580-535-11	o PIN, CONNECTOR (PC BOARD) 12P
CN20	1-562-382-31	s CONNECTOR, BNC
CN21	1-562-382-31	s CONNECTOR, BNC
CN22	1-562-382-31	s CONNECTOR, BNC
CN23	1-562-382-31	s CONNECTOR, BNC
FB65	1-543-775-11	s BEAD, FERRITE
FB66	1-543-775-11	s BEAD, FERRITE
FB67	1-543-775-11	s BEAD, FERRITE
FB68	1-543-775-11	s BEAD, FERRITE
FB69	1-543-775-11	s BEAD, FERRITE
FB70	1-543-775-11	s BEAD, FERRITE
FB71	1-543-775-11	s BEAD, FERRITE
FB72	1-543-775-11	s BEAD, FERRITE
FB73	1-543-775-11	s BEAD, FERRITE
FB74	1-543-775-11	s BEAD, FERRITE
FB75	1-543-775-11	s BEAD, FERRITE
FB76	1-543-775-11	s BEAD, FERRITE
FB77	1-543-775-11	s BEAD, FERRITE
FB78	1-543-775-11	s BEAD, FERRITE
FB79	1-543-775-11	s BEAD, FERRITE
FB80	1-543-775-11	s BEAD, FERRITE
FB81	1-543-775-11	s BEAD, FERRITE
FB82	1-543-775-11	s BEAD, FERRITE
FB83	1-543-775-11	s BEAD, FERRITE
FB84	1-543-775-11	s BEAD, FERRITE
FB85	1-543-775-11	s BEAD, FERRITE
FB86	1-543-775-11	s BEAD, FERRITE
FB87	1-543-775-11	s BEAD, FERRITE
FB88	1-543-775-11	s BEAD, FERRITE

CN-1001 BOARD [SUFFIX 12]

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8324-836-A	o	MOUNTED CIRCUIT BOARD, CN-1001
6pcs	3-711-228-01	o	STANDOFF,D SUB CONN
CN15	1-580-544-11	s	PIN, CONNECTOR (PC BOARD) 30P
CN16	1-563-890-21	s	SOCKET,D-SUB CONNECTOR (9P)
CN17	1-563-890-21	s	SOCKET,D-SUB CONNECTOR (9P)
CN18	1-563-890-21	s	SOCKET,D-SUB CONNECTOR (9P)
CN19	1-580-535-11	o	PIN, CONNECTOR (PC BOARD) 12P
CN20	1-562-382-31	s	CONNECTOR,BNC
CN21	1-562-382-31	s	CONNECTOR,BNC
CN22	1-562-382-31	s	CONNECTOR,BNC
CN23	1-562-382-31	s	CONNECTOR,BNC
FB65	1-543-775-11	s	BEAD, FERRITE
FB66	1-543-775-11	s	BEAD, FERRITE
FB67	1-543-775-11	s	BEAD, FERRITE
FB68	1-543-775-11	s	BEAD, FERRITE
FB69	1-543-775-11	s	BEAD, FERRITE
FB70	1-543-775-11	s	BEAD, FERRITE
FB71	1-543-775-11	s	BEAD, FERRITE
FB72	1-543-775-11	s	BEAD, FERRITE
FB73	1-543-775-11	s	BEAD, FERRITE
FB74	1-543-775-11	s	BEAD, FERRITE
FB75	1-543-775-11	s	BEAD, FERRITE
FB76	1-543-775-11	s	BEAD, FERRITE
FB77	1-543-775-11	s	BEAD, FERRITE
FB78	1-543-775-11	s	BEAD, FERRITE
FB79	1-543-775-11	s	BEAD, FERRITE
FB80	1-543-775-11	s	BEAD, FERRITE
FB81	1-543-775-11	s	BEAD, FERRITE
FB82	1-543-775-11	s	BEAD, FERRITE
FB83	1-543-775-11	s	BEAD, FERRITE
FB84	1-543-775-11	s	BEAD, FERRITE
FB85	1-543-775-11	s	BEAD, FERRITE
FB86	1-543-775-11	s	BEAD, FERRITE
FB87	1-543-775-11	s	BEAD, FERRITE
FB88	1-543-775-11	s	BEAD, FERRITE

CN-1002A BOARD [SUFFIX 21]

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8327-778-A	o	MOUNTED CIRCUIT BOARD, CN-1002A
C1	△ 1-113-920-11	s	CAPACITOR,CERAMIC 2200PF/250V
C2	△ 1-113-920-11	s	CAPACITOR,CERAMIC 2200PF/250V
C3	△ 1-113-920-11	s	CAPACITOR,CERAMIC 2200PF/250V
C4	△ 1-113-920-11	s	CAPACITOR,CERAMIC 2200PF/250V
C5	1-126-767-11	s	CAPACITOR,ELECT 1000MF/16V
CN30	△ 1-580-837-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN31	△ 1-766-175-11	o	PIN, CONNECTOR (PC BOARD) 5P
CN32	△ 1-580-837-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN33	△ 1-580-837-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN34	△ 1-580-837-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN35	1-764-101-11	s	PIN, CONNECTOR (PC BOARD) 2P
CN36	1-764-101-11	s	PIN, CONNECTOR (PC BOARD) 2P
CN37	1-580-838-11	o	PIN,CONNECTOR (PC BOARD) 4P
CN38	1-564-505-11	s	PLUG,CONNECTOR (2P)
CN39	1-566-758-11	o	PIN,CONNECTOR 3P
CN40	1-580-542-11	o	PIN, CONNECTOR (PC BOARD) 26P
R1	1-249-413-11	s	RESISTOR,CARBON 470 1/4W SMALL
R2	1-215-884-11	s	RESISTOR,METAL FILM 47/2W
R3	1-215-884-11	s	RESISTOR,METAL FILM 47/2W
R4	1-214-937-00	s	RESISTOR,METAL FILM 1M 1/2W
T1	△ 1-421-944-31	s	TRANSFORMER,LINE FILTER

CN-1002/1002A BOARD [SUFFIX 13,14]

*a: Serial No. 38001-38010(J),
18001-18030(UC),48001-48015(CE)
*b: Serial No. 38011-38072(J),
18031-18206(UC),48016-48207(CE)

Ref. No. or Q'ty	Part No.	SP Description
1pc	*b A-8327-778-A	o MOUNTED CIRCUIT BOARD, CN-1002A
	*a A-8314-146-A	o MOUNTED CIRCUIT BOARD, CN-1002
C1	Δ 1-113-920-11	s CAPACITOR,CERAMIC 2200PF/250V
C2	Δ 1-113-920-11	s CAPACITOR,CERAMIC 2200PF/250V
C3	Δ 1-113-920-11	s CAPACITOR,CERAMIC 2200PF/250V
C4	Δ 1-113-920-11	s CAPACITOR,CERAMIC 2200PF/250V
C5	1-126-767-11	s CAPACITOR,ELECT 1000MF/16V
CN30	1-580-837-11	o PIN,CONNECTOR (PC BOARD) 3P
CN31	1-766-175-11	o PIN, CONNECTOR (PC BOARD) 5P
CN32	1-580-837-11	o PIN,CONNECTOR (PC BOARD) 3P
CN33	1-580-837-11	o PIN,CONNECTOR (PC BOARD) 3P
CN34	1-580-837-11	o PIN,CONNECTOR (PC BOARD) 3P
CN35	1-764-101-11	s PIN, CONNECTOR (PC BOARD) 2P
CN36	1-764-101-11	s PIN, CONNECTOR (PC BOARD) 2P
CN37	1-580-838-11	o PIN,CONNECTOR (PC BOARD) 4P
CN38	1-564-505-11	o PLUG,CONNECTOR (2P)
CN39	1-568-961-11	s PIN,CONNECTOR 3P
CN40	1-506-642-11	o CONNECTOR,PS 12P
R1	1-247-823-31	s RESISTOR, CARBON (SMALL) 470
R2	*b Δ 1-217-220-11	s RESISTOR,WIRE WOUND 47/2W
	*a Δ 1-215-912-11	s RESISTOR,METAL FILM 150/3W
R3	*b Δ 1-217-220-11	s RESISTOR,WIRE WOUND 47/2W
	*a Δ 1-215-912-11	s RESISTOR,METAL FILM 150/3W
R4	Δ 1-214-937-00	s RESISTOR,METAL FILM 1M 1/2W
T1	Δ 1-421-944-31	s TRANSFORMER,LINE FILTER

CN-999 BOARD [SUFFIX 21]

Ref. No. or Q'ty	Part No.	SP Description
CN11	1-766-696-11	o CONNECTOR, ROUND TYPE 8P
CN12	1-766-696-11	o CONNECTOR, ROUND TYPE 8P
CN13	1-766-696-11	o CONNECTOR, ROUND TYPE 8P
CN14	1-766-696-11	o CONNECTOR, ROUND TYPE 8P

CN-999 BOARD [SUFFIX 11]

Ref. No. or Q'ty	Part No.	SP Description
CN1	1-566-098-11	o PIN,BOARD TO BOARD 14P
CN2	1-566-098-11	o PIN,BOARD TO BOARD 14P
CN11	1-766-696-11	o CONNECTOR, ROUND TYPE 8P
CN12	1-766-696-11	o CONNECTOR, ROUND TYPE 8P
CN13	1-766-696-11	o CONNECTOR, ROUND TYPE 8P
CN14	1-766-696-11	o CONNECTOR, ROUND TYPE 8P

IF-777 BOARD [SUFFIX 21, 22-]

*1: [Board No. suffix 21]
*2: [Board No. suffix 22-]

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8324-788-A	o MOUNTED CIRCUIT BOARD, IF-777
1pc	X-3608-830-1	s BOARD SHIELD ASSY
1pc	3-681-070-03	s PC BOARD PANEL 1F
2pcs	3-681-042-01	o LEVER, PC BOARD(1)
2pcs	3-681-045-01	o LEVER, PC BOARD(2)
4pcs	7-626-320-11	s SPRING PIN,3X8 (STEEL)
9pcs	7-682-947-01	s SCREW +PSW 3X6
1pc	1-562-579-21	s RECEPTACLE,CONNECTOR
1pc	1-562-579-21	s RECEPTACLE,CONNECTOR
1pc	1-562-579-21	s RECEPTACLE,CONNECTOR
C3	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C4	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C5	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C6	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C7	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C8	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C9	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C10	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C11	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C12	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C13	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C14	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C15	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C16	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C52	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C53	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C54	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C55	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C56	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C57	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C58	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C59	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C60	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C61	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C62	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C63	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C64	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C65	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	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C105	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C106	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C107	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C108	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C109	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C110	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C111	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C112	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C113	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C114	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C115	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V

(IF-777 BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP	Description
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	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C156	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C157	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C158	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C159	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C160	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C161	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C162	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C163	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C164	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C165	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C203	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C204	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C205	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C206	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C207	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C208	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C209	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C210	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C211	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C212	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C213	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C214	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C215	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C216	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C253	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C254	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C255	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C256	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C257	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C258	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C259	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C260	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C261	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C262	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C263	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C264	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C265	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C266	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C303	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C304	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C305	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C306	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C307	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C308	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C309	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C353	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C354	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C355	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C356	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C357	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C358	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C359	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C401	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C402	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C403	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)

(IF-777 BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP	Description
C404	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C405	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C406	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C407	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C408	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C409	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C410	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C411	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C412	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C413	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C414	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C415	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C416	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C417	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C418	1-100-352-91	s	CAP, CHIP CERAMIC 1MF B (1608)
C419	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C420	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C421	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C422	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C423	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C424	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C425	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C426	1-164-854-11	s	CAPACITOR,CHIP CERAMIC 15PF/50
C427	1-164-854-11	s	CAPACITOR,CHIP CERAMIC 15PF/50
C428	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C429	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C501	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C502	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C503	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C504	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C505	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C506	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C507	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C508	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C509	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
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	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C520	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C521	1-128-396-11	s	CAPACITOR,ELECT 470MF/10V CHIP
C522	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C523	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C524	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C525	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN1	1-774-668-11	o	CONNECTOR, BOARD TO BOARD 96P
CN3	1-774-668-11	o	CONNECTOR, BOARD TO BOARD 96P
CN501	1-764-080-21	o	PIN, CONNECTOR (PC BOARD) 8P
D1	8-719-067-38	s	DIODE SFPB-74VL
D2	8-719-210-33	s	DIODE EC10DS2 (RECTI)
D50	8-719-067-38	s	DIODE SFPB-74VL
D51	8-719-210-33	s	DIODE EC10DS2 (RECTI)

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Ref. No. or Q'ty	Part No.	SP Description	
D52	8-719-801-78	s DIODE 1SS184	
D100	8-719-067-38	s DIODE SFPB-74VL	
D101	8-719-210-33	s DIODE EC10DS2	(RECTI)
D150	8-719-067-38	s DIODE SFPB-74VL	
D151	8-719-210-33	s DIODE EC10DS2	(RECTI)
D152	8-719-801-78	s DIODE 1SS184	
D201	8-719-210-33	s DIODE EC10DS2	(RECTI)
D202	8-719-067-38	s DIODE SFPB-74VL	
D251	8-719-210-33	s DIODE EC10DS2	(RECTI)
D252	8-719-067-38	s DIODE SFPB-74VL	
D253	8-719-801-78	s DIODE 1SS184	
D501	8-719-061-59	s LED CL-200PG-C-TU	
D502	8-719-061-59	s LED CL-200PG-C-TU	
E502	1-535-757-11	s CHIP, CHECKER (CONNECTOR)	
E503	1-535-757-11	s CHIP, CHECKER (CONNECTOR)	
E504	1-535-757-11	s CHIP, CHECKER (CONNECTOR)	
E505	1-535-757-11	s CHIP, CHECKER (CONNECTOR)	
E506	1-535-757-11	s CHIP, CHECKER (CONNECTOR)	
IC1	8-759-092-81	s IC SN75158PS	
IC2	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC3	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC4	8-759-390-57	s IC UPC2405AHF	
IC5	6-705-562-01	s IC UPC29M33AT-E1-AZ	
IC6	8-759-594-17	o IC CXD9093R	
IC50	8-759-092-81	s IC SN75158PS	
IC51	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC52	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC53	8-759-390-57	s IC UPC2405AHF	
IC54	6-705-562-01	s IC UPC29M33AT-E1-AZ	
IC55	8-759-594-17	o IC CXD9093R	
IC100	8-759-092-81	s IC SN75158PS	
IC101	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC102	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC103	8-759-390-57	s IC UPC2405AHF	
IC104	6-705-562-01	s IC UPC29M33AT-E1-AZ	
IC105	8-759-594-17	o IC CXD9093R	
IC150	8-759-092-81	s IC SN75158PS	
IC151	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC152	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC153	8-759-390-57	s IC UPC2405AHF	
IC154	6-705-562-01	s IC UPC29M33AT-E1-AZ	
IC155	8-759-594-17	o IC CXD9093R	
IC201	8-759-092-81	s IC SN75158PS	
IC202	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC203	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC204	8-759-390-57	s IC UPC2405AHF	
IC205	6-705-562-01	s IC UPC29M33AT-E1-AZ	
IC206	8-759-594-17	o IC CXD9093R	
IC251	8-759-092-81	s IC SN75158PS	
IC252	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC253	8-759-523-02	s IC TC74HC4053AFT (EL)	
IC254	8-759-390-57	s IC UPC2405AHF	
IC255	6-705-562-01	s IC UPC29M33AT-E1-AZ	
IC256	8-759-594-17	o IC CXD9093R	
IC301	8-759-092-81	s IC SN75158PS	
IC302	6-705-562-01	s IC UPC29M33AT-E1-AZ	
IC303	8-759-594-17	o IC CXD9093R	
IC351	8-759-092-81	s IC SN75158PS	

(IF-777 BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP Description	
IC352	6-705-562-01	s IC UPC29M33AT-E1-AZ	
IC353	8-759-594-17	o IC CXD9093R	
IC401	8-759-054-56	s IC SN75179BPS	
IC402	6-705-067-01	s IC MAX232DR	
IC403	6-705-067-01	s IC MAX232DR	
IC404	6-705-067-01	s IC MAX232DR	
IC405	6-705-067-01	s IC MAX232DR	
IC406	6-705-562-01	s IC UPC29M33AT-E1-AZ	
IC407	8-759-594-17	o IC CXD9093R	
IC408	8-759-530-30	s IC TC74VHC04FT (EL)	
IC501	8-759-996-82	s IC MSM82C55A-2GS	
IC502	8-759-996-82	s IC MSM82C55A-2GS	
IC503	8-759-996-82	s IC MSM82C55A-2GS	
IC504	8-759-996-82	s IC MSM82C55A-2GS	
IC505	6-703-319-01	o IC EPM7128AETC100-10 (03)	
IC507	6-705-562-01	s IC UPC29M33AT-E1-AZ	
IC510	6-703-371-01	s IC SN74LVC4245APWR	
IC511	8-759-523-82	s IC TC74VHC10FT (EL)	
IC512	8-759-524-07	s IC TC74VHC138FT (EL)	
IC514	8-759-524-07	s IC TC74VHC138FT (EL)	
IC515	8-759-524-07	s IC TC74VHC138FT (EL)	
IC516	8-759-524-50	s IC TC74VHC541FT (EL)	
IC517	8-759-524-50	s IC TC74VHC541FT (EL)	
IC518	8-759-524-28	s IC TC74VHC245FT (EL)	
IC519	8-759-592-42	s IC TC7SZ00FU (TE85R)	
L1	1-414-755-11	s INDUCTOR 22.0UH	
L2	1-416-344-11	s COIL, CHOKE 10UH	
L50	1-414-755-11	s INDUCTOR 22.0UH	
L51	1-416-344-11	s COIL, CHOKE 10UH	
L100	1-414-755-11	s INDUCTOR 22.0UH	
L101	1-416-344-11	s COIL, CHOKE 10UH	
L150	1-414-755-11	s INDUCTOR 22.0UH	
L151	1-416-344-11	s COIL, CHOKE 10UH	
L201	1-414-755-11	s INDUCTOR 22.0UH	
L202	1-416-344-11	s COIL, CHOKE 10UH	
L251	1-414-755-11	s INDUCTOR 22.0UH	
L252	1-416-344-11	s COIL, CHOKE 10UH	
L301	1-414-755-11	s INDUCTOR 22.0UH	
L302	1-416-344-11	s COIL, CHOKE 10UH	
L351	1-414-755-11	s INDUCTOR 22.0UH	
L352	1-416-344-11	s COIL, CHOKE 10UH	
L401	1-416-510-21	s COIL, CHOKE 100UH	
L402	1-416-344-11	s COIL, CHOKE 10UH	
L403	1-416-344-11	s COIL, CHOKE 10UH	
L501	1-414-754-11	s INDUCTOR 10.0UH	
L502	1-414-754-11	s INDUCTOR 10.0UH	
L503	1-469-529-11	s INDUCTOR, (SMD) 10UH	
L504	1-414-754-11	s INDUCTOR 10.0UH	
L505	1-414-754-11	s INDUCTOR 10.0UH	
PH1	8-749-014-35	s IC HCPL-0630-500	
PH2	8-749-014-35	s IC HCPL-0630-500	
PH50	8-749-014-35	s IC HCPL-0630-500	
PH51	8-749-014-35	s IC HCPL-0630-500	
PH100	8-749-014-35	s IC HCPL-0630-500	
PH101	8-749-014-35	s IC HCPL-0630-500	
PH150	8-749-014-35	s IC HCPL-0630-500	
PH151	8-749-014-35	s IC HCPL-0630-500	
PH201	8-749-014-35	s IC HCPL-0630-500	
PH202	8-749-014-35	s IC HCPL-0630-500	

(IF-777 BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP	Description
R102	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R103	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R104	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R105	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R106	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R107	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R108	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R109	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R110	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R111	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R112	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R113	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R114	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R115	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R116	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R117	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R118	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R119	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R120	1-218-634-11	s	RESISTOR CHIP 470/1W (6332)
R121	1-218-634-11	s	RESISTOR CHIP 470/1W (6332)
R122	1-218-634-11	s	RESISTOR CHIP 470/1W (6332)
R123	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R124	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R150	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R151	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R152	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R153	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R154	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R155	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R156	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R157	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R158	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R159	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R160	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R161	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R162	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R163	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R164	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R165	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R166	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R167	1-208-935-11	s	RESISTOR, CHIP 100K (1005)
R168	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R169	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R170	1-218-634-11	s	RESISTOR CHIP 470/1W (6332)
R171	1-218-634-11	s	RESISTOR CHIP 470/1W (6332)
R172	1-218-634-11	s	RESISTOR CHIP 470/1W (6332)
R173	1-208-911-11	s	RESISTOR, CHIP 10K (1005)
R174	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R201	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R202	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R203	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R204	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R205	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R206	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R207	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R208	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R209	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R210	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R211	1-208-927-11	s	RESISTOR, CHIP 47K 1/16W(1005)

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Ref. No. or Q'ty	Part No.	SP Description
R212	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R213	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R214	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R215	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R216	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R217	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R218	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R219	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R220	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R221	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R222	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R223	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R224	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R225	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R251	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R252	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R253	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R254	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R255	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R256	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R257	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R258	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R259	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R260	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R261	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R262	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R263	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R264	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R265	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R266	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R267	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R268	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R269	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R270	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R271	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R272	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R273	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R274	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R275	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R301	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R302	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R303	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R304	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R305	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R306	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R307	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R308	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R309	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R310	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R311	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R312	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R313	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R351	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R352	1-208-663-11	s RESISTOR CHIP 150 1/16W (1005)
R353	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R354	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R355	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R356	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R357	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)

(IF-777 BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP Description
R358	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R359	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R360	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R361	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R362	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R363	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R401	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R402	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R403	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R404	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R405	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R406	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R407	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R408	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R409	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R410	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R411	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R412	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R413	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R414	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R415	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R416	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R417	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R418	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R419	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R420	1-216-864-11	s CONDUCTOR, CHIP (1608)
R421	1-216-864-11	s CONDUCTOR, CHIP (1608)
R422	1-216-864-11	s CONDUCTOR, CHIP (1608)
R423	1-216-864-11	s CONDUCTOR, CHIP (1608)
R424	1-216-864-11	s CONDUCTOR, CHIP (1608)
R425	1-216-864-11	s CONDUCTOR, CHIP (1608)
R426	1-216-864-11	s CONDUCTOR, CHIP (1608)
R427	1-216-864-11	s CONDUCTOR, CHIP (1608)
R428	1-216-864-11	s CONDUCTOR, CHIP (1608)
R429	1-216-864-11	s CONDUCTOR, CHIP (1608)
R501	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R502	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R503	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R507	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R510	1-211-969-11	s RESISTOR,CHIP 10 1/10W (1608)
R511	1-211-969-11	s RESISTOR,CHIP 10 1/10W (1608)
R512	1-211-969-11	s RESISTOR,CHIP 10 1/10W (1608)
R513	1-211-969-11	s RESISTOR,CHIP 10 1/10W (1608)
R514	1-211-969-11	s RESISTOR,CHIP 10 1/10W (1608)
R515	1-211-969-11	s RESISTOR,CHIP 10 1/10W (1608)
R516	1-211-969-11	s RESISTOR,CHIP 10 1/10W (1608)
R517	1-211-969-11	s RESISTOR,CHIP 10 1/10W (1608)
R518	1-211-969-11	s RESISTOR,CHIP 10 1/10W (1608)
R519	1-211-969-11	s RESISTOR,CHIP 10 1/10W (1608)
R520	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R521	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R522	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R523	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R524	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R525	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R526	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R527	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R528	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R529	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)

(IF-777 BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP	Description
RB501	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB502	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB503	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB504	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB505	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB506	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB507	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB508	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB509	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB510	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB511	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB512	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB513	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB514	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB515	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB516	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB517	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB518	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB519	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB520	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB521	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB522	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB523	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB524	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB525	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB526	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB527	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB528	1-234-377-21	s	RES, NETWORK 4.7KX4 (1005)
RB529	1-234-377-21	s	RES, NETWORK 4.7KX4 (1005)
RB530	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB531	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB532	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB533	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB534	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB535	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB536	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB537	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB538	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB539	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB540	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB541	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
RB542	1-234-380-11	s	RESISTOR, NETWORK 47KX4 (1005)
S401	1-564-948-21	o	PIN, CONNECTOR 3P
S402	1-564-948-21	o	PIN, CONNECTOR 3P
S403	1-564-948-21	o	PIN, CONNECTOR 3P
S404	1-564-948-21	o	PIN, CONNECTOR 3P
S405	1-564-948-21	o	PIN, CONNECTOR 3P
S406	1-564-948-21	o	PIN, CONNECTOR 3P
S501	*1 1-762-994-11	s	SWITCH, ROTARY
S502	*1 1-692-271-31	s	SWITCH, SLIDE
S503	*1 1-692-271-31	s	SWITCH, SLIDE
S504	*1 1-570-610-11	s	SWITCH, TOGGLE
S801	*2 1-570-610-11	s	SWITCH, TOGGLE
S901	*2 1-692-271-31	s	SWITCH, SLIDE
S902	*2 1-762-994-11	s	SWITCH, ROTARY
S1003	*2 1-692-271-31	s	SWITCH, SLIDE
THP501	△ 1-533-817-21	s	THERMISTOR

(IF-777 BOARD [SUFFIX 21, 22-])

Ref. No. or Q'ty	Part No.	SP	Description
TP1	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP2	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP3	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP4	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP50	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP51	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP52	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP53	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP100	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP101	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP102	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP103	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP150	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP151	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP152	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP153	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP201	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP202	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP203	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP204	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP251	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP252	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP253	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP254	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP301	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP302	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP303	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP304	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP351	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP352	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP353	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP354	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP401	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP402	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP403	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP404	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP501	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X401	1-760-435-11	s	VIBRATOR, CRYSTAL

IF-777 BOARD [SUFFIX 11]

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8324-788-A	o MOUNTED CIRCUIT BOARD, IF-777
1pc	3-681-020-01	o PC SHIELD PLATE
1pc	3-681-070-01	o PC BOARD PANEL IF
2pcs	3-681-042-01	o LEVER, PC BOARD(1)
2pcs	3-681-045-01	o LEVER, PC BOARD(2)
4pcs	7-626-320-11	s SPRING PIN,3X8 (STEEL)
9pcs	7-682-947-01	s SCREW +PSW 3X6
6pcs	1-562-579-21	s RECEPTACLE,CONNECTOR 2P
C3	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C4	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C5	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C6	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C7	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C8	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C9	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C10	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C11	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C12	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C13	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C14	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C15	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C16	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C103	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C104	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C105	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C106	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C107	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C108	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C109	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C110	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C111	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C112	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C113	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C114	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C115	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C116	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C203	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C204	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C205	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C206	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C207	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C208	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C209	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C210	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C211	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C212	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C213	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C214	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C215	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C216	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C303	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C304	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C305	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C306	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
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	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C310	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V

(IF-777 BOARD [SUFFIX 11])

Ref. No. or Q'ty	Part No.	SP Description
C311	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C312	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C313	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C314	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C315	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C316	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C403	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C404	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C405	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C406	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C407	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C408	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C409	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C410	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C411	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C412	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C413	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C414	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C415	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C416	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C503	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C504	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C505	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C506	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C507	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C508	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C509	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C510	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C511	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C512	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C513	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C514	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C515	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C516	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C603	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C604	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C605	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C606	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C607	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C608	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C609	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C703	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C704	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C705	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C706	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C707	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C708	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C709	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C801	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C802	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C803	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C804	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C805	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C806	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C807	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C808	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C809	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C810	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C811	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V

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Ref. No. or Q'ty	Part No.	SP	Description
C812	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C813	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C814	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C815	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C816	1-163-231-11	s	CAPACITOR,CHIP CERAMIC15PF/50V
C817	1-163-231-11	s	CAPACITOR,CHIP CERAMIC15PF/50V
C818	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C819	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C1001	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1002	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1003	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1004	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1005	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C1006	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1007	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1008	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1009	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1010	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1011	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1012	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1013	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1014	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1015	1-128-396-11	s	CAPACITOR,ELECT 470MF/10V CHIP
C1016	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C1017	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1018	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C1019	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
CN1001	1-774-668-11	o	CONNECTOR, BOARD TO BOARD 96P
CN1003	1-774-668-11	o	CONNECTOR, BOARD TO BOARD 96P
COR805	1-564-948-21	o	PIN,CONNECTOR 3P
D1	8-719-067-38	s	DIODE SFPB-74VL
D2	8-719-210-33	s	DIODE EC10DS2 (RECTI)
D3	8-719-801-78	s	DIODE 1SS184
D4	8-719-974-41	s	LED HLMP-6500-010
D101	8-719-067-38	s	DIODE SFPB-74VL
D102	8-719-210-33	s	DIODE EC10DS2 (RECTI)
D201	8-719-067-38	s	DIODE SFPB-74VL
D202	8-719-210-33	s	DIODE EC10DS2 (RECTI)
D203	8-719-801-78	s	DIODE 1SS184
D301	8-719-067-38	s	DIODE SFPB-74VL
D302	8-719-210-33	s	DIODE EC10DS2 (RECTI)
D401	8-719-067-38	s	DIODE SFPB-74VL
D402	8-719-210-33	s	DIODE EC10DS2 (RECTI)
D403	8-719-801-78	s	DIODE 1SS184
D501	8-719-067-38	s	DIODE SFPB-74VL
D502	8-719-210-33	s	DIODE EC10DS2 (RECTI)
D801	8-719-974-41	s	LED HLMP-6500-010
IC1	8-759-092-81	s	IC SN75158PS
IC2	8-759-011-65	s	IC MC74HC4053F
IC3	8-759-011-65	s	IC MC74HC4053F
IC4	8-759-231-53	s	IC TA7805S
IC5	8-759-594-17	o	IC CXD9093R
IC6	8-759-447-94	s	IC NJU7201U32
IC101	8-759-092-81	s	IC SN75158PS
IC102	8-759-011-65	s	IC MC74HC4053F
IC103	8-759-011-65	s	IC MC74HC4053F
IC104	8-759-231-53	s	IC TA7805S

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Ref. No. or Q'ty	Part No.	SP	Description
IC105	8-759-594-17	o	IC CXD9093R
IC106	8-759-447-94	s	IC NJU7201U32
IC201	8-759-092-81	s	IC SN75158PS
IC202	8-759-011-65	s	IC MC74HC4053F
IC203	8-759-011-65	s	IC MC74HC4053F
IC204	8-759-231-53	s	IC TA7805S
IC205	8-759-594-17	o	IC CXD9093R
IC206	8-759-447-94	s	IC NJU7201U32
IC301	8-759-092-81	s	IC SN75158PS
IC302	8-759-011-65	s	IC MC74HC4053F
IC303	8-759-011-65	s	IC MC74HC4053F
IC304	8-759-231-53	s	IC TA7805S
IC305	8-759-594-17	o	IC CXD9093R
IC306	8-759-447-94	s	IC NJU7201U32
IC401	8-759-092-81	s	IC SN75158PS
IC402	8-759-011-65	s	IC MC74HC4053F
IC403	8-759-011-65	s	IC MC74HC4053F
IC404	8-759-231-53	s	IC TA7805S
IC405	8-759-594-17	o	IC CXD9093R
IC406	8-759-447-94	s	IC NJU7201U32
IC501	8-759-092-81	s	IC SN75158PS
IC502	8-759-011-65	s	IC MC74HC4053F
IC503	8-759-011-65	s	IC MC74HC4053F
IC504	8-759-231-53	s	IC TA7805S
IC505	8-759-594-17	o	IC CXD9093R
IC506	8-759-447-94	s	IC NJU7201U32
IC601	8-759-092-81	s	IC SN75158PS
IC602	8-759-594-17	o	IC CXD9093R
IC606	8-759-447-94	s	IC NJU7201U32
IC701	8-759-092-81	s	IC SN75158PS
IC702	8-759-594-17	o	IC CXD9093R
IC706	8-759-447-94	s	IC NJU7201U32
IC801	8-759-054-56	s	IC SN75179BPS
IC802	8-759-521-07	s	IC MAX238CWG
IC803	8-759-521-07	s	IC MAX238CWG
IC804	8-759-594-17	o	IC CXD9093R
IC805	8-759-447-94	s	IC NJU7201U32
IC806	8-759-269-92	s	IC SN74HC04ANS (E20)
IC1001	8-759-148-14	s	IC UPD71055GB-3B4
IC1002	8-759-148-14	s	IC UPD71055GB-3B4
IC1003	8-759-148-14	s	IC UPD71055GB-3B4
IC1004	8-759-148-14	s	IC UPD71055GB-3B4
IC1005	8-759-926-11	s	IC SN74HC138ANS
IC1006	8-759-657-67	o	IC 22V 10D-CNUIF1006-V1.00
IC1007	8-759-926-11	s	IC SN74HC138ANS
IC1008	8-759-926-11	s	IC SN74HC138ANS
IC1009	8-759-926-77	s	IC SN74HC541ANS
IC1010	8-759-926-77	s	IC SN74HC541ANS
IC1011	8-759-035-87	s	IC SC7S00F
IC1012	8-759-926-49	s	IC SN74HC245ANS
IC1013	8-759-925-78	s	IC SN74HC10ANS
L1	1-412-032-11	s	INDUCTOR CHIP 100UH (3225)
L2	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L101	1-412-032-11	s	INDUCTOR CHIP 100UH (3225)
L102	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L201	1-412-032-11	s	INDUCTOR CHIP 100UH (3225)
L202	1-412-029-11	s	CHIP INDUCTOR 10UH (3225)
L301	1-412-032-11	s	INDUCTOR CHIP 100UH (3225)

(IF-777 BOARD [SUFFIX 11])

Ref. No. or Q'ty	Part No.	SP Description
L302	1-412-029-11	s CHIP INDUCTOR 10UH (3225)
L401	1-412-032-11	s INDUCTOR CHIP 100UH (3225)
L402	1-412-029-11	s CHIP INDUCTOR 10UH (3225)
L501	1-412-032-11	s INDUCTOR CHIP 100UH (3225)
L502	1-412-029-11	s CHIP INDUCTOR 10UH (3225)
L601	1-412-032-11	s INDUCTOR CHIP 100UH (3225)
L603	1-412-029-11	s CHIP INDUCTOR 10UH (3225)
L701	1-412-032-11	s INDUCTOR CHIP 100UH (3225)
L703	1-412-029-11	s CHIP INDUCTOR 10UH (3225)
L801	1-412-032-11	s INDUCTOR CHIP 100UH (3225)
L803	1-412-029-11	s CHIP INDUCTOR 10UH (3225)
L804	1-412-029-11	s CHIP INDUCTOR 10UH (3225)
L1001	1-412-029-11	s CHIP INDUCTOR 10UH (3225)
L1002	1-414-529-21	s INDUCTOR (POWER)
L1003	1-412-006-31	s CHIP INDUCTOR 10UH (2012)
L1004	1-412-006-31	s CHIP INDUCTOR 10UH (2012)
PH1	8-749-014-35	s IC HCPL-0630-500
PH2	8-749-014-35	s IC HCPL-0630-500
PH101	8-749-014-35	s IC HCPL-0630-500
PH102	8-749-014-35	s IC HCPL-0630-500
PH201	8-749-014-35	s IC HCPL-0630-500
PH202	8-749-014-35	s IC HCPL-0630-500
PH301	8-749-014-35	s IC HCPL-0630-500
PH302	8-749-014-35	s IC HCPL-0630-500
PH401	8-749-014-35	s IC HCPL-0630-500
PH402	8-749-014-35	s IC HCPL-0630-500
PH501	8-749-014-35	s IC HCPL-0630-500
PH502	8-749-014-35	s IC HCPL-0630-500
PH601	8-749-014-35	s IC HCPL-0630-500
PH602	8-749-014-35	s IC HCPL-0630-500
PH701	8-749-014-35	s IC HCPL-0630-500
PH702	8-749-014-35	s IC HCPL-0630-500
R1	1-216-029-00	s RESISTOR,CHIP 150 1/10W(2012)
R2	1-216-029-00	s RESISTOR,CHIP 150 1/10W(2012)
R3	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R4	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R5	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R6	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R7	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R8	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R9	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R10	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R11	1-216-089-91	s RESISTOR, CHIP 47K
R12	1-216-089-91	s RESISTOR, CHIP 47K
R13	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R14	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R15	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R16	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R17	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R18	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R19	1-216-089-91	s RESISTOR, CHIP 47K
R20	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R21	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R22	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R23	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R24	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R25	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP Description
R101	1-216-029-00	s RESISTOR,CHIP 150 1/10W(2012)
R102	1-216-029-00	s RESISTOR,CHIP 150 1/10W(2012)
R103	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R104	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R105	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R106	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R107	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R108	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R109	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R110	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R111	1-216-089-91	s RESISTOR, CHIP 47K
R112	1-216-089-91	s RESISTOR, CHIP 47K
R113	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R114	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R115	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R116	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R117	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R118	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R119	1-216-089-91	s RESISTOR, CHIP 47K
R120	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R121	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R122	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R123	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R124	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R125	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R201	1-216-029-00	s RESISTOR,CHIP 150 1/10W(2012)
R202	1-216-029-00	s RESISTOR,CHIP 150 1/10W(2012)
R203	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R204	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R205	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R206	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R207	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R208	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R209	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R210	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R211	1-216-089-91	s RESISTOR, CHIP 47K
R212	1-216-089-91	s RESISTOR, CHIP 47K
R213	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R214	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R215	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R216	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R217	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R218	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R219	1-216-089-91	s RESISTOR, CHIP 47K
R220	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R221	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R222	1-218-634-11	s RESISTOR CHIP 470/1W (6332)
R223	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R224	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R225	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R301	1-216-029-00	s RESISTOR,CHIP 150 1/10W(2012)
R302	1-216-029-00	s RESISTOR,CHIP 150 1/10W(2012)
R303	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R304	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R305	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R306	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R307	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R308	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R309	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)

(IF-777 BOARD [SUFFIX 11])

Ref. No. or Q'ty	Part No.	SP	Description
R519	1-216-089-91	s	RESISTOR, CHIP 47K
R520	1-218-634-11	s	RESISTOR CHIP 470/1W (6332)
R521	1-218-634-11	s	RESISTOR CHIP 470/1W (6332)
R522	1-218-634-11	s	RESISTOR CHIP 470/1W (6332)
R523	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R524	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R525	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R601	1-216-029-00	s	RESISTOR,CHIP 150 1/10W(2012)
R602	1-216-029-00	s	RESISTOR,CHIP 150 1/10W(2012)
R603	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R604	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R605	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R606	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R607	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R608	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R609	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R610	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R611	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R612	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R613	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R701	1-216-029-00	s	RESISTOR,CHIP 150 1/10W(2012)
R702	1-216-029-00	s	RESISTOR,CHIP 150 1/10W(2012)
R703	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R704	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R705	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R706	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R707	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R708	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R709	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R710	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R711	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R712	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R713	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R801	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R802	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R803	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R804	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R805	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2012)
R806	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R807	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R808	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R809	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R810	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R811	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R812	1-216-121-91	s	RESISTOR CHIP 1M 1/10W(2125)
R813	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R814	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R815	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R816	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R817	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R818	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R819	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1001	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R1002	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1003	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R1004	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R1005	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R1006	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R1007	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)

(IF-777 BOARD [SUFFIX 11])

Ref. No. or Q'ty	Part No.	SP Description
R1008	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1009	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1010	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1011	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1012	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1013	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1014	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1015	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1016	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1017	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1018	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1019	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1020	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1021	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1022	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1023	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1024	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1025	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1026	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1027	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1028	1-216-025-91 s	RESISTOR,CHIP 100 1/10W(2125)
R1029	1-216-057-00 s	RESISTOR CHIP 2.2K 1/10W(2012)
R1030	1-216-089-91 s	RESISTOR, CHIP 47K
R1031	1-216-089-91 s	RESISTOR, CHIP 47K
R1032	1-216-089-91 s	RESISTOR, CHIP 47K
R1033	1-216-089-91 s	RESISTOR, CHIP 47K
R1034	1-216-089-91 s	RESISTOR, CHIP 47K
R1035	1-216-089-91 s	RESISTOR, CHIP 47K
R1036	1-216-089-91 s	RESISTOR, CHIP 47K
R1037	1-216-081-00 s	RESISTOR,CHIP 22K 1/10W(2012)
R1038	1-216-073-00 s	RESISTOR,CHIP 10K 1/10W(2012)
R1039	1-216-073-00 s	RESISTOR,CHIP 10K 1/10W(2012)
R1040	1-216-089-91 s	RESISTOR, CHIP 47K
R1041	1-216-073-00 s	RESISTOR, CHIP 10K 1/10W(2012)
RB1001	1-239-306-11 s	RESISTOR ARRAY,CHIP 10K
RB1002	1-239-306-11 s	RESISTOR ARRAY,CHIP 10K
RB1003	1-239-306-11 s	RESISTOR ARRAY,CHIP 10K
RB1004	1-239-306-11 s	RESISTOR ARRAY,CHIP 10K
RB1005	1-239-306-11 s	RESISTOR ARRAY,CHIP 10K
RB1006	1-239-306-11 s	RESISTOR ARRAY,CHIP 10K
RB1008	1-239-308-11 s	RESISTOR ARRAY,CHIP 47K
RB1009	1-239-308-11 s	RESISTOR ARRAY,CHIP 47K
RB1010	1-239-308-11 s	RESISTOR ARRAY,CHIP 47K
RB1011	1-239-308-11 s	RESISTOR ARRAY,CHIP 47K
RB1012	1-239-308-11 s	RESISTOR ARRAY,CHIP 47K
RB1013	1-239-306-11 s	RESISTOR ARRAY,CHIP 10K
RB1014	1-239-303-11 s	RESISTOR ARRAY,CHIP 1K
RB1015	1-239-308-11 s	RESISTOR ARRAY,CHIP 47K
RB1016	1-239-308-11 s	RESISTOR ARRAY,CHIP 47K
RB1017	1-239-306-11 s	RESISTOR ARRAY,CHIP 10K
S801	1-570-610-11 s	SWITCH,TOGGLE
S802	1-564-948-21 o	PIN,CONNECTOR 3P
S803	1-564-948-21 o	PIN,CONNECTOR 3P
S804	1-564-948-21 o	PIN,CONNECTOR 3P
S805	1-564-948-21 o	PIN,CONNECTOR 3P
S806	1-564-948-21 o	PIN,CONNECTOR 3P
S901	1-692-271-31 s	SWITCH, SLIDE
S902	1-762-994-11 s	SWITCH, ROTARY

(IF-777 BOARD [SUFFIX 11])

Ref. No. or Q'ty	Part No.	SP Description
S1003	1-692-271-31 s	SWITCH, SLIDE
THP1	△ 1-533-817-21 s	THERMISTOR
X1	1-760-435-11 s	VIBRATOR, CRYSTAL

LED-223 BOARD [SUFFIX 21]		

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8314-149-A o	MOUNTED CIRCUIT BOARD, LED-223
CN41	1-564-505-11 s	PLUG,CONNECTOR (2P)
D20	8-719-060-68 s	LED SLR-332MG3F

LED-223 BOARD [SUFFIX 13,14]		

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8314-149-A o	MOUNTED CIRCUIT BOARD, LED-223
CN41	1-564-505-11 o	PLUG,CONNECTOR (2P)
D20	1-809-488-11 s	DIODE LD-101MG

MB-562 BOARD		

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8314-150-A o	MOUNTED CIRCUIT BOARD, MB-562
2pcs	3-681-056-03 o	BOARD GUIDE
1pc	3-681-069-03 o	BOARD GUIDE 2
CN12	1-580-544-11 s	PIN, CONNECTOR (PC BOARD) 30P
CN13	1-580-535-11 o	PIN, CONNECTOR (PC BOARD) 12P
CN14	1-580-535-11 o	PIN, CONNECTOR (PC BOARD) 12P
CN15	1-566-444-11 o	PIN,D-SUB CONNECTOR 50P

 FRAME(FOR CNU-700)

*a: Serial No. 38001-38010(J),
 18001-18030(UC),48001-48015(CE)
 *b: Serial No. 38011-38072(J),
 18031-18206(UC),48016-48207(CE)

Ref. No.	or Q'ty	Part No.	SP Description
1pc	△	1-413-917-12	s SWITCHING REG. (TDK FAW05-10R)
		(△ 1-532-827-11	s FUSE 3A/250V)
1pc	*b	△ 1-468-496-11	s SWITCHING REG. (TDK FGW28-3R6)
		*a △ 1-413-982-12	s SWITCHING REG. (TDK FAW28-3R5)
		(△ 1-576-230-11	s FUSE 3.15A/250V)
F101	△	1-532-747-11	s FUSE, GLASS 5A/125V (20MM) (for J,UC)
		△ 1-576-231-11	s FUSE (H.B.C.) (for CE)

HN001 △ 1-953-648-11 o HARNESS, SUB (RCP-POWER1)
 (TO CN32/CN-1002 BOARD)
 1pc △ 1-562-211-11 o HOUSING, CONNECTOR 3P
 2pcs △ 1-535-321-11 s TERMINAL, SOLDERLESS
 2pcs △ 1-562-210-11 s CONTACT, CONNECTOR
 (TO CN36/CN-1002 BOARD)
 1pc △ 1-562-352-11 o HOUSING, CONNECTOR 2P
 2pcs △ 1-535-321-11 s TERMINAL, SOLDERLESS
 2pcs △ 1-562-210-11 s CONTACT, CONNECTOR

HN002 △ 1-953-649-12 o HARNESS, SUB (5V POWER)
 (TO CN33/CN-1002 BOARD)
 1pc △ 1-562-211-11 o HOUSING, CONNECTOR 3P
 2pcs △ 1-562-210-11 s CONTACT, CONNECTOR
 (TO CN37/CN-1002 BOARD)
 1pc △ 1-562-285-11 o HOUSING, CONNECTOR 4P
 4pcs △ 1-562-210-11 s CONTACT, CONNECTOR

HN003 1-953-650-12 o HARNESS, SUB (LED)
 (TO CN38/CN-1002 BOARD)
 1pc 1-580-578-11 s HOUSING, CONNECTOR 4P
 2pcs 1-580-599-11 o TERMINAL, SOLDERLESS
 (TO CN41/LED-223 BOARD)
 1pc 1-580-578-11 s HOUSING, CONNECTOR 4P
 2pcs 1-580-599-11 o TERMINAL, SOLDERLESS

HN004 1-953-651-12 o HARNESS (MAIN POWER)
 (TO CN40/CN-1002 BOARD)
 CN102 1-563-819-11 s SOCKET, D-SUB CONNECTOR 50P
 1pc 1-563-127-11 o CONNECTOR, PS 26P
 26pcs 1-563-115-11 o CONNECTOR, PS

HN005 △ 1-953-655-11 o HARNESS (AC SW)
 (TO CN31/CN-1002 BOARD)
 S101 △ 1-570-117-41 s SWITCH, SEESAW (AC POWER)
 1pc △ 1-533-191-12 s HOLDER, FUSE
 1pc △ 1-562-286-11 o HOUSING, CONNECTOR 5P
 4pcs △ 1-562-210-11 s CONTACT,CONNECTOR

HN006 △ 1-953-654-11 o HARNESS (AC IN)
 (including CN101)
 (TO CN30/CN-1002 BOARD)
 1pc △ 1-251-148-21 s INLET, AC(3P)
 1pc 1-537-568-11 o TERMINAL, GROUND
 1pc △ 1-562-211-11 o HOUSING, CONNECTOR 3P
 2pcs △ 1-562-210-11 s CONTACT, CONNECTOR

HN008 --- HARNESS (RS232C)
 (TO CN12/MB-562 BOARD)
 1pc 1-580-591-11 o HOUSING, CONNECTOR 30P
 30pcs 1-580-599-11 o TERMINAL, SOLDERLESS
 (TO CN15/CN-1001 BOARD)
 1pc 1-580-591-11 o HOUSING, CONNECTOR 30P
 30pcs 1-580-599-11 o TERMINAL, SOLDERLESS

(FRAME(FOR CNU-700))

Ref. No.	or Q'ty	Part No.	SP Description
HN009	---		HARNESS (VIDEO)
		(TO CN13/MB-562 BOARD)	
	1pc	1-580-582-11	o HOUSING, CONNECTOR 12P
	6pcs	1-580-599-11	o TERMINAL, SOLDERLESS
		(TO CN19/CN-1001 BOARD)	
	1pc	1-580-582-11	o HOUSING, CONNECTOR 12P
	6pcs	1-580-599-11	o TERMINAL, SOLDERLESS
HN010	*b	1-960-850-11	o HARNESS (FAN)
M101	*b	1-698-840-11	s MOTOR, DC FAN
	*a	1-698-131-21	s MOTOR, DC FAN

 FRAME(FOR BKP-7930)

Ref. No.	or Q'ty	Part No.	SP Description
1pc	△	1-468-496-11	s SWITCHING REG. (TDK FGW28-3R6)
		(△ 1-576-230-11	s FUSE 3.15A/250V)

HN007 △ 1-953-706-11 s HARNESS, SUB (RCP-POWER2)
 (TO CN34/CN-1002 BOARD)
 1pc △ 1-562-211-11 o HOUSING, CONNECTOR 3P
 2pcs △ 1-535-321-11 s TERMINAL, SOLDERLESS
 2pcs △ 1-562-210-11 s CONTACT, CONNECTOR
 (TO CN35/CN-1002 BOARD)
 1pc △ 1-562-352-11 o HOUSING, CONNECTOR 2P
 2pcs △ 1-535-321-11 s TERMINAL, SOLDERLESS
 2pcs △ 1-562-210-11 s CONTACT, CONNECTOR

 SUPPLIED ACCESSORIES (FOR CNU-700)

Ref. No.	or Q'ty	Part No.	SP Description
1pc	△	1-532-747-11	s FUSE,GLASS 5A/125V (20MM) (for J,UC,SY)
1pc	△	1-551-812-11	s CORD,POWER (for UC)
1pc	△	1-576-231-11	s FUSE (H.B.C) (for CE)
1pc	△	1-782-929-11	s CORD,POWER (BS 3P) (for CE)
1pc	△	1-791-041-11	s CORD SET, POWER (3P) (for J)
1pc		1-793-461-11	o PLUG, CONVERSION (3P-2P) (for J)
1pc		2-990-242-01	s HOLDER (B), PLUG (for UC,SY)
1pc		3-613-640-01	o HOLDER (C), PLUG (for CE,J)

 SUPPLIED ACCESSORIES (FOR BKP-7930)

Ref. No.	or Q'ty	Part No.	SP Description
4pcs		7-682-947-01	s SCREW +PSW 3X6

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。

DIODE	Page or ID No.
1S2837-T1	DC001-03
1SS123-T1	DC001-01
1SS184	DC001-03
1SS226	DC001-01
EA30QS04-F	DC002-04
EA30QS04-TE16F2	DC002-04
EC10DS2	DC007-01
EC10DS2-TE12L5	DC007-01
EC10QS-04	DC007-01
EC10QS04-TE12L5	DC007-01
HSM88AS-TL	DC001-01
RD3.6M-B1	DC001-04
RD3.6M-T1B	DC001-04
RD4.7M-B	DC001-04
RD4.7M-T1B	DC001-04
SFPB-74VL	DC007-01

LED	Page or ID No.
HLMP-6500-010	LR055-01
LD-101MG	4-3

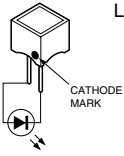
TRANSISTOR	Page or ID No.
2SA1162G	TC001-01
2SA812-T1M6	TC001-01
2SC1623-L5L6	TC001-02
2SC1623-T1-L5L6	TC001-02
DTA144EKA-T146	TC001-04

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

IC	Page or ID No.
AM29F800BB-70SC	4-3
CXD9093R	4-4
EPM7128STC100-15	EPM7128STC100-7
GAL22V10D-25LP	GAL22V10-25L
HA9P5020-5	EL2020CN
HA9P5020-5/E2	EL2020CN
HN58C257AT-10	HN58C257T
HN58C257AT10	HN58C257T
IDT79R3041-20J	IDT79R3041-16J
KM6164002AJ-15T	4-4
LC324260AJ-60-MPB	UPD424260LE-70
LM1881M	LM1881N
LM7805CT	NJM78M05FA
M27C4002-10F1(F)	M27C4002-12F1
M27C4002-10F1(F8)	M27C4002-12F1
MAX238CWG	MAX238CNG
MAX238CWG-TE2	MAX238CNG
MC14046BF	CD4046BE
MC14046BFEL	CD4046BE
MC34063AM	MC34063M
MC34063AML	MC34063M
MC74HC4053F	MC74HC4053F
NJU7201U32	NJU7201U50
NJU7201U32-TE1	NJU7201U50
SC7S00F	TC7S00F
SC7S02F	TC4S01F
SC7S32F	TC7S32F
SN74HC125ANS	MC74HC125N
SN74HC125ANSR	MC74HC125N
SN74HC138ANS	TC74HC138P
SN74HC138ANSR	TC74HC138P
SN74HC244ANS	TC74HC244P
SN74HC244ANSR	TC74HC244P
SN74HC245ANS	TC74HC245P
SN74HC245ANSR	TC74HC245P
SN74HC32ANS	TC74HC32P
SN74HC32ANSR	TC74HC32P
SN74HC4040ANS	MC74HC4040N
SN74HC4040ANSR	MC74HC4040N
SN74HC541ANS	MC74HC541N
SN74HC541ANSR	MC74HC541N
SN74HC573BNS	TC74HC573F
SN74HC573BNSR	TC74HC573F
SN74HCU04ANS-E20	TC74HC04P
SN74HCU04ANSR	TC74HC04P
SN75158PS	SN75158P
SN75158PSR	SN75158P
SN75179BPS	SN75179BP
SN75179BPS-E05	SN75179BP

IC	Page or ID No.
TA7805S	NJM78M05FA
TC4W53F	TC4W53FU
TC4W53F(TE12R)	TC4W53FU
TC74HC4053AF(EL)	MC74HC4053F
TC74HC4538AF	MC74HC4538N
TC74HC4538AF(EL)	MC74HC4538N
TC7S00F(TE85R)	TC7S00F
TC7S02F(TE85R)	TC4S01F
TC7S32F(TE85R)	TC7S32F
TC7W02F	TC7W02F
TC7W02F(TE12R)	TC7W02F
TC7WU04F(TE12R)	TC7W04F
TC7WU04F-TE12R	TC7W04F
TC7WU04FU(TE12R)	TC7W04F
TL062CPS	RC4558
TL062CPSR	RC4558
TL7705CPS-B	TL7705CP
TL7705CPS-B-E20	TL7705CP
UPD71051GB-3B4	UPD71051G
UPD71055GB-3B4	UPD71055G
YGV606B-F	YGV606-F

LED

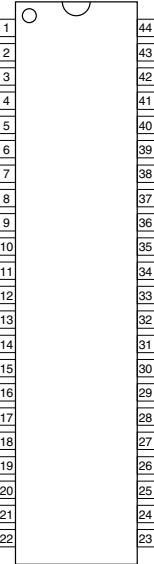


LD-101MG

IC

AM29F800BB-70SC (AMD)

8M (1M × 8/512K × 16)-BIT BOOT SECTOR FLASH MEMORY
—TOP VIEW—

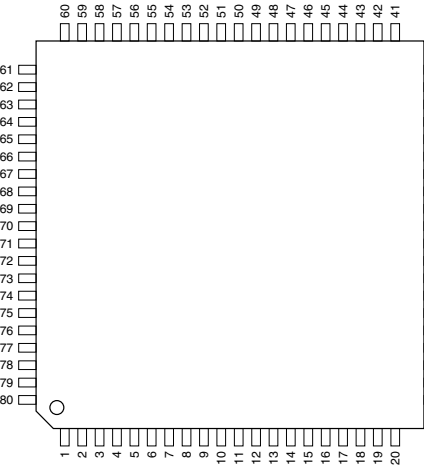


- INPUTS**
A0 - A18 : ADDRESS
A-1 : ADDRESS (BYTE MODE)
BYTE : SELECT 8-BIT OR 16-BIT MODE
CE : CHIP ENABLE
OE : OUTPUT ENABLE
RESET : HARDWARE RESET
WE : WRITE ENABLE
- OUTPUT**
RY/BY : READY/BUSY
- INPUTS/OUTPUTS**
DQ0 - DQ14 : DATA
DQ15 : DATA (WORD MODE)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	RY/BY	12	I	CE	23	—	V _{CC}	34	I	A16
2	I	A18	13	—	GND	24	I/O	DQ4	35	I	A15
3	I	A17	14	I	OE	25	I/O	DQ12	36	I	A14
4	I	A7	15	I/O	DQ0	26	I/O	DQ5	37	I	A13
5	I	A6	16	I/O	DQ8	27	I/O	DQ13	38	I	A12
6	I	A5	17	I/O	DQ1	28	I/O	DQ6	39	I	A11
7	I	A4	18	I/O	DQ9	29	I/O	DQ14	40	I	A10
8	I	A3	19	I/O	DQ2	30	I/O	DQ7	41	I	A9
9	I	A2	20	I/O	DQ10	31	I/O	DQ15/A-1	42	I	A8
10	I	A1	21	I/O	DQ3	32	—	GND	43	I	WE
11	I	A0	22	I/O	DQ11	33	I	BYTE	44	I	RESET

CXD9093R (SONY)

SERIAL I/O
—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	GND	21	—	Vcc	41	—	GND	61	—	Vcc
2	I/O	D0	22	O	TOUT0	42	O	BREAKA	62	O	BREAKB
3	I/O	D1	23	O	TOUT1	43	O	CABLEA	63	O	CABLEB
4	I/O	D2	24	O	TOUT2	44	O	PACKETA	64	O	PACKETB
5	I/O	D3	25	O	TOUT3	45	I	TDI	65	O	INTA
6	—	GND	26	I	TEB	46	I	TMS	66	O	INTB
7	I/O	D4	27	I	TIN	47	I	TCK	67	I	TRST
8	I/O	D5	28	O	BTVDA	48	O	BTVDB	68	O	TDO
9	I/O	D6	29	O	TVDA	49	O	TVDB	69	I	RESET
10	I/O	D7	30	O	NTVDA	50	O	NTVDB	70	I	RESET
11	—	GND	31	—	GND	51	—	GND	71	—	GND
12	—	Vcc	32	—	Vcc	52	—	Vcc	72	—	Vcc
13	I	WR	33	I	RVDA	53	I	RVDB	73	I	CSA
14	—	NC	34	I	RVDA	54	I	RVDB	74	I	CSB
15	I	RD	35	I	CTSA	55	I	CTSB	75	—	GND
16	I	TEST	36	O	RTSA	56	O	RTSB	76	I	A0
17	O	WAIT	37	O	BRVDA	57	O	BRVDB	77	I	A1
18	—	GND	38	O	TCLKA	58	O	TCLKB	78	I	A2
19	I	CLK	39	O	BCLKA	59	O	BCLKB	79	I	A3
20	—	GND	40	—	Vcc	60	—	GND	80	—	Vcc

INPUTS

A0 - A3 : ADDRESS BUS
CLK : MAIN CLOCK
CSA, CSB : A/B-CH CS
CTSA, CTSB : A/B-CH CTS
RD : READ
RESET, RESET : RESET
RVDA, RVDB : A/B-CH SERIAL DATA
RVDA, RVDB : A/B-CH NEGATIVE SERIAL DATA
TCK, TDI, TMS, TRST : FOR BOUNDARY SCAN
WR : WRITE

OUTPUTS

BCLKA, BCLKB : A/B-CH BCLK
BREAKA, BREAKB : A/B-CH BREAK DETECT
BRVDA, BRVDB : A/B-CH BI-PHASE DEMODULATION DATA
BTVDA, BTVDB : A/B-CH BI-PHASE SERIAL DATA
CABLEA, CABLEB : A/B-CH CABLE DETECT
INTA, INTB : A/B-CH INTERRUPT
NTVDA, NTVDB : A/B-CH NORMAL SERIAL DATA
PACKETA, PACKETB : A/B-CH PACKET DETECT
RTSA, RTSB : A/B-CH RTS
TCLKA, TCLKB : A/B-CH TCLK
TDO : FOR BOUNDARY SCAN
TVDA, TVDB : A/B-CH SERIAL DATA
WAIT : WAIT

INPUTS/OUTPUTS

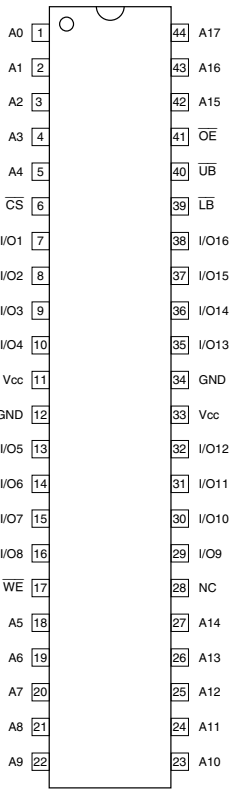
D0 - D7 : DATA BUS

OTHERS

NC : NO CONNECTION
TEB, TEST, TIN : TEST
TOUT0 - TOUT3 : TEST

KM6164002AJ-15T (SAMSUNG)

4M (262,144 × 16) -BIT SRAM
—TOP VIEW—



INPUTS
A0 - 17 : ADDRESS
WE : WRITE ENABLE
CS : CHIP SELECT
LB : LOWER-BYTE CONTROL
OE : OUTPUT ENABLE
UB : UPPER-BYTE CONTROL

INPUTS/OUTPUTS

I/O1 - 16 : DATA

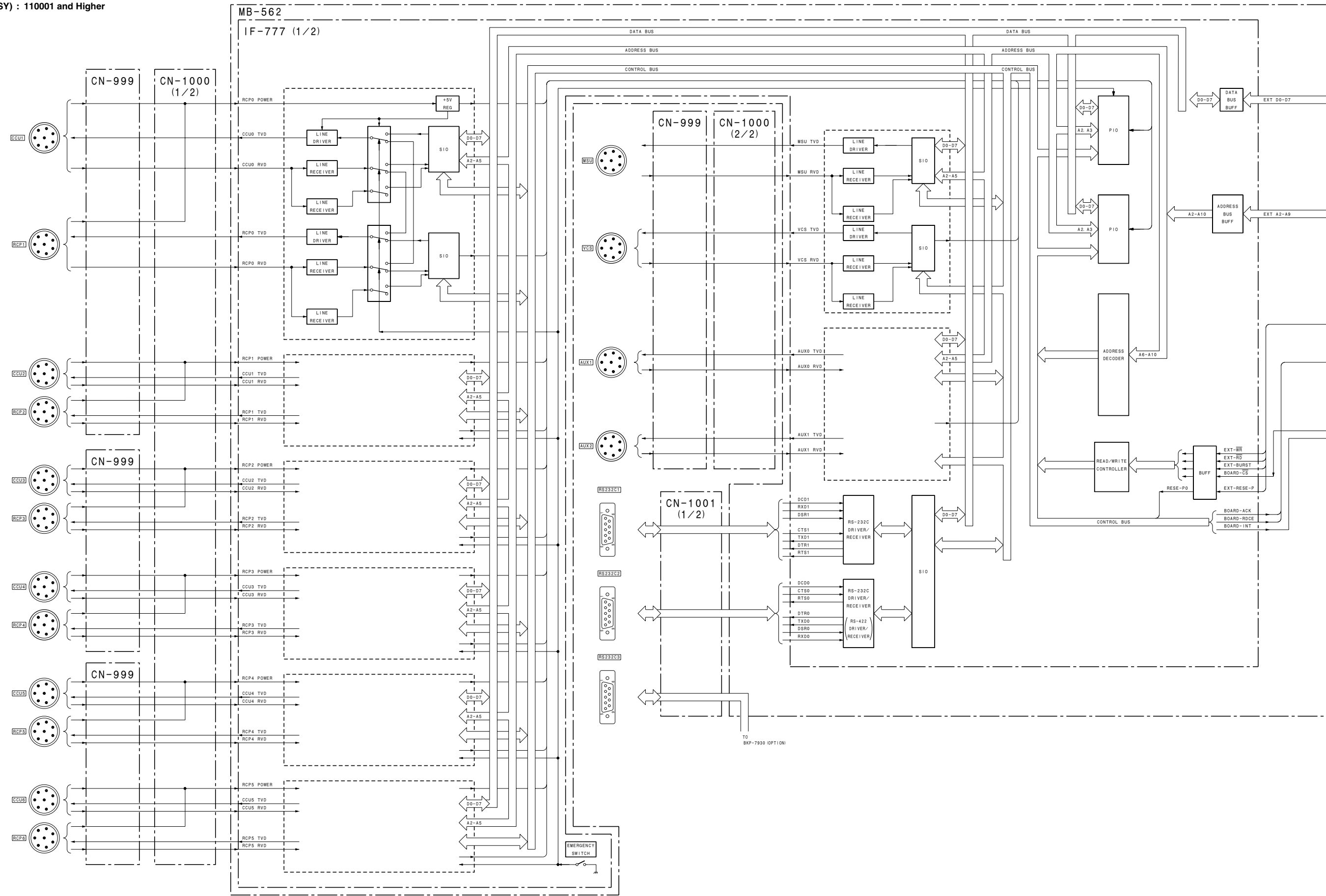
OTHER

NC : NO CONNECTION

Section 5

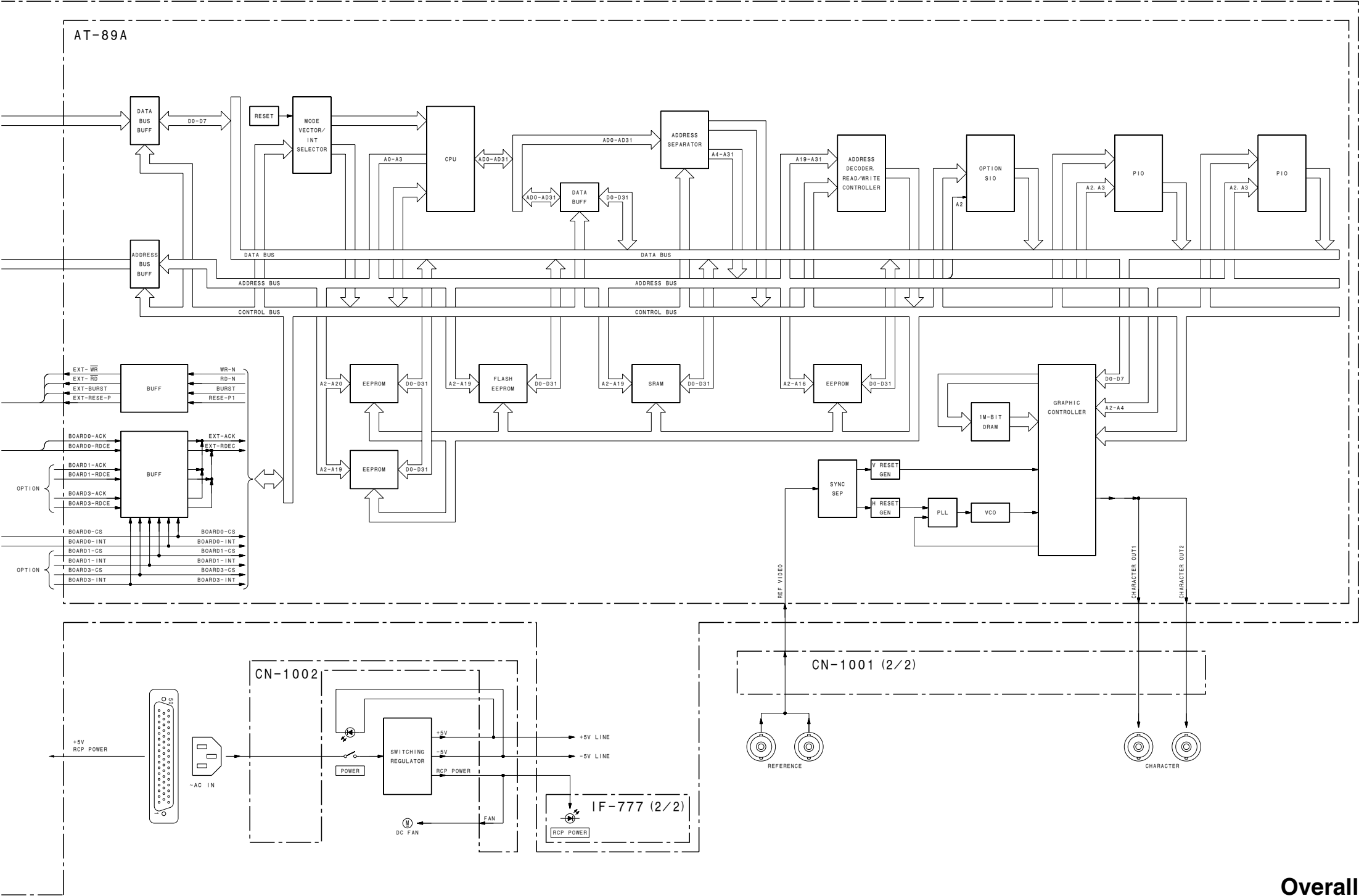
Block Diagrams

CNU-700 (SY) : 110001 and Higher



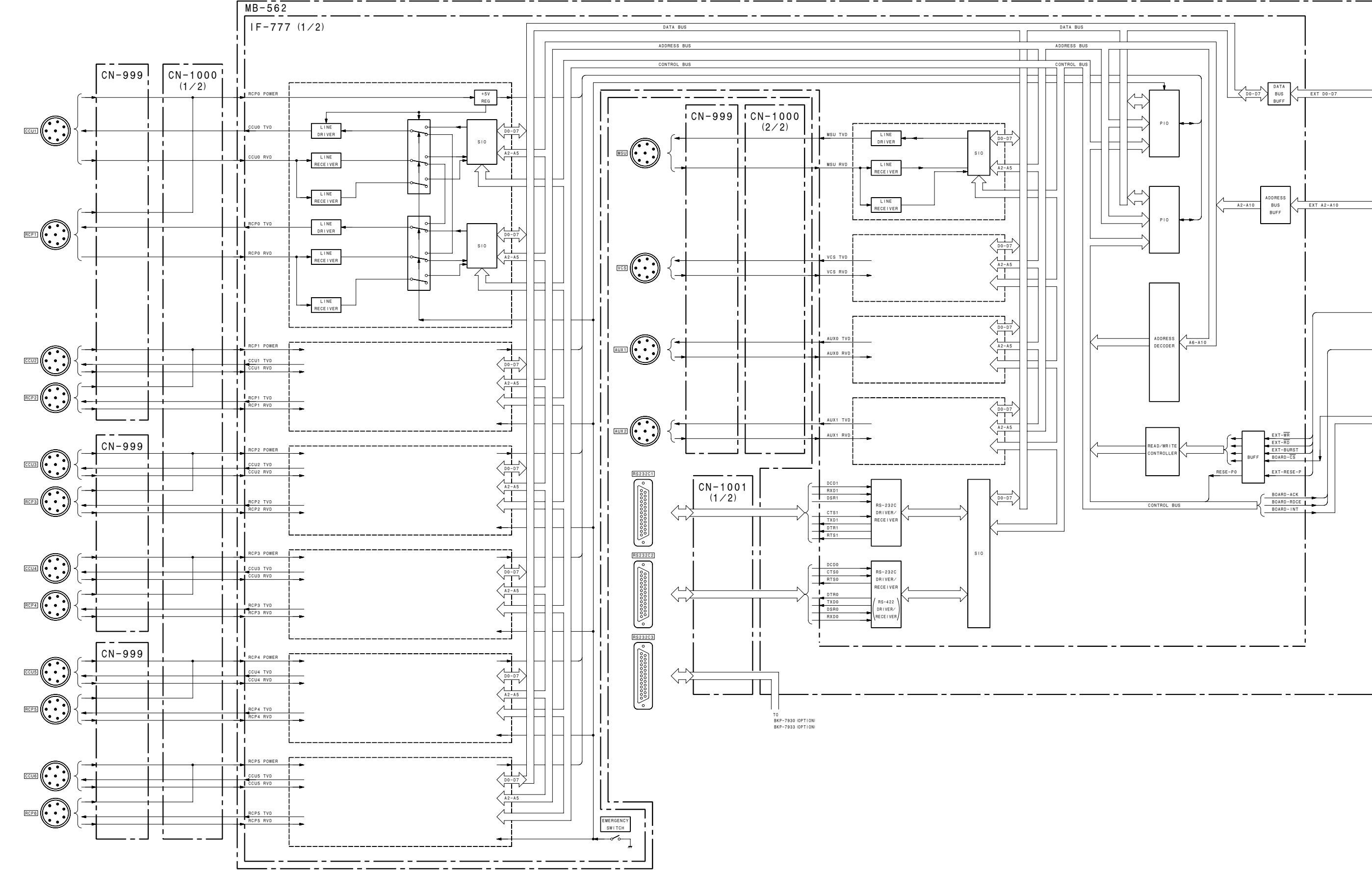
5-2 (b)

5-2 (b)



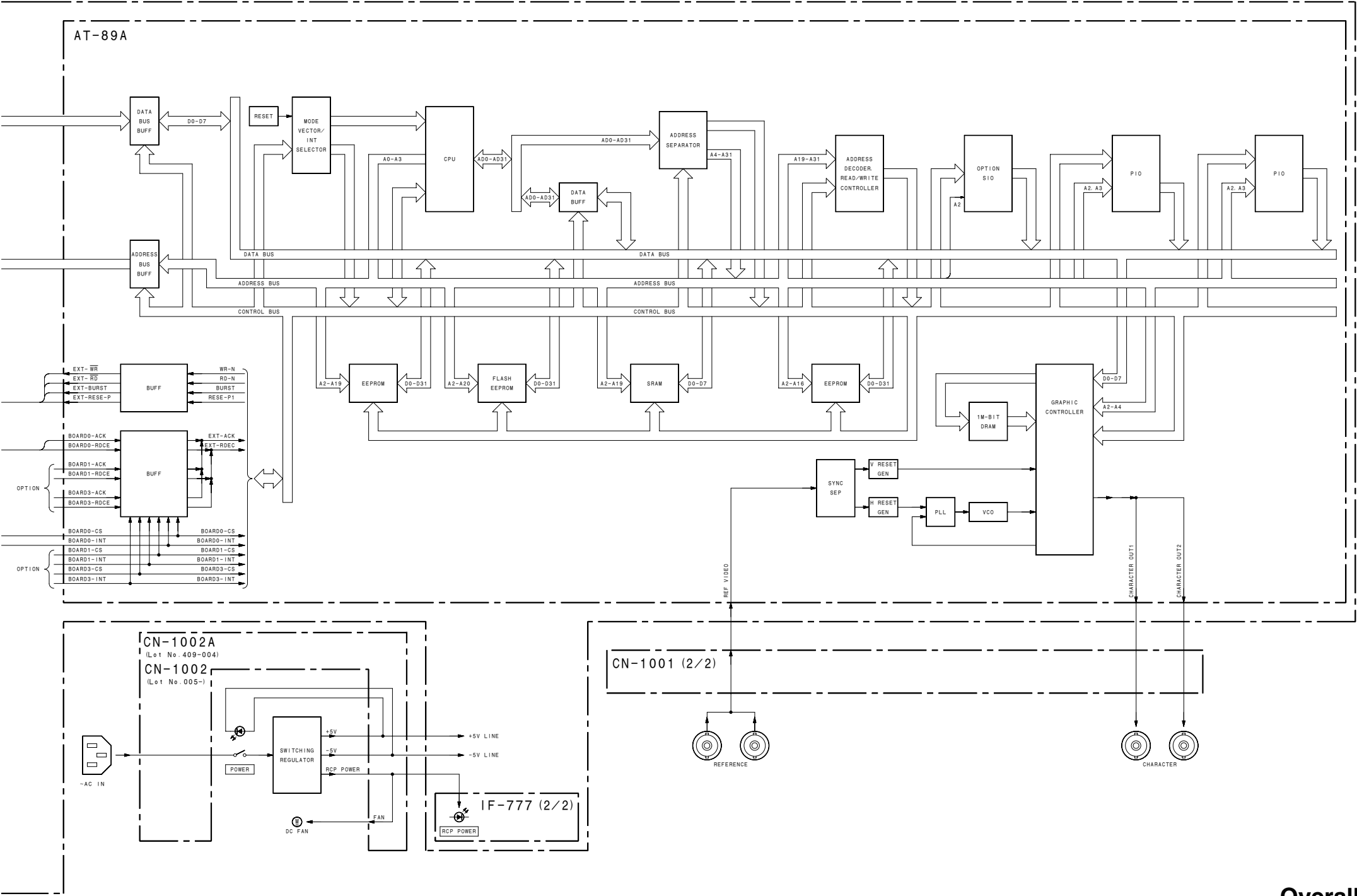
Overall

CNU-700 (UC) : 18001 through 18206
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207



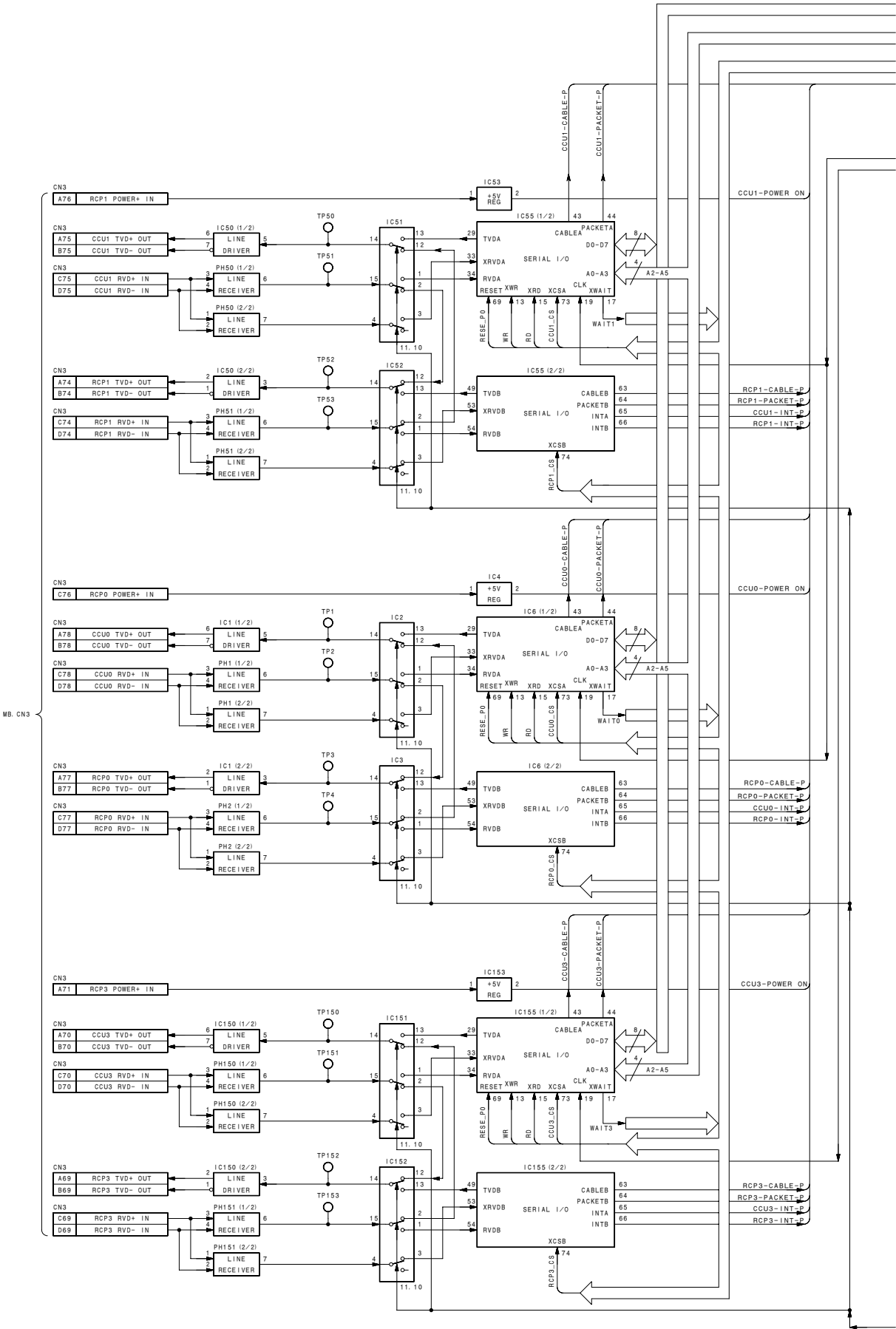
5-2 (a)

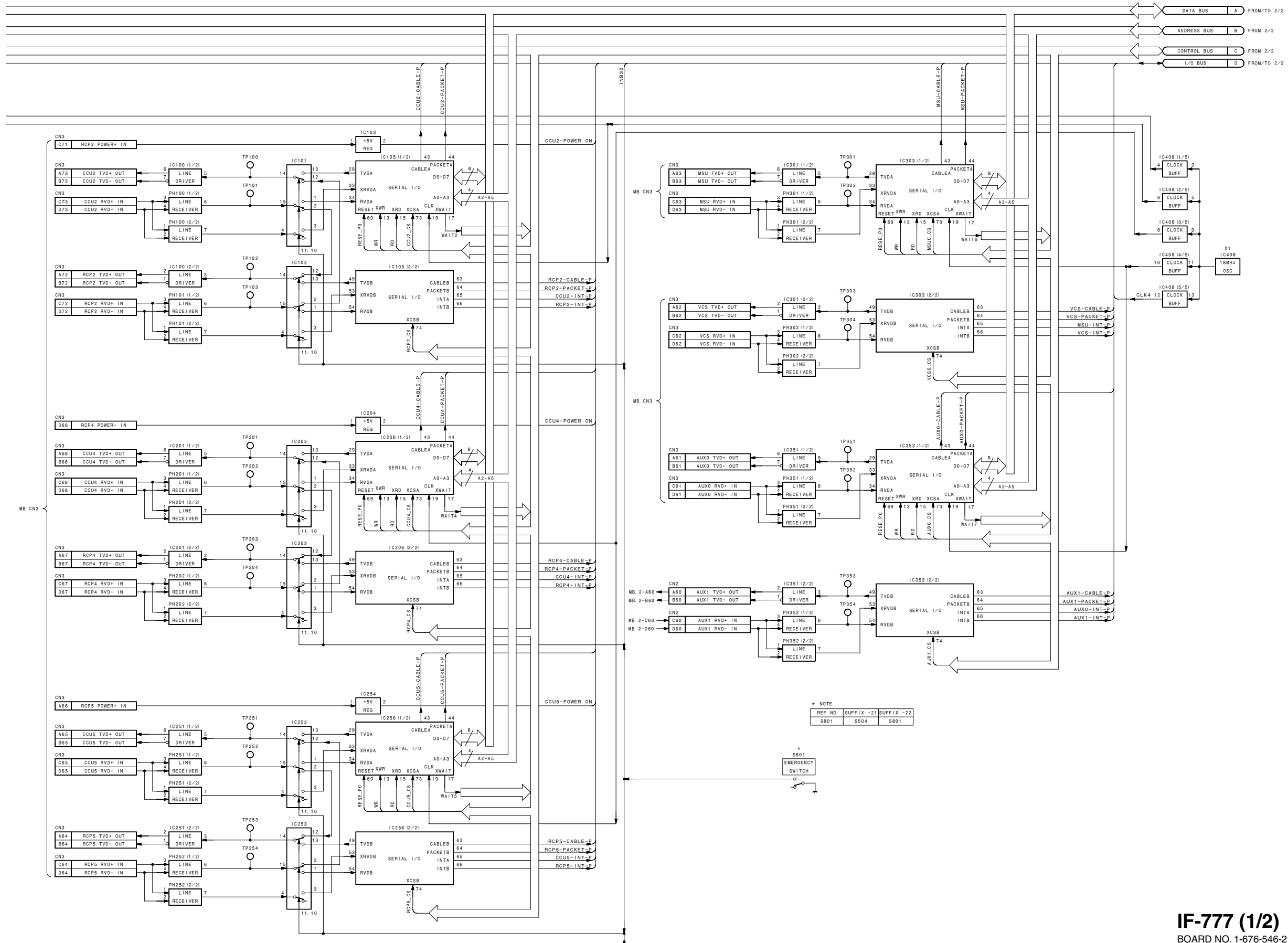
5-2 (a)



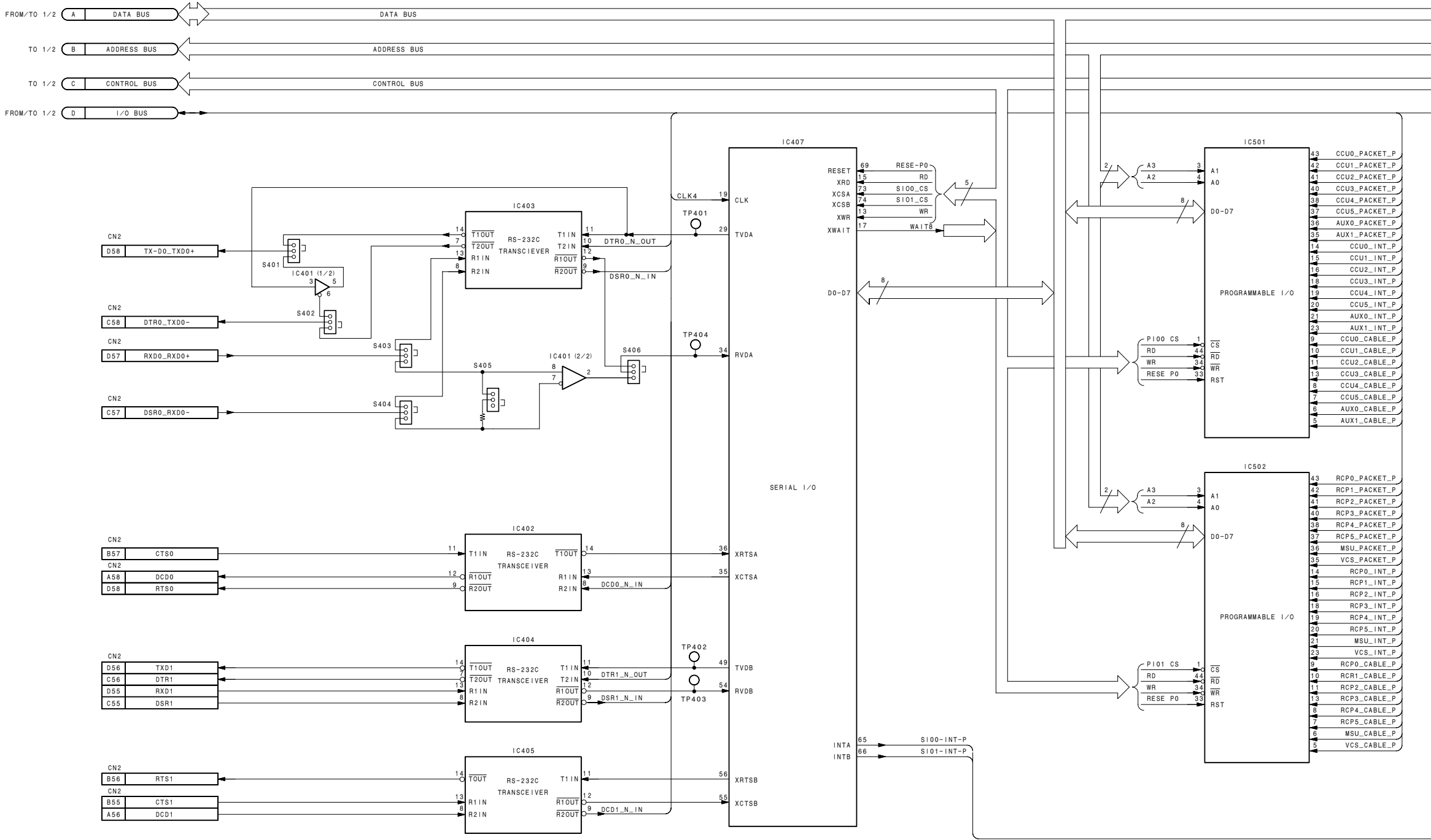
Overall

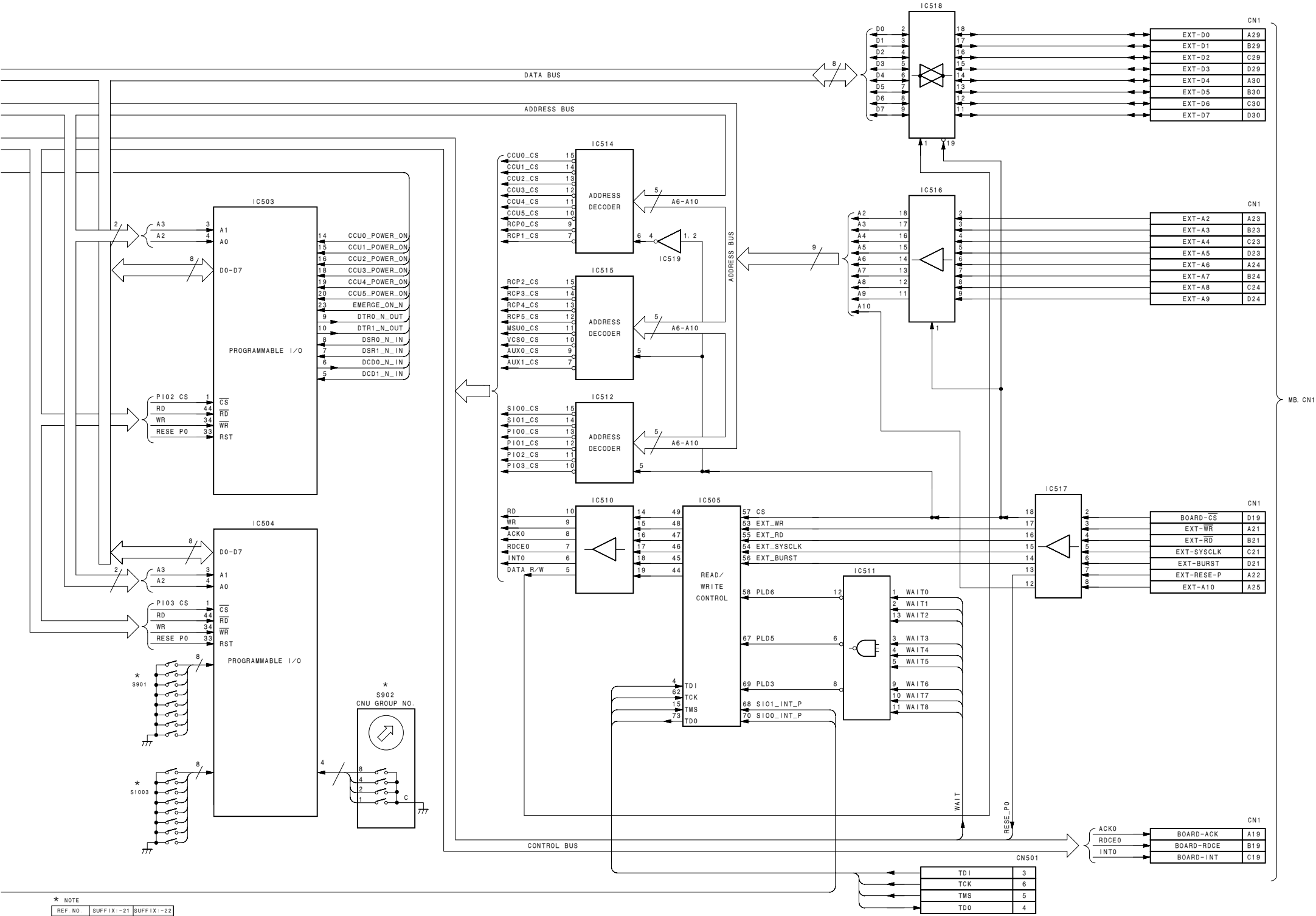
CNU-700 (SY) : 110001 and Higher



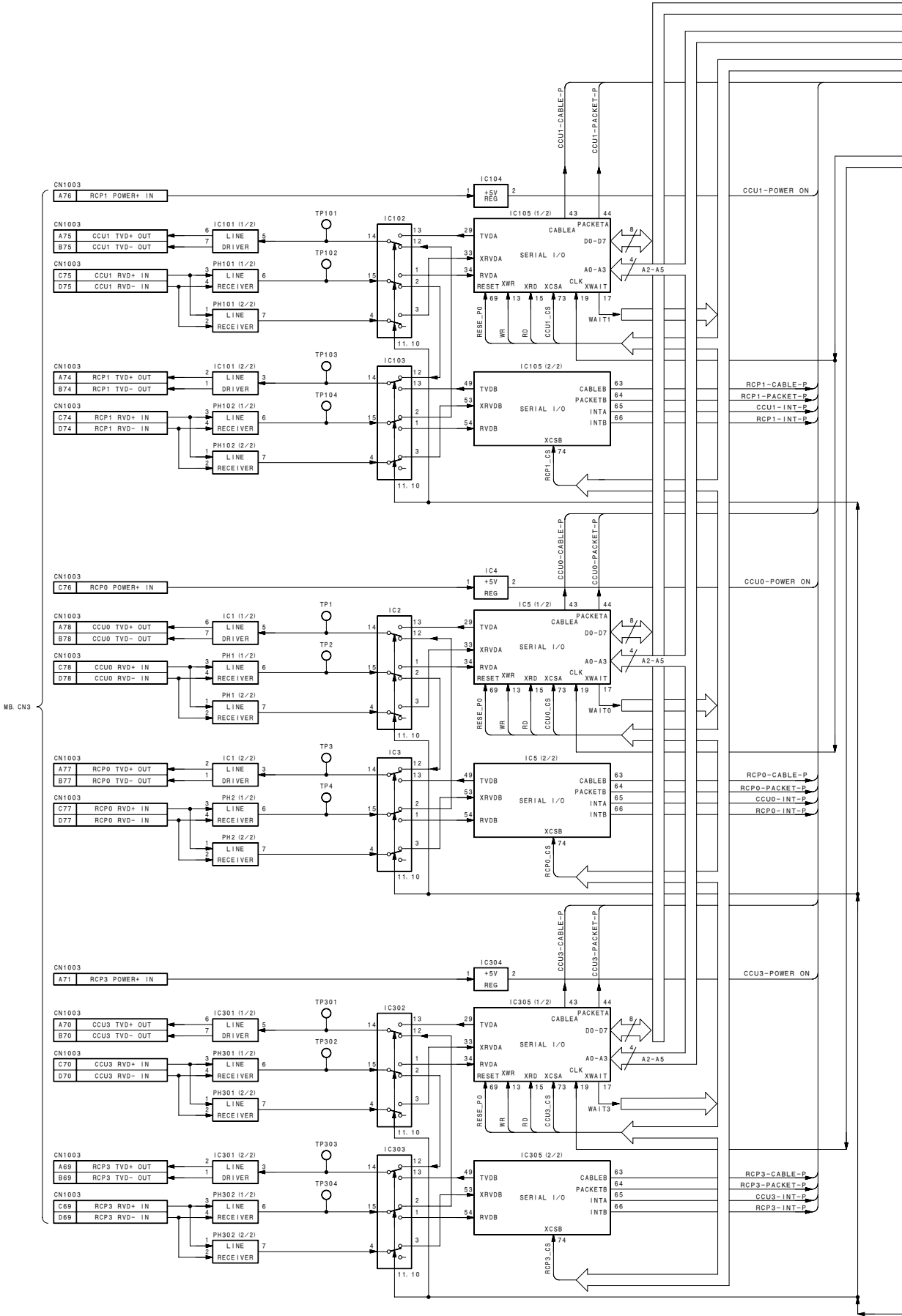


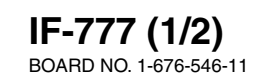
CNU-700 (SY) : 110001 and Higher



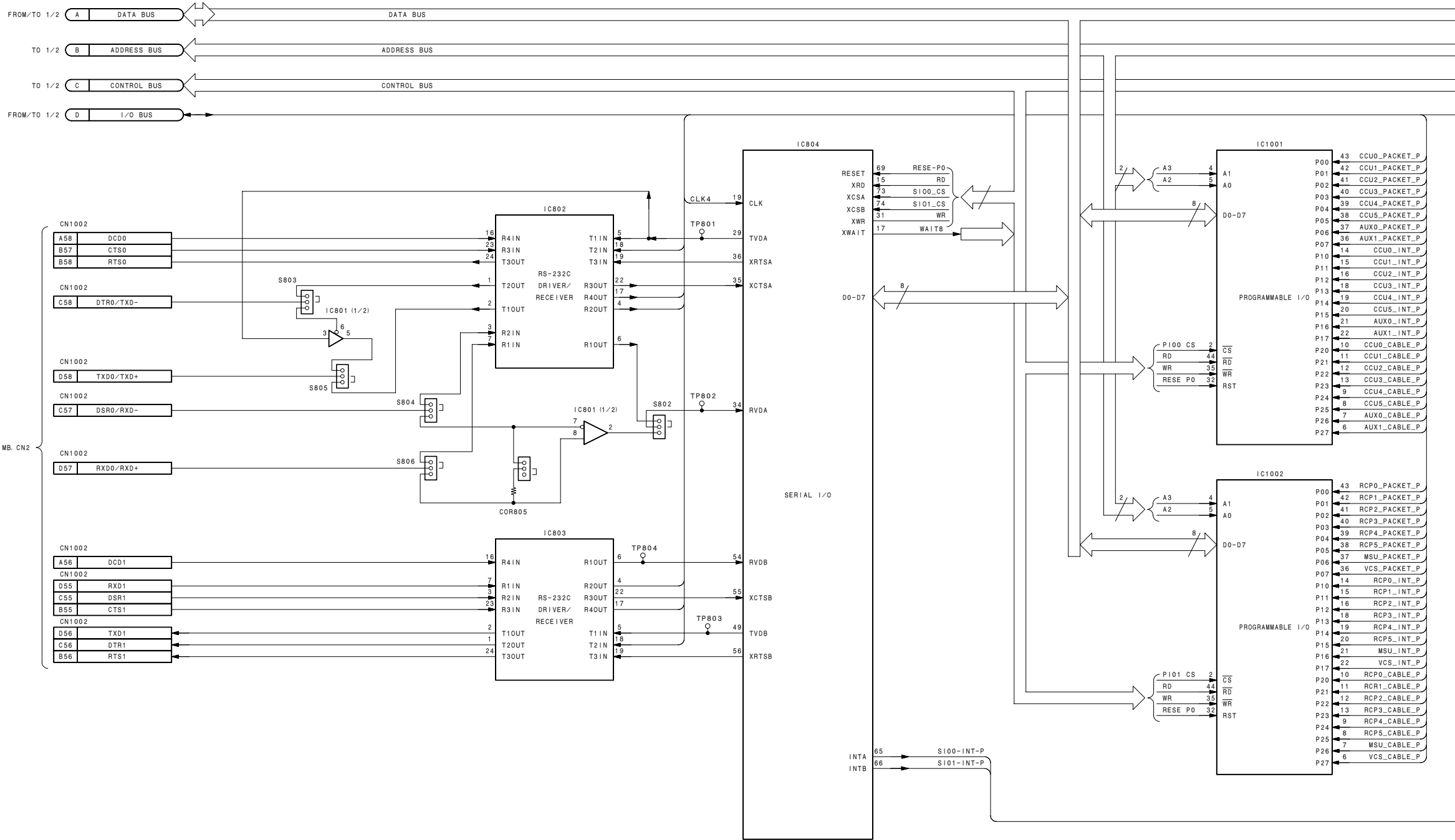


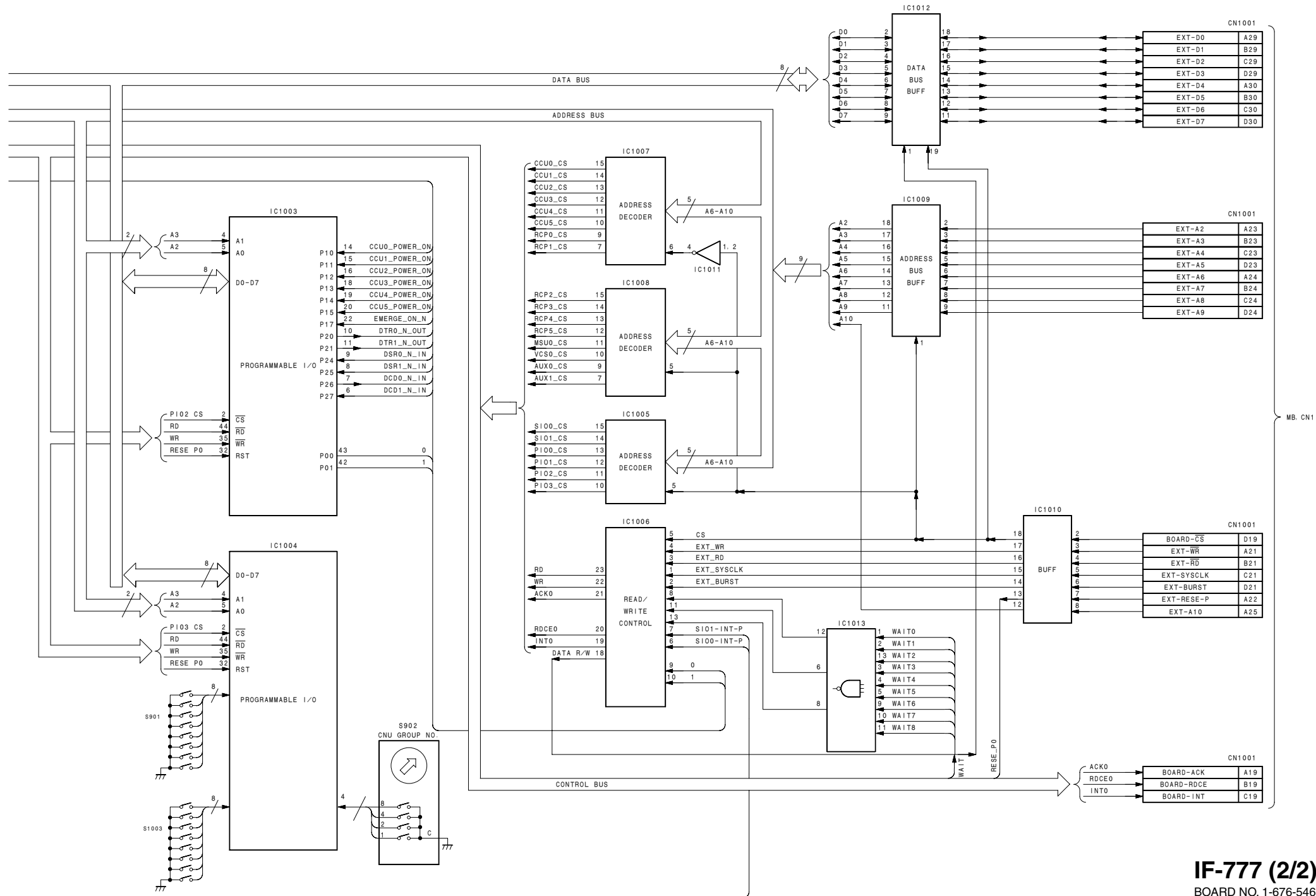
CNU-700 (UC) : 18001 through 18206
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207



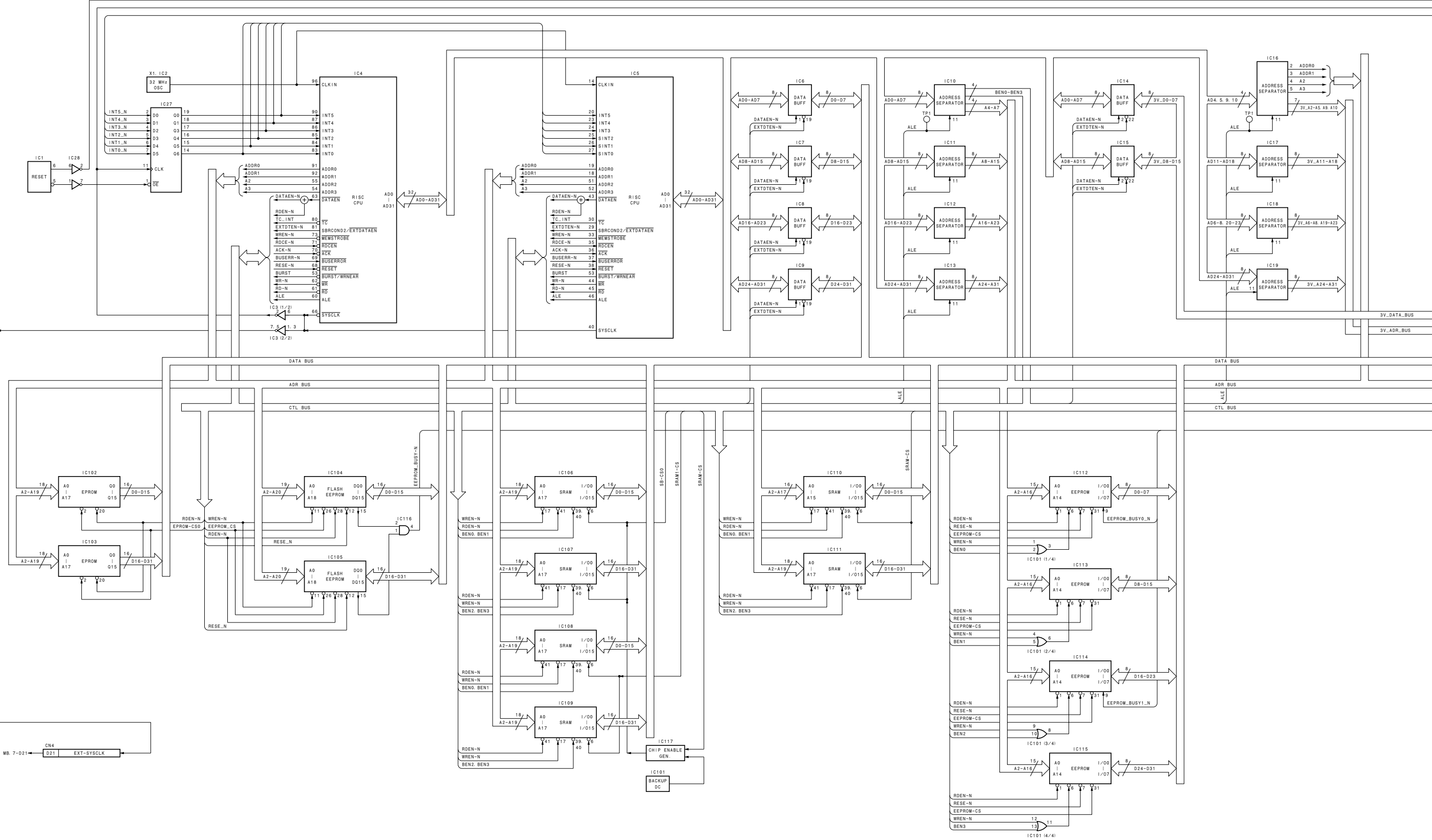


CNU-700 (UC) : 18001 through 18206
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207





CNU-700 (SY) : 110001 and Higher

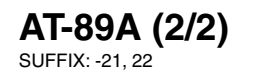


AT-89A (1/2)
SUFFIX: -21, 22



AT-89A (2/2)
SUFFIX: -21, 22

CNU-700



AT-89A
SUFFIX: -11

5-8 (a)

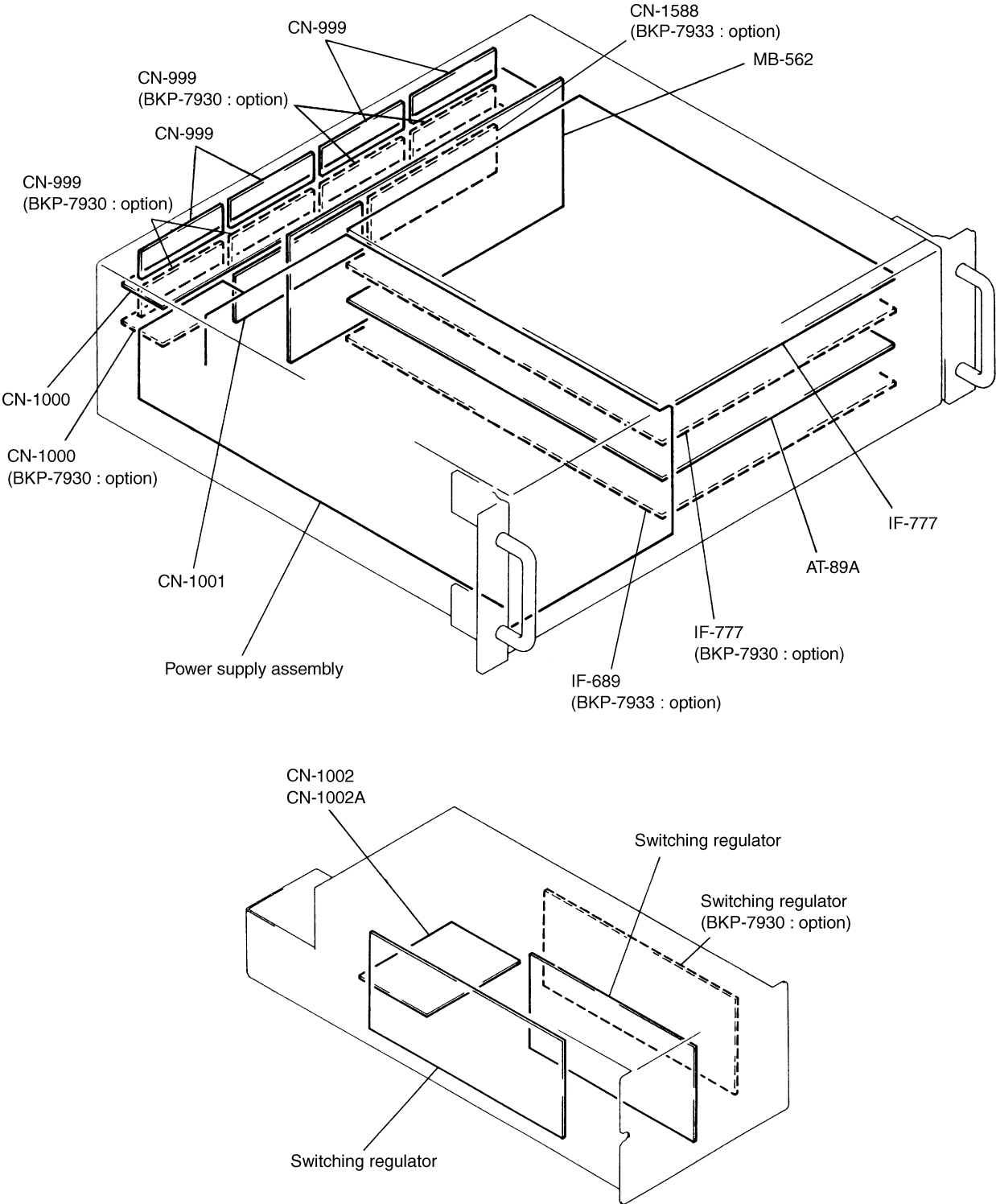


AT-89A
SUFFIX: -11

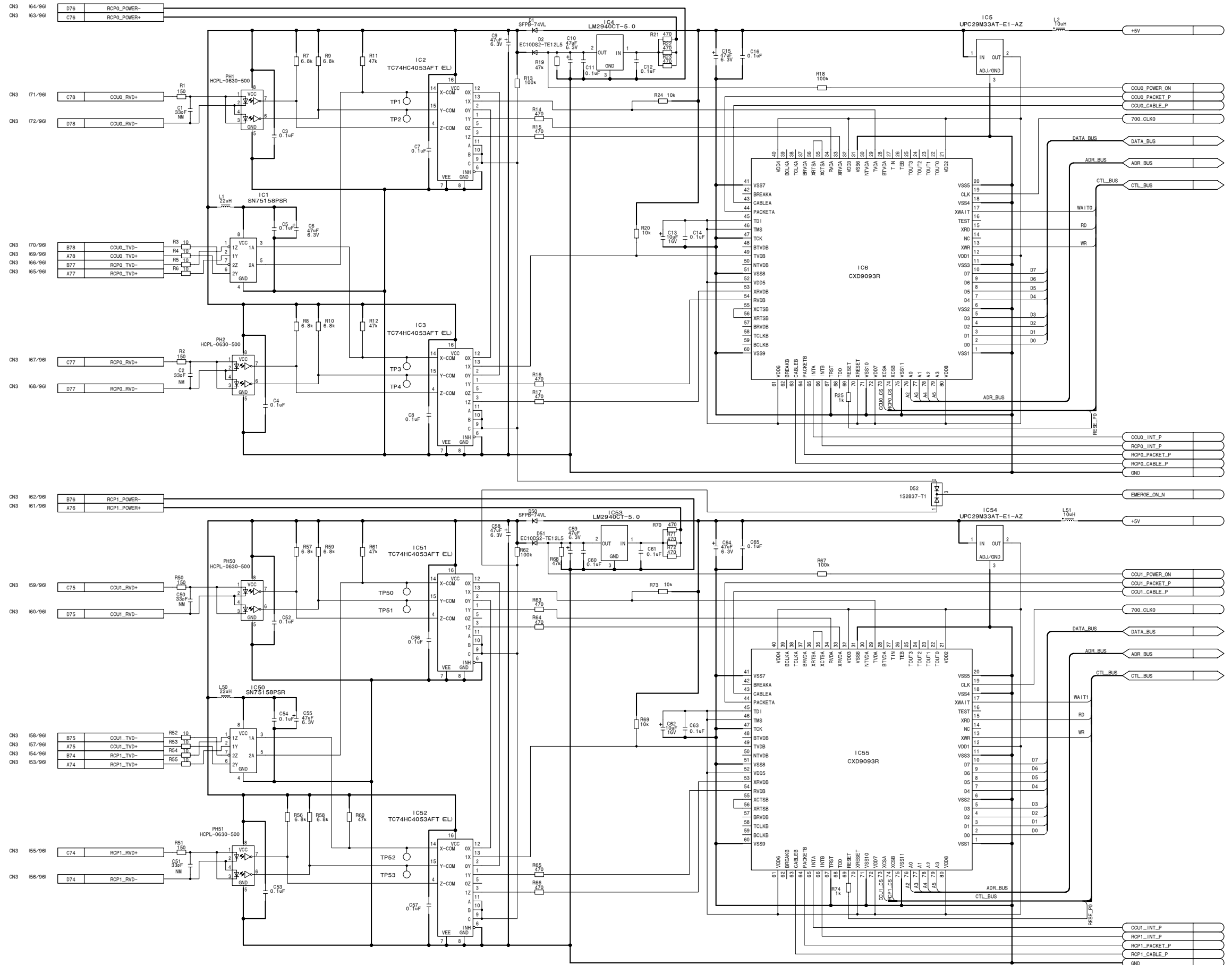


Section 6
Schematic Diagrams

Location of Printed Circuit Boards



IF-777 (1/4)
SUFFIX: -21, 22



6-2 (b)

A

B

C

D

E

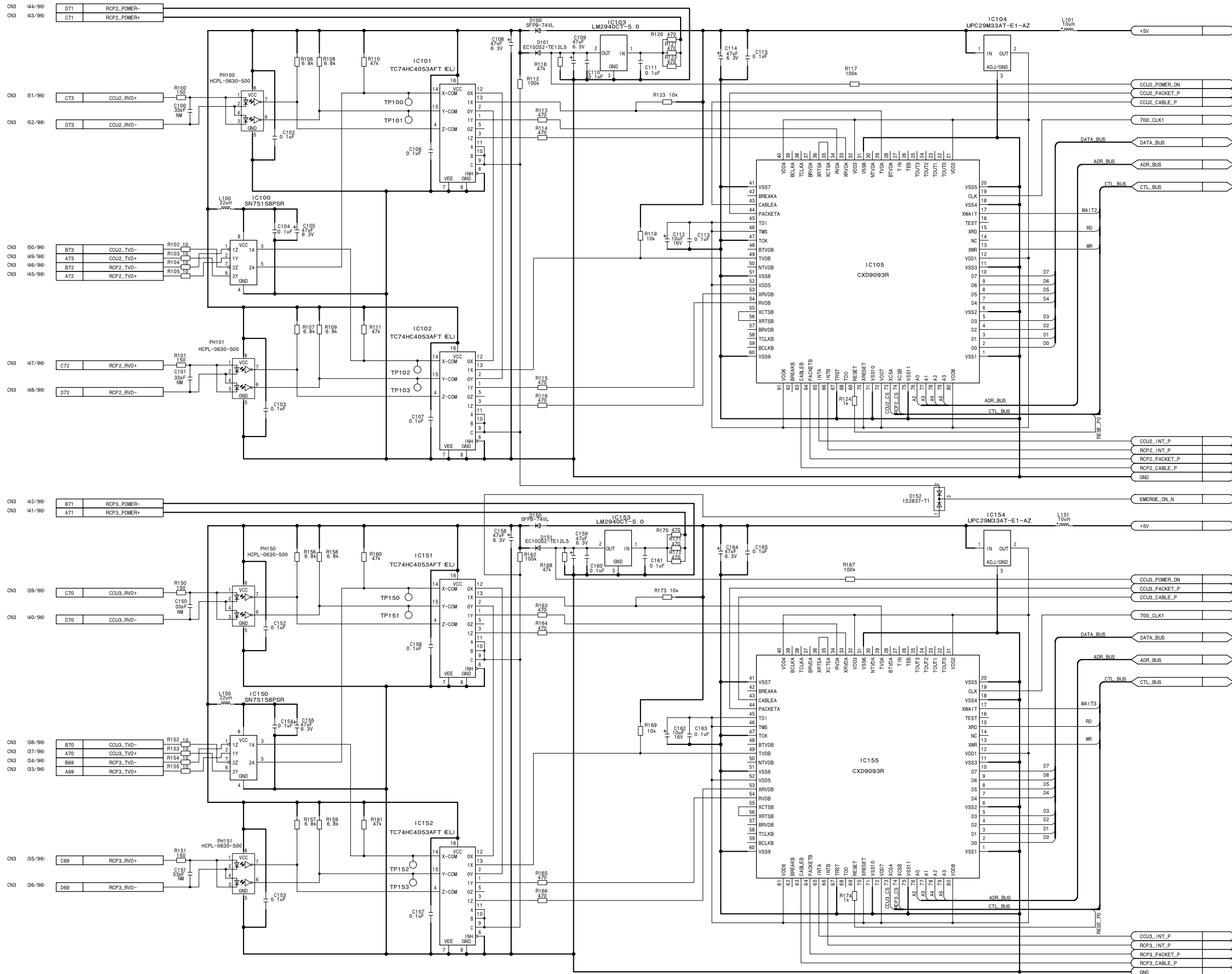
F

G

H

IF-777 (1/4)
SUFFIX: -21, 22

IF-777 (1/4)
SUFFIX: -21, 22

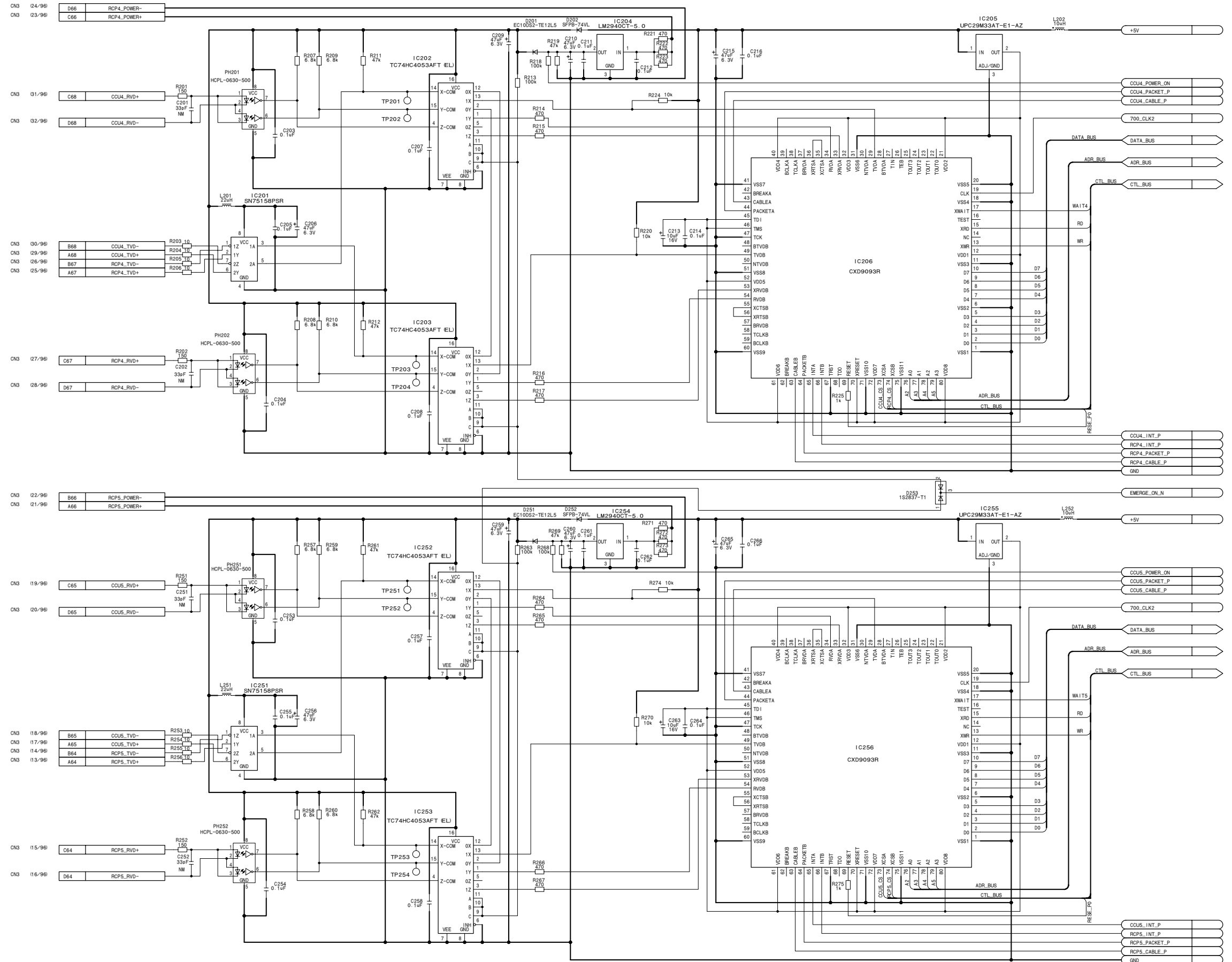


6-3 (b)

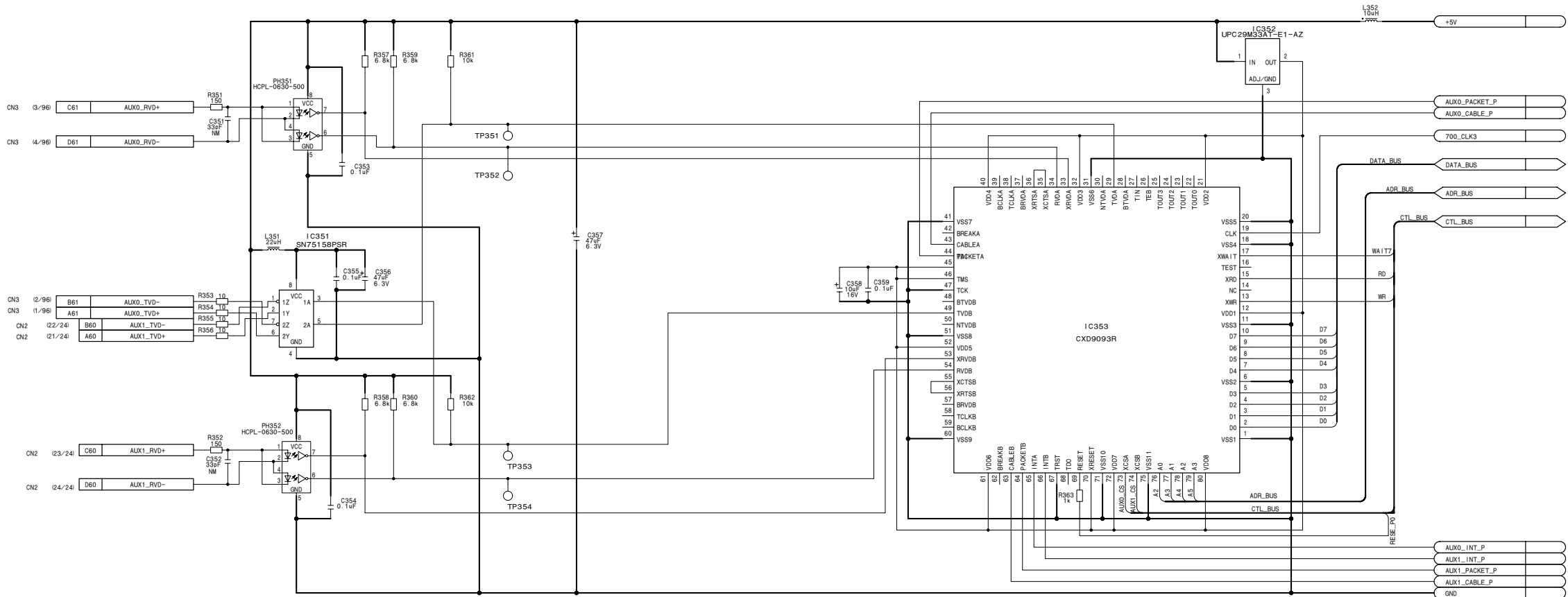
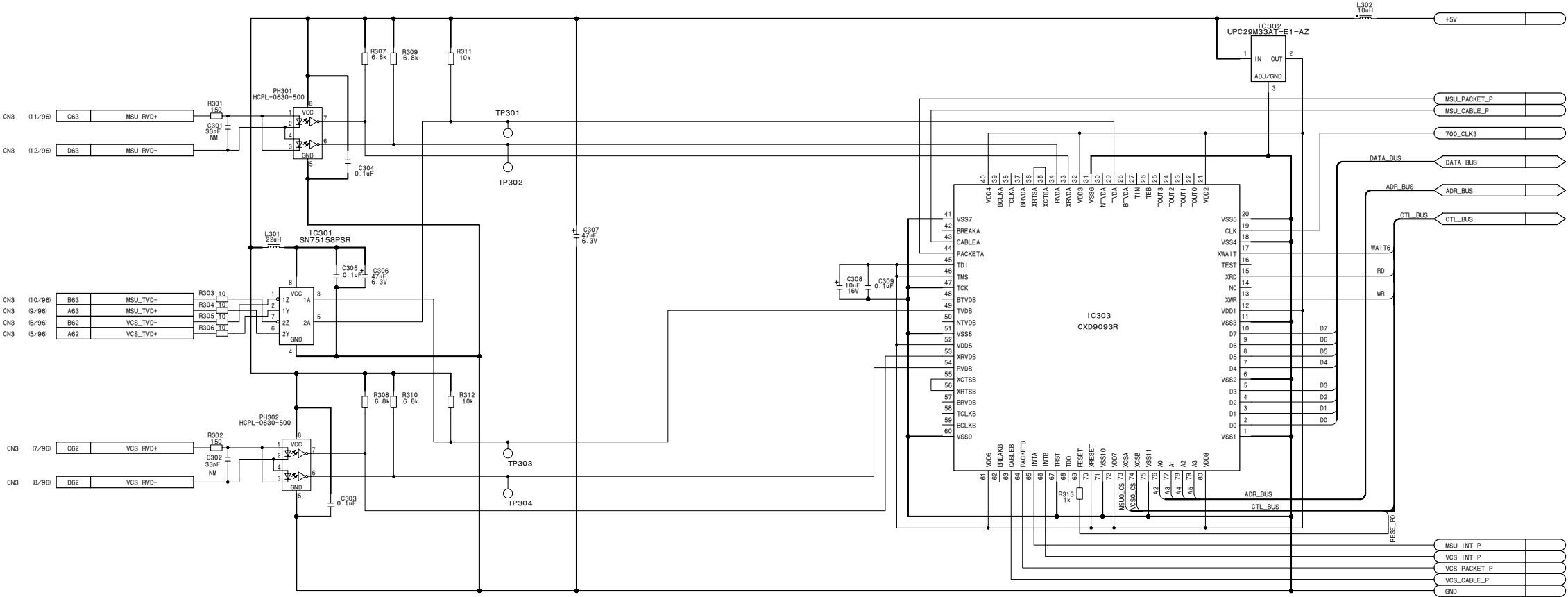
6-3 (b)

IF-777 (1/4)
BOARD NO. 1-676-546-21, 22
CAX-128PB_IF-777_002_1

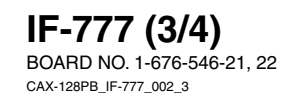
IF-777 (2/4)
SUFFIX: -21, 22



6-4 (b)



IF-777 (3/4)
SUFFIX: -21, 22



The schematic diagram illustrates the hardware architecture of the EPR system, centered around four MSM82C55A-2GS (IC501, IC502, IC503, IC504) and an EP7M128AETC100-10N (IC505) microcontroller. The system is interfaced with a DATA_BUS, ADDR_BUS, and CTL_BUS.

IC501 and IC502 (MSM82C55A-2GS): These ICs manage packet and cable data. IC501 handles AUX1_PACKET_P through CCU0_CABLE_P, while IC502 handles VCS_PACKET_P through RCP0_CABLE_P. Both are connected to a common bus structure and include pull-up resistors (RB501-RB511, RB503-RB513).

IC503 and IC504 (MSM82C55A-2GS): These ICs manage power and data flow. IC503 handles CCUS_POWER_ON through DSRD_N_IN, and IC504 handles S502 through S503. They are connected to a common bus structure and include pull-up resistors (RB515-RB522, RB514-RB523).

IC505 (EP7M128AETC100-10N): This microcontroller manages the system's control logic, including input/output (INPUT1/OUTPUT1, INPUT2/OUTPUT2), VCC, and GND connections. It is connected to a common bus structure and includes pull-up resistors (RB514-RB523).

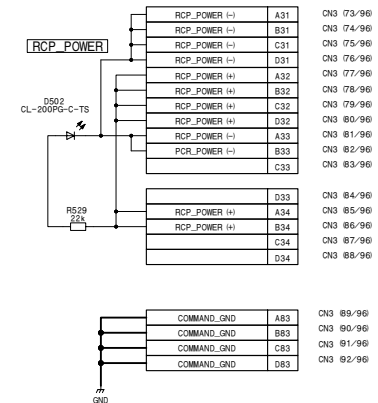
Other Components: The schematic includes various passive components such as resistors (R501-R507, R508-R519, R520-R521), capacitors (C501-C507), and a voltage divider (C508, C509). It also shows a power supply section (C505, C506, C507) and a signal conditioning section (C508, C509).

Signal Buses: The system is connected to a DATA_BUS, ADDR_BUS, and CTL_BUS. The DATA_BUS is connected to the DATA_IN and DATA_OUT pins of the ICs. The ADDR_BUS is connected to the ADDR pins. The CTL_BUS is connected to the CTL pins.

Connectors: The schematic shows several connectors, including a 10-pin connector (CN501) and a 10-pin connector (CN502).

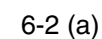
Legend: A legend at the bottom right defines the symbols used in the schematic, including Vcc, TRST, TD1, TDO, TMS, TCK, MODE, and GND.

IF-777 (4/4)
SUFFIX: -21, 22



BOARD NO. 1-676-546-21, 22
CAX-128PB_IF-777_002_4

IF-777 (1/4)
SUFFIX: -11



H

IF-777 (1/4)
SUFFIX: -11

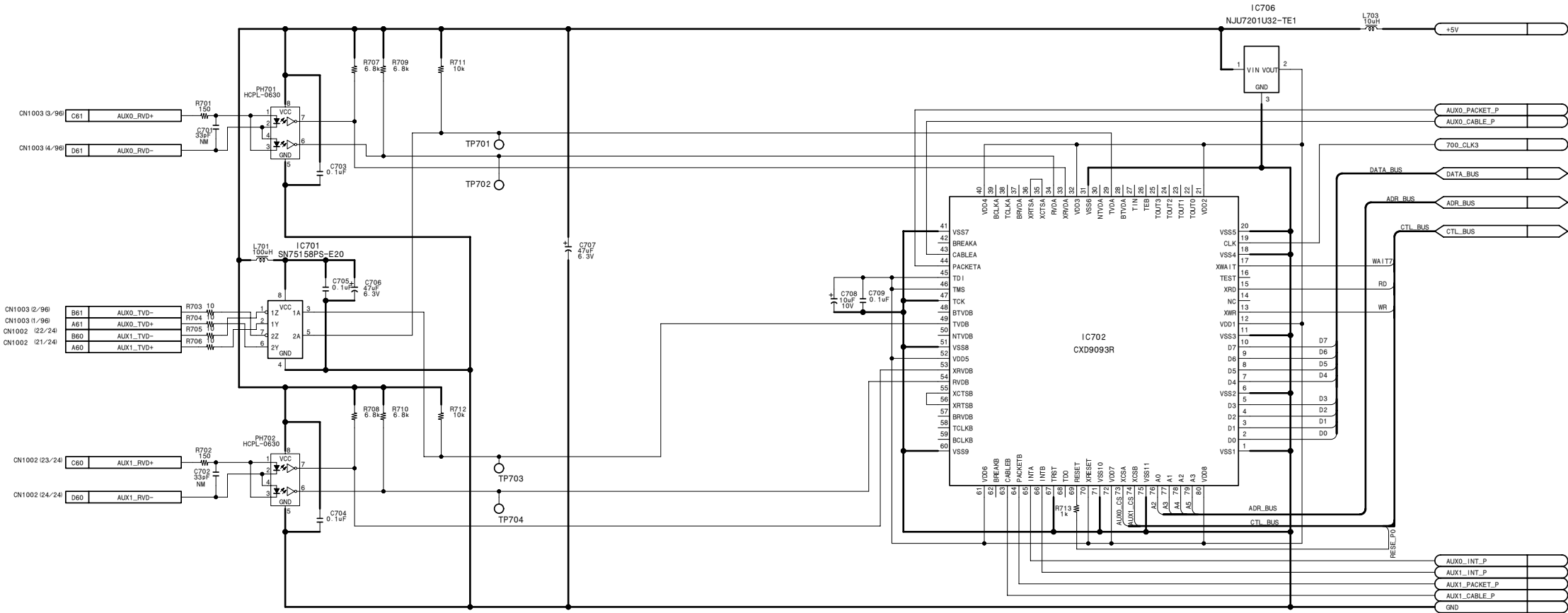
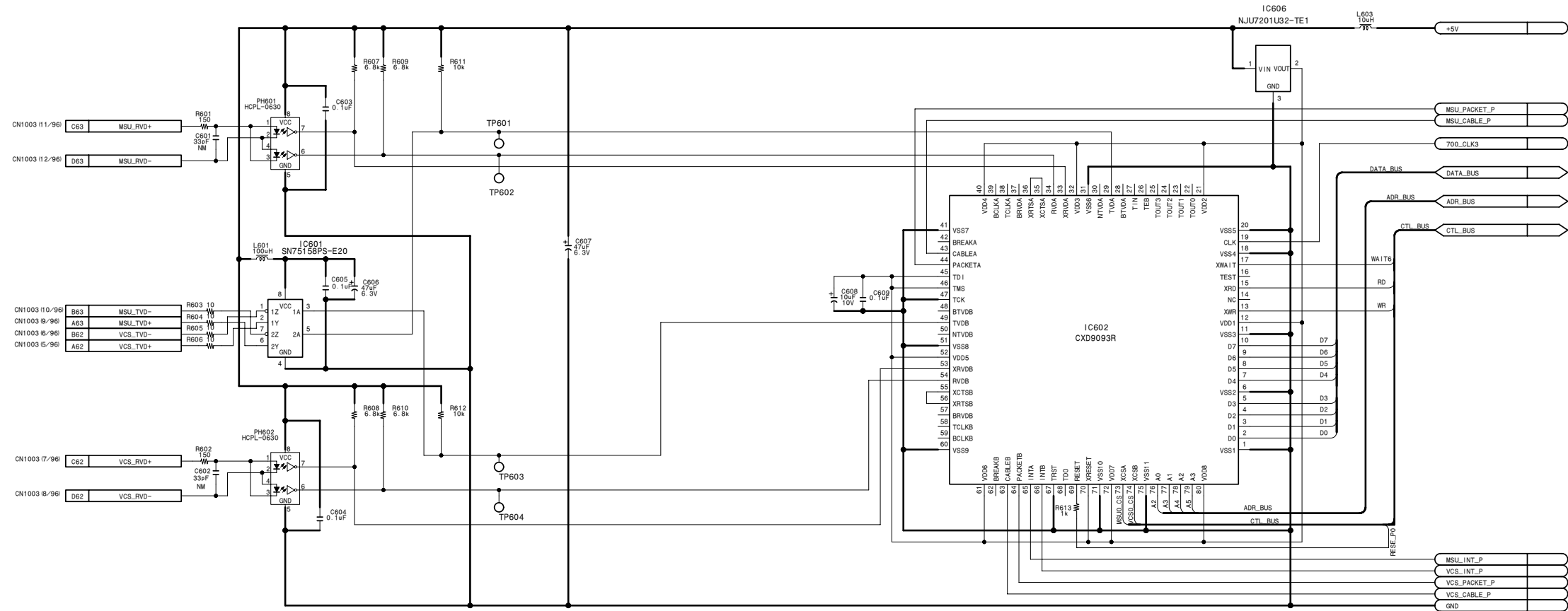


IF-777 (1/4)
BOARD NO. 1-676-546-11
GS-CNU-700_IF-777_003_1

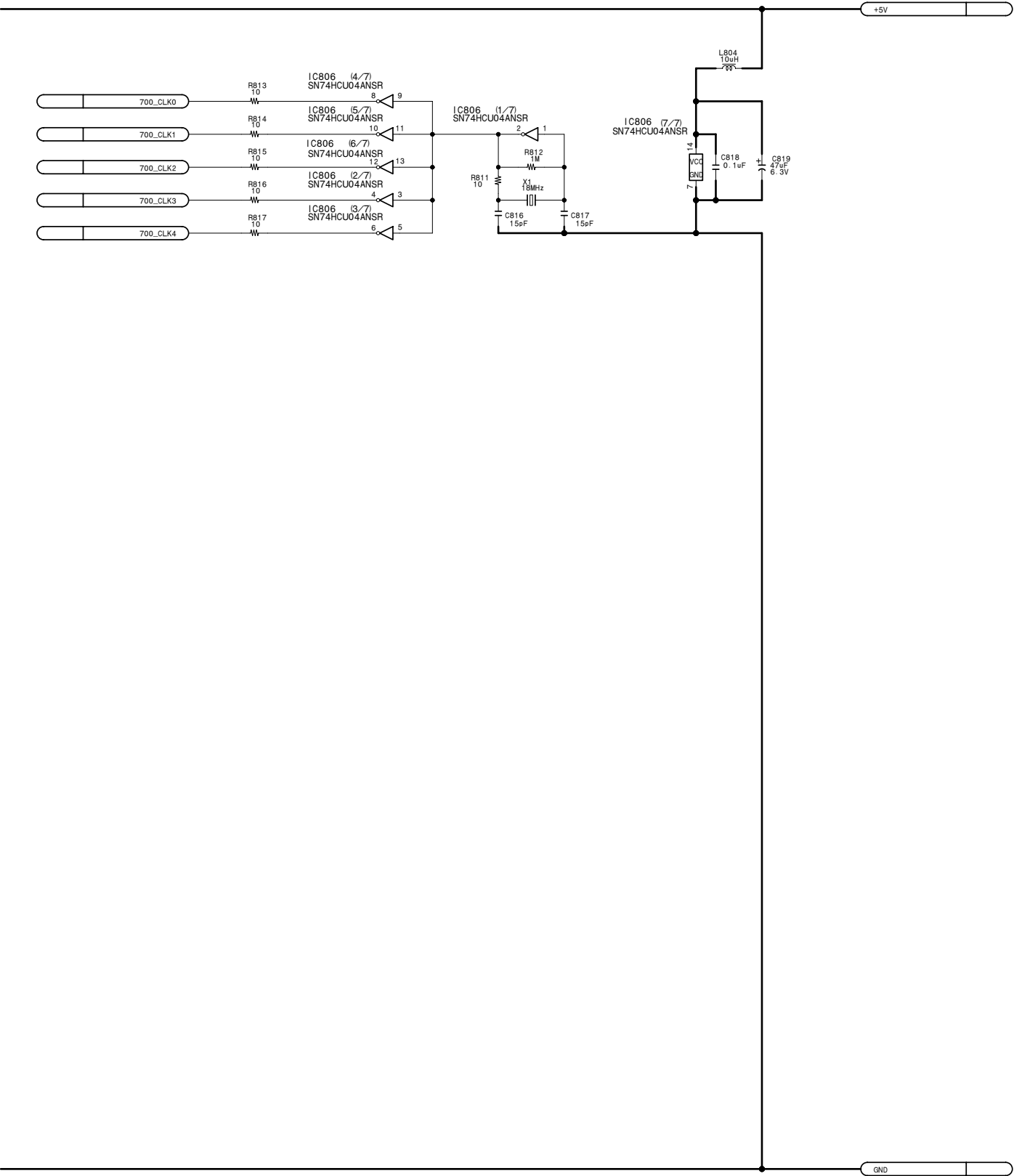
IF-777 (2/4)
SUFFIX: -11



H



IF-777 (3/4)
SUFFIX: -11

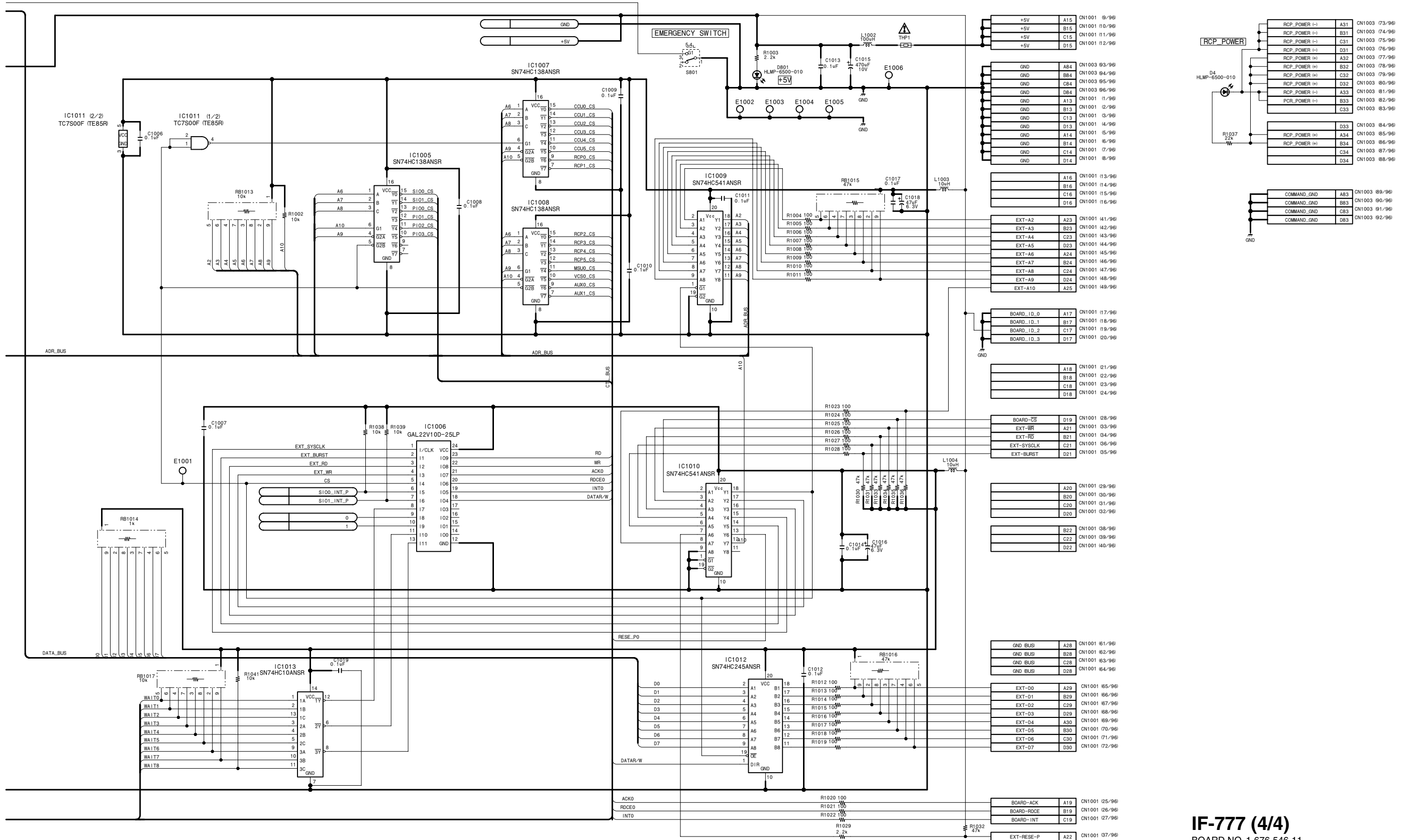


IF-777 (3/4)

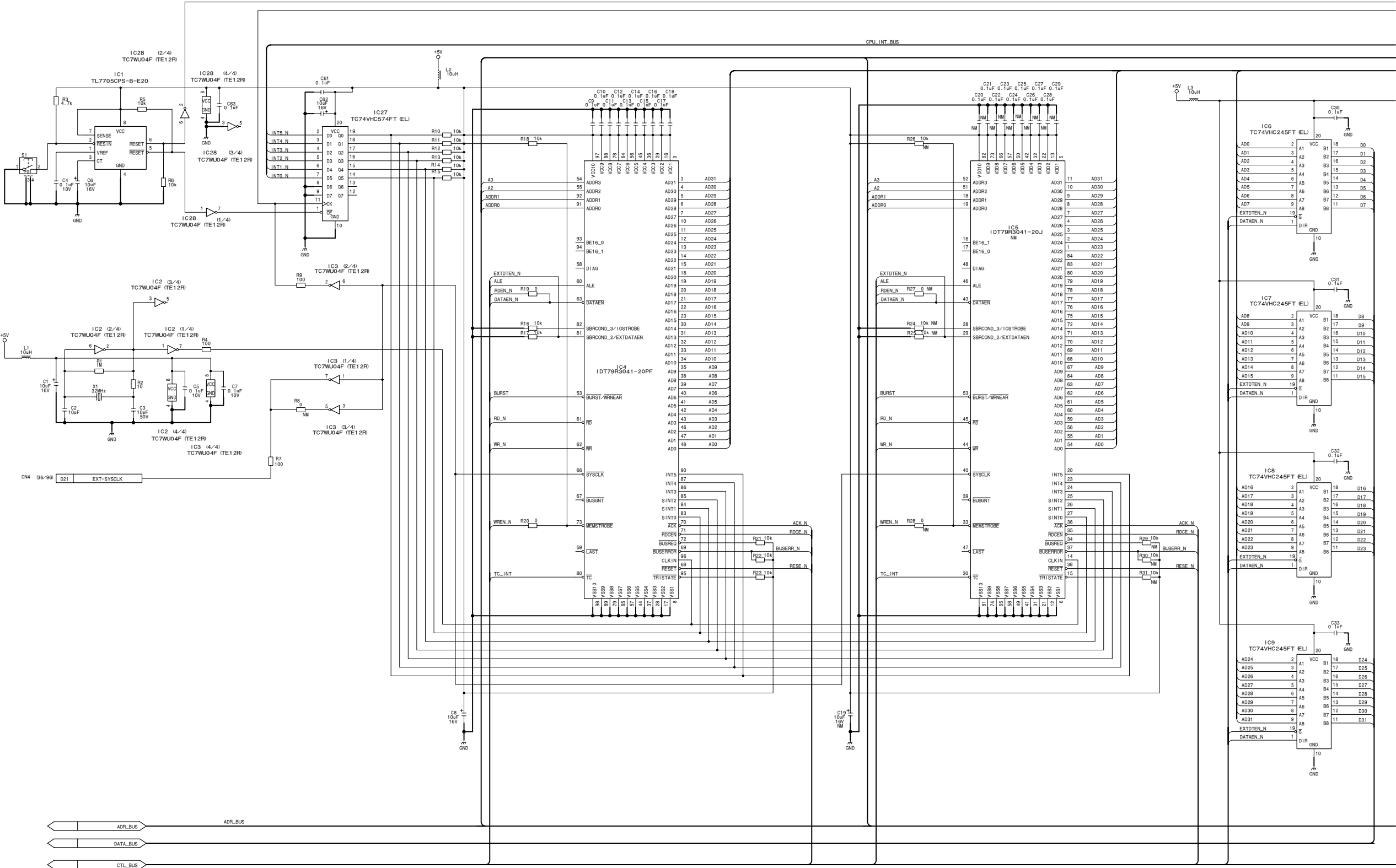
BOARD NO. 1-676-546-11
GS-CNU-700_IF-777_003_3

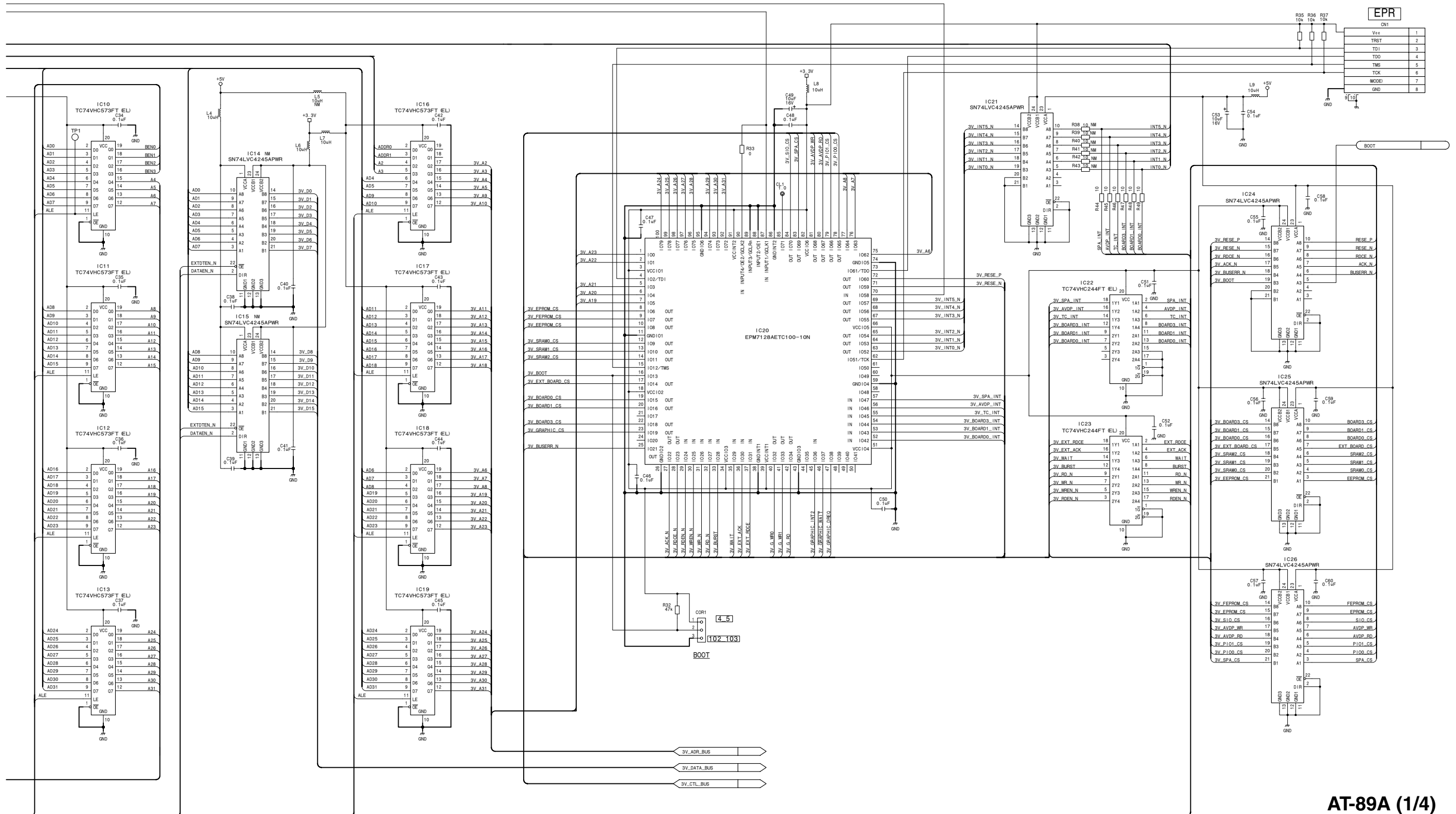
IF-777 (4/4)
SUFFIX: -11

H

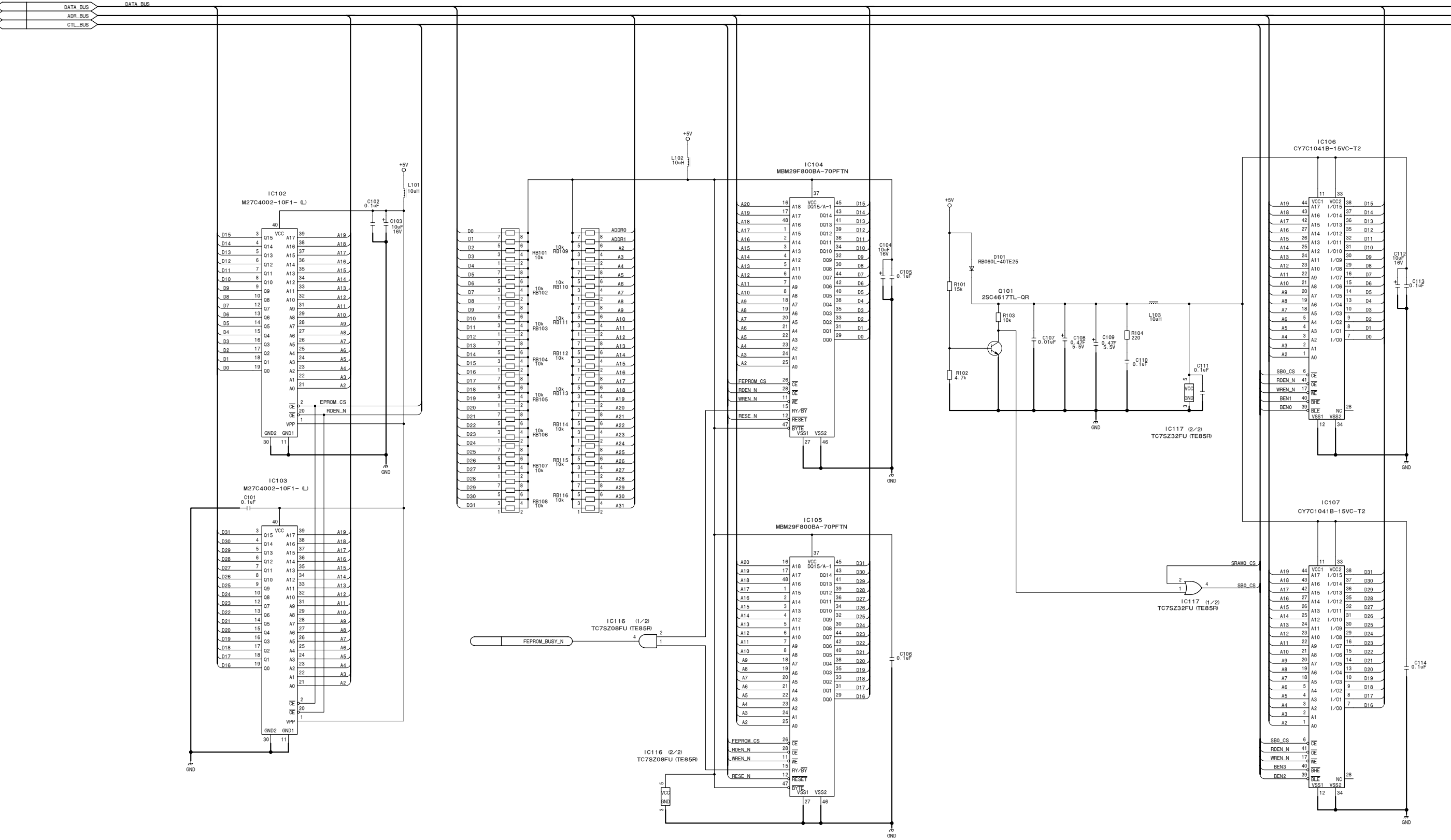


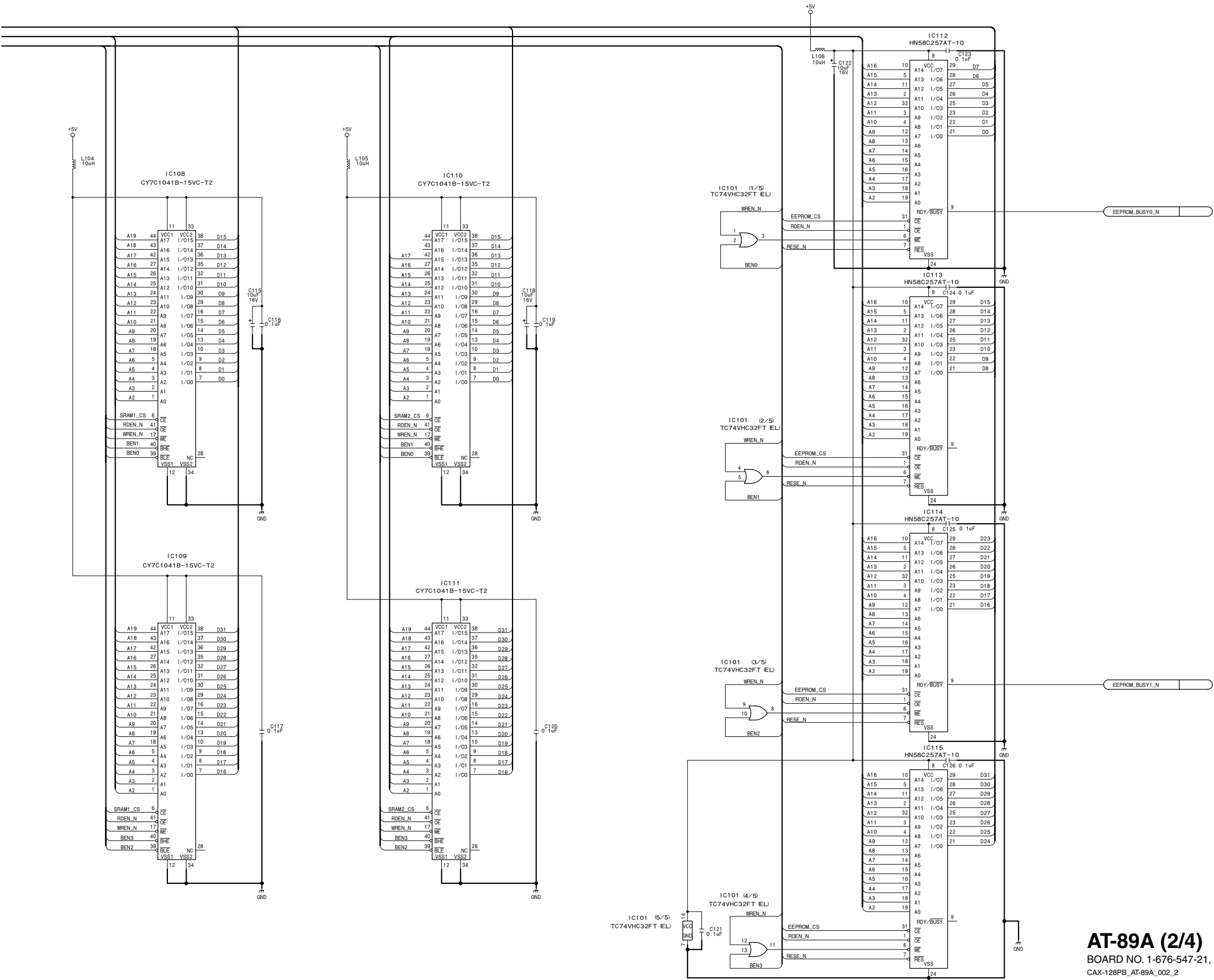
CNU-700 (SY) : 110001 and Higher





CNU-700 (SY) : 110001 and Higher

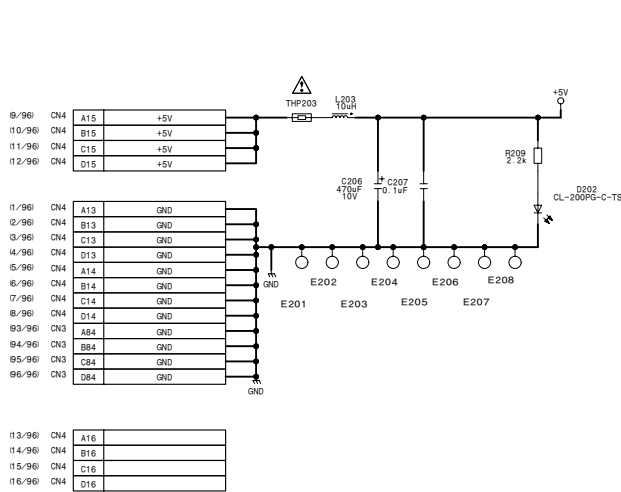




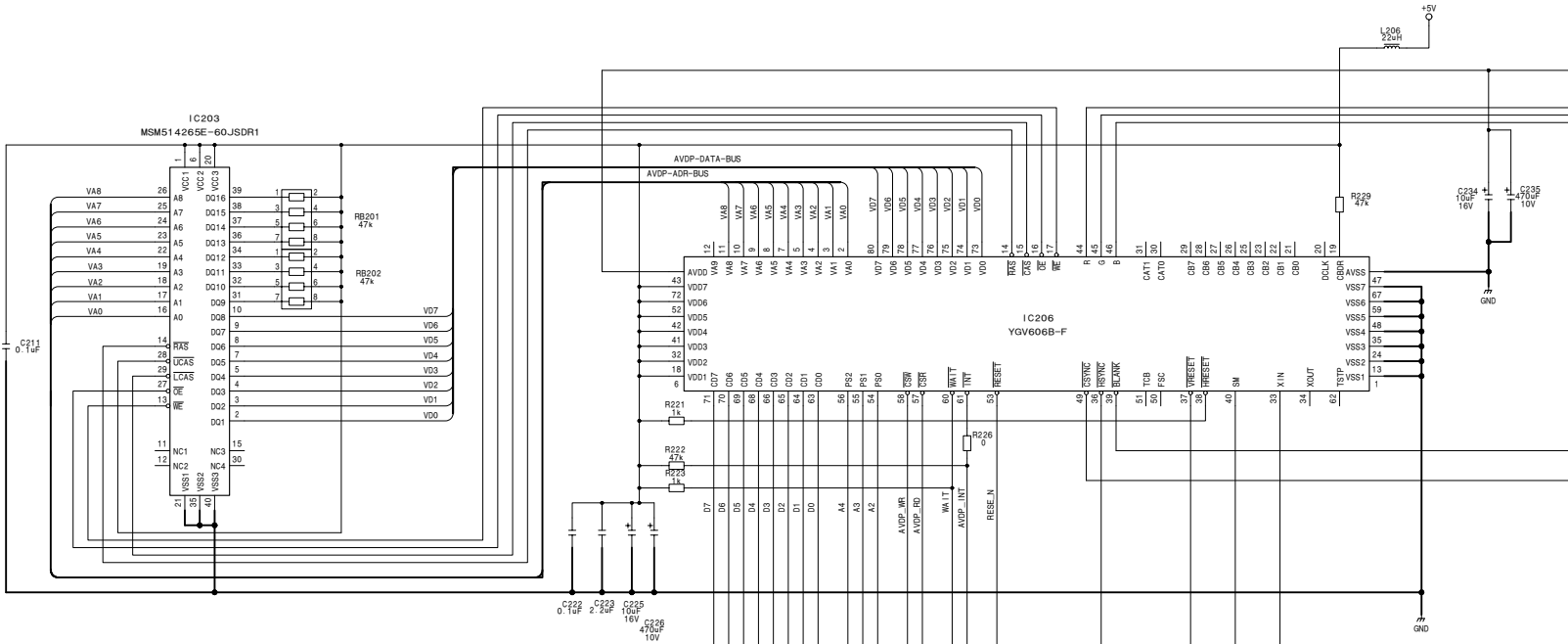
AT-89A (2/4)
BOARD NO. 1-676-547-21, 22
CAX-128PB_AT-89A_002_2

CNU-700 (SY) : 110001 and Higher

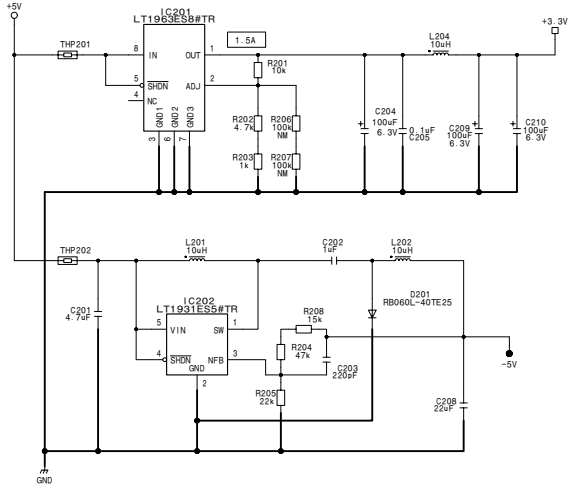
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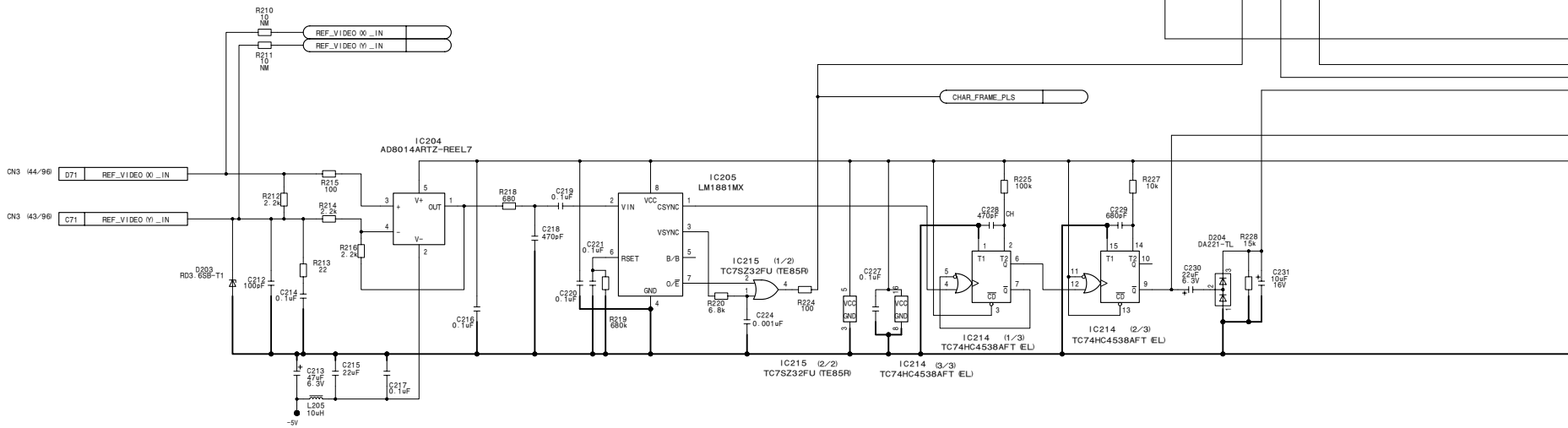
2



3

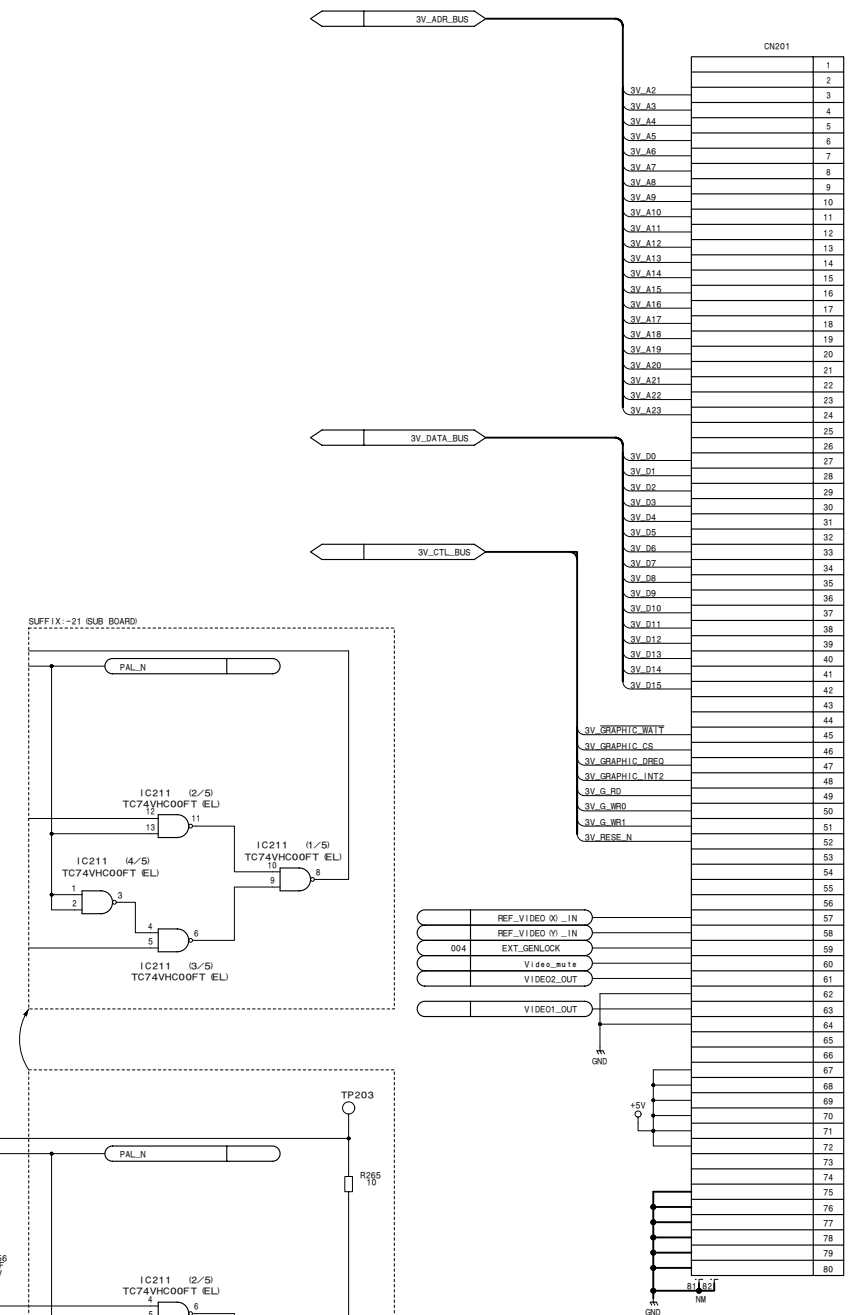


4



5

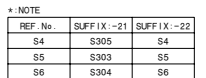
AT-89A (3/4)
SUFFIX: -21, 22



P

AT-89A (4/4)
SUFFIX: -21, 22

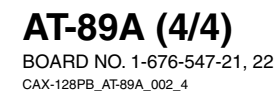
REF. No.	SUFFIX:-21	SUFFIX:-22
RB301	47k	4. 7k
RB304	47k	4. 7k
S3	S302	S3



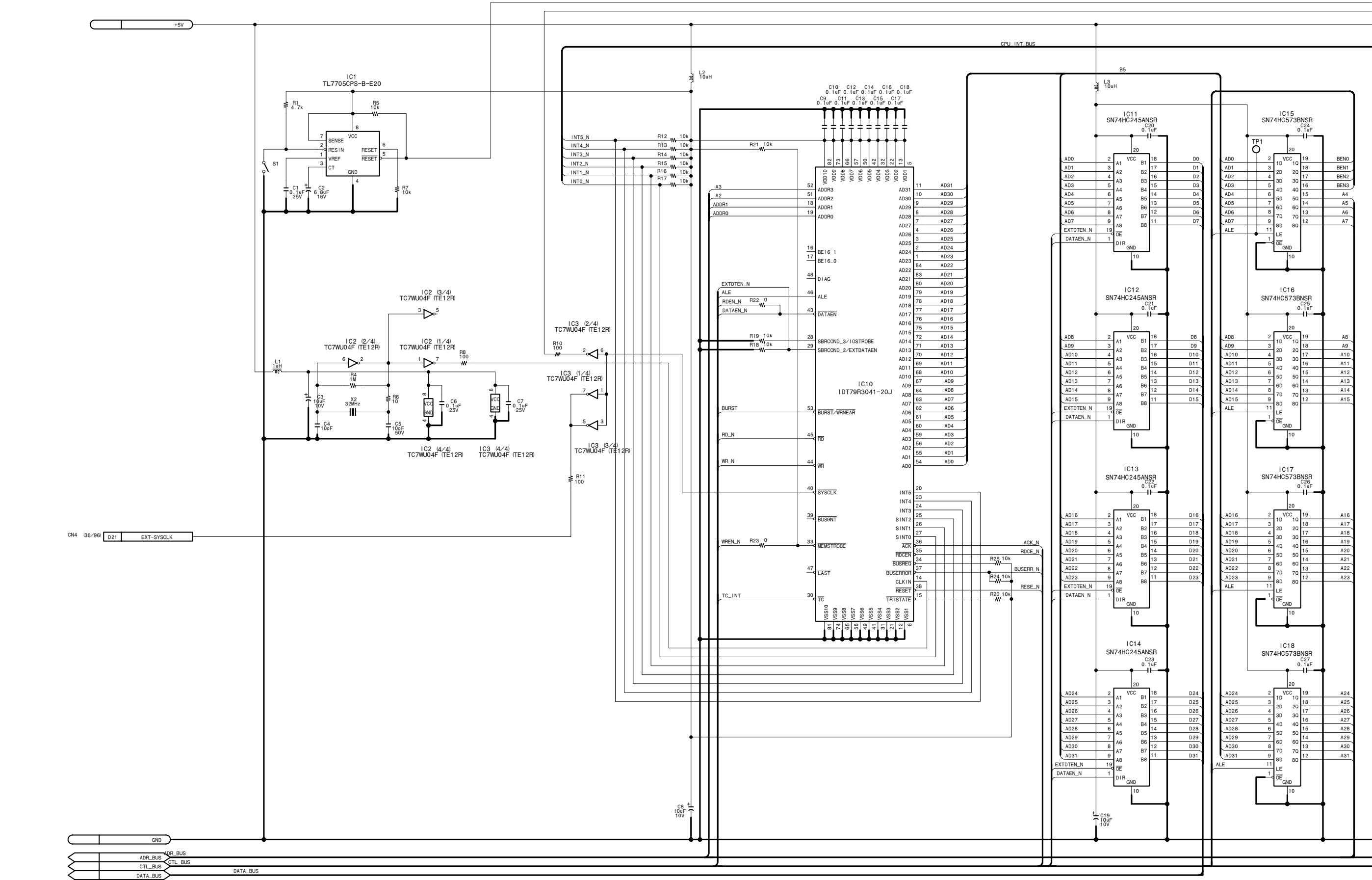
SPARE3	A69	CN3 (33/96)
SPARE4	B69	CN3 (34/96)

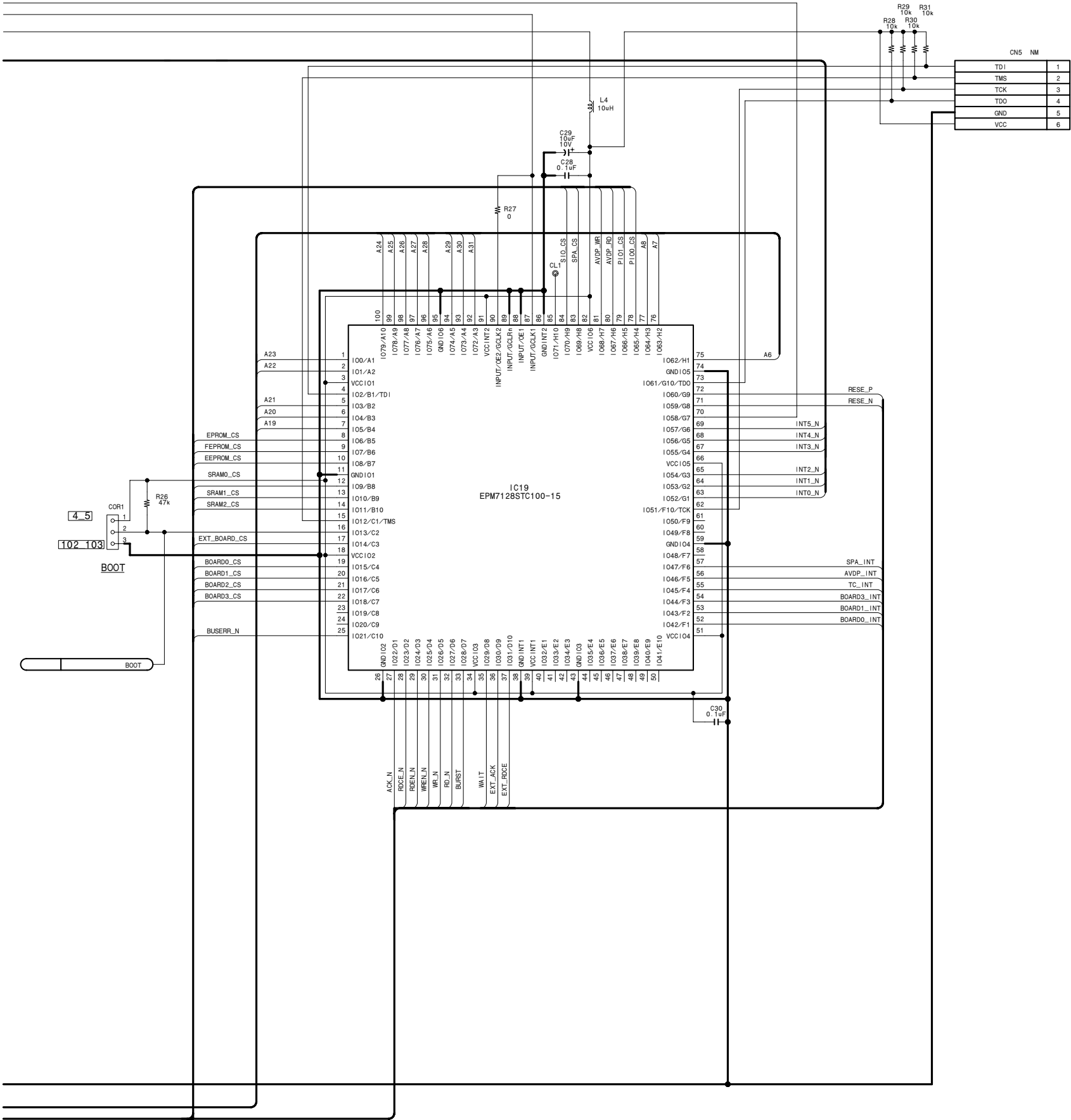
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AT-89A (4/4)
SUFFIX: -21, 22

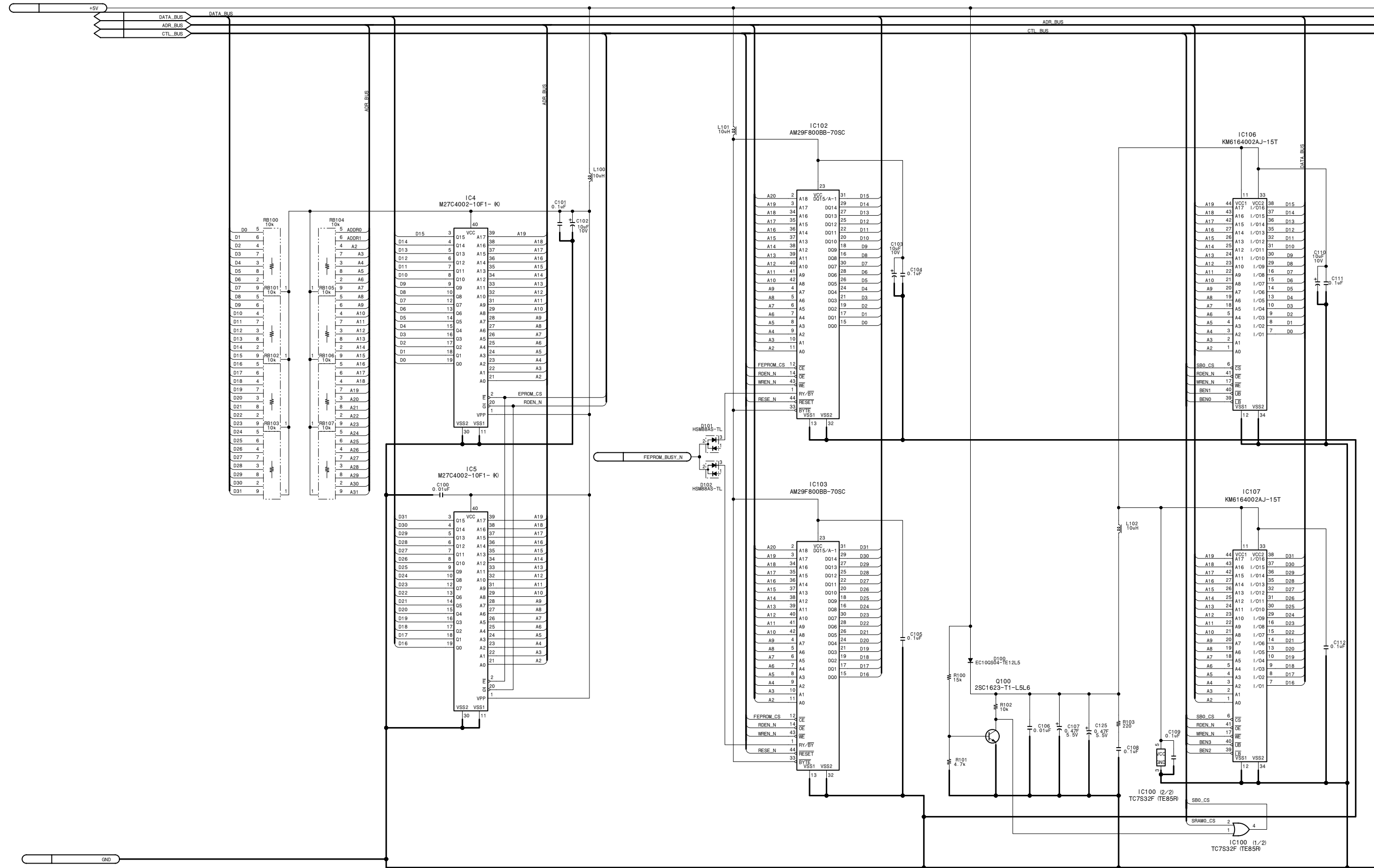


CNU-700 (UC) : 18001 through 18206
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207



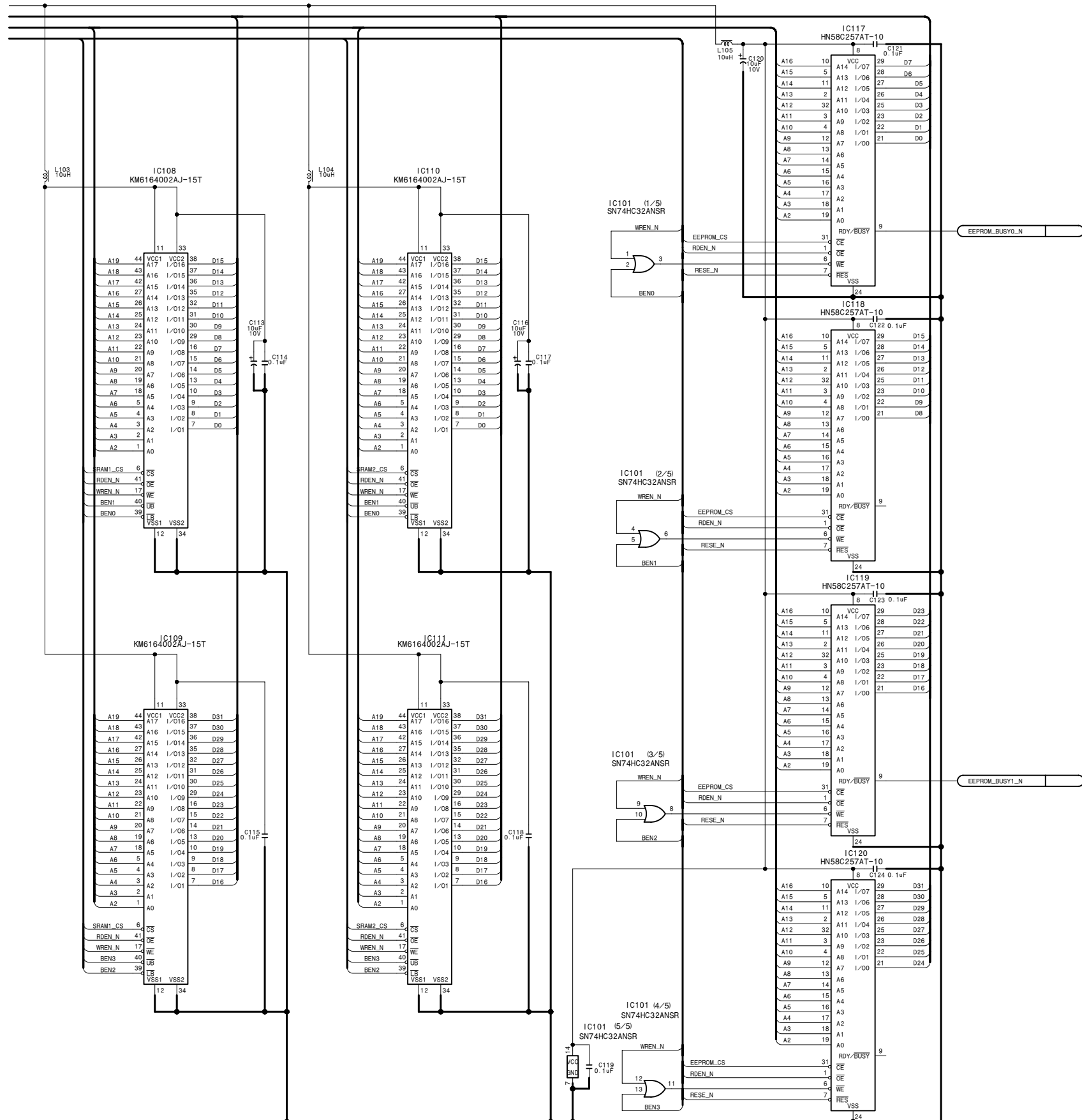


CNU-700 (UC) : 18001 through 18206
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207



6-12 (a)

6-12 (a)

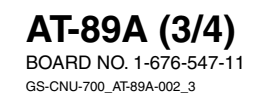


AT-89A (2/4)
BOARD NO. 1-676-547-11
GS-CNU-700_AT-89A-002_2

AT-89A (3/4)
SUFFIX: -11

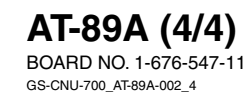
6-14 (a)

AT-89A (3/4)
SUFFIX: -11



AT-89A (4/4)
SUFFIX: -11

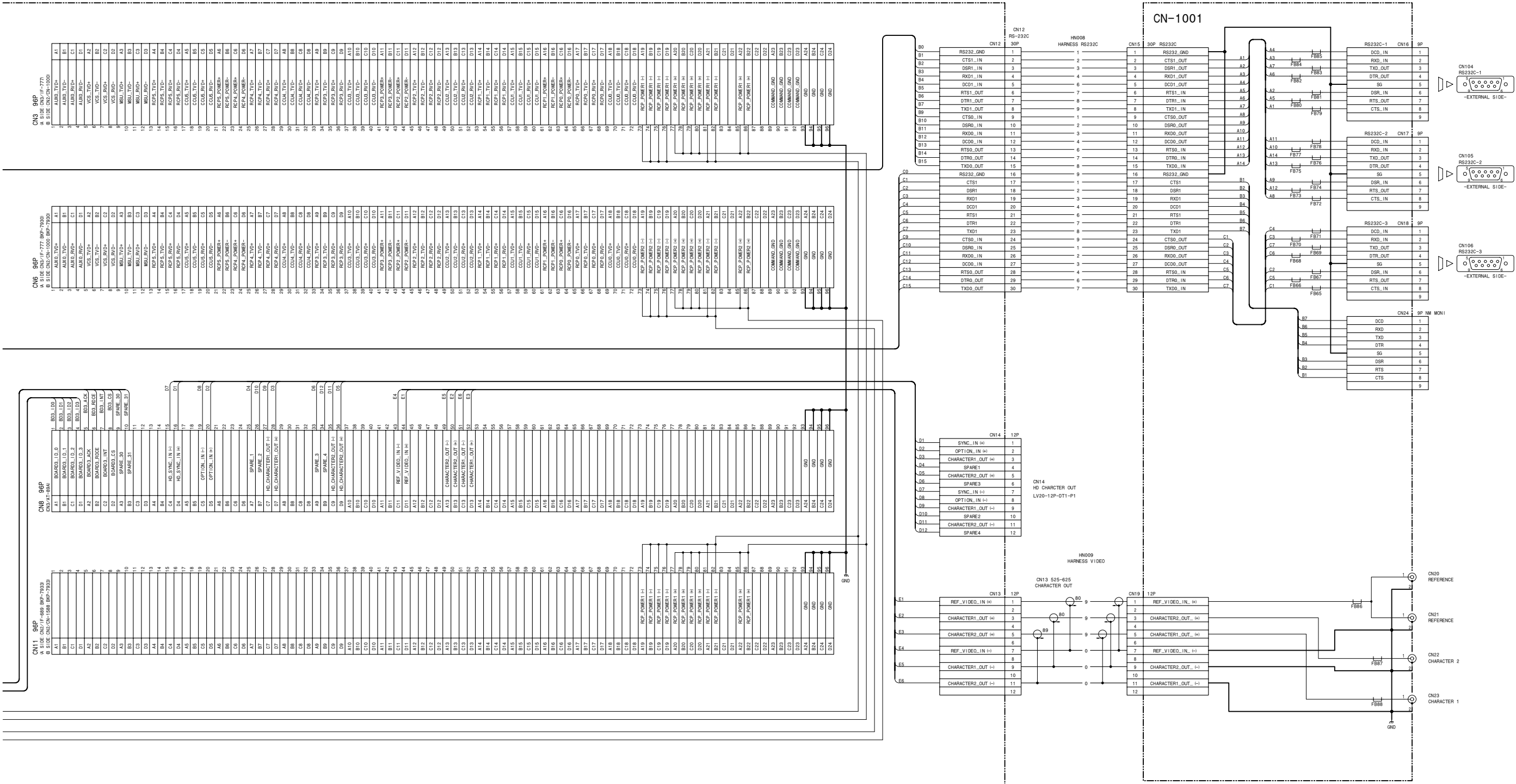
AT-89A (4/4)
SUFFIX: -11



5

CN-1001, MB-562
SUFFIX: -21 SUFFIX: -21, 22





MB-562

BOARD NO. 1-653-626-21, 22
CAX-128PB_MB-562_002_1

CN-1001

BOARD NO. 1-653-629-21
CAX-128PB_CN-1001_001_1

CNU-700 (UC) : 18001 through 18206
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207

CN-1001, MB-562
SUFFIX: -11 SUFFIX: -11

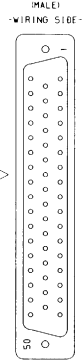
CN-1001, MB-562
SUFFIX: -11 SUFFIX: -11

MB-562

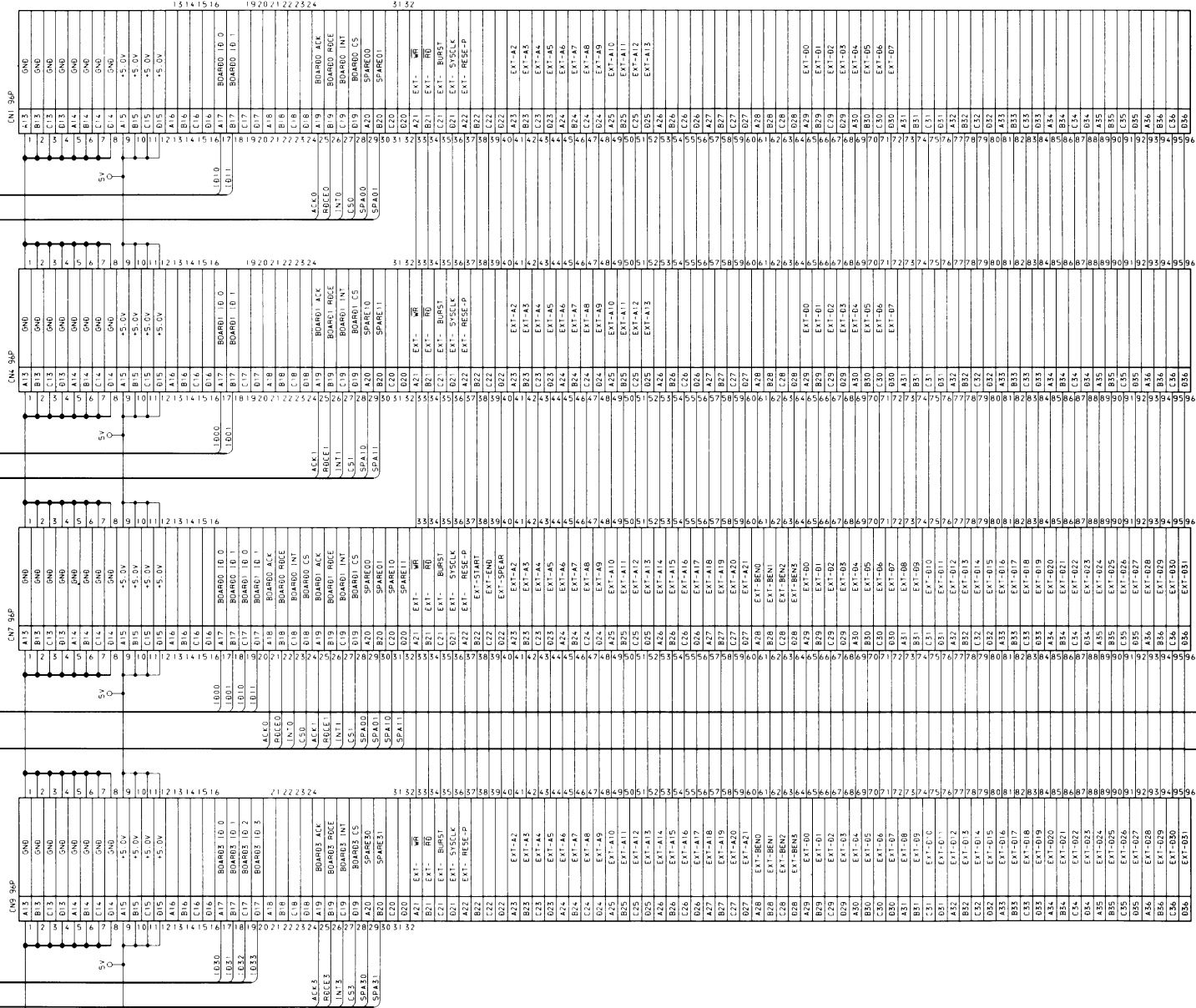
IF-777

IF-777
BKP-7930
(OPTION)

AT-89A



CN15 S0P POWER	
1	1
34	18
18	2
2	35
35	19
19	3
3	56
56	20
20	4
4	57
57	21
21	5
5	58
58	22
22	6
6	59
59	23
23	40
40	24
24	8
8	41
41	25
25	9
9	42
42	26
26	10
10	43
43	27
27	11
11	44
44	28
28	12
12	45
45	29
29	13
13	46
46	30
30	14
14	47
47	31
31	15
15	48
48	16
16	49
49	55
55	17
17	50
50	



CN2 24P	
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24

CN5 24P	
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24

CN10 24P	
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
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17	17
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22	22
23	23
24	24



CN-1002A, LED-223
SUFFIX: -21 SUFFIX: -21

1

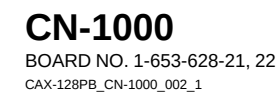


3

4

5

CN-999, CN-1000
SUFFIX: -21 SUFFIX: -21, 22



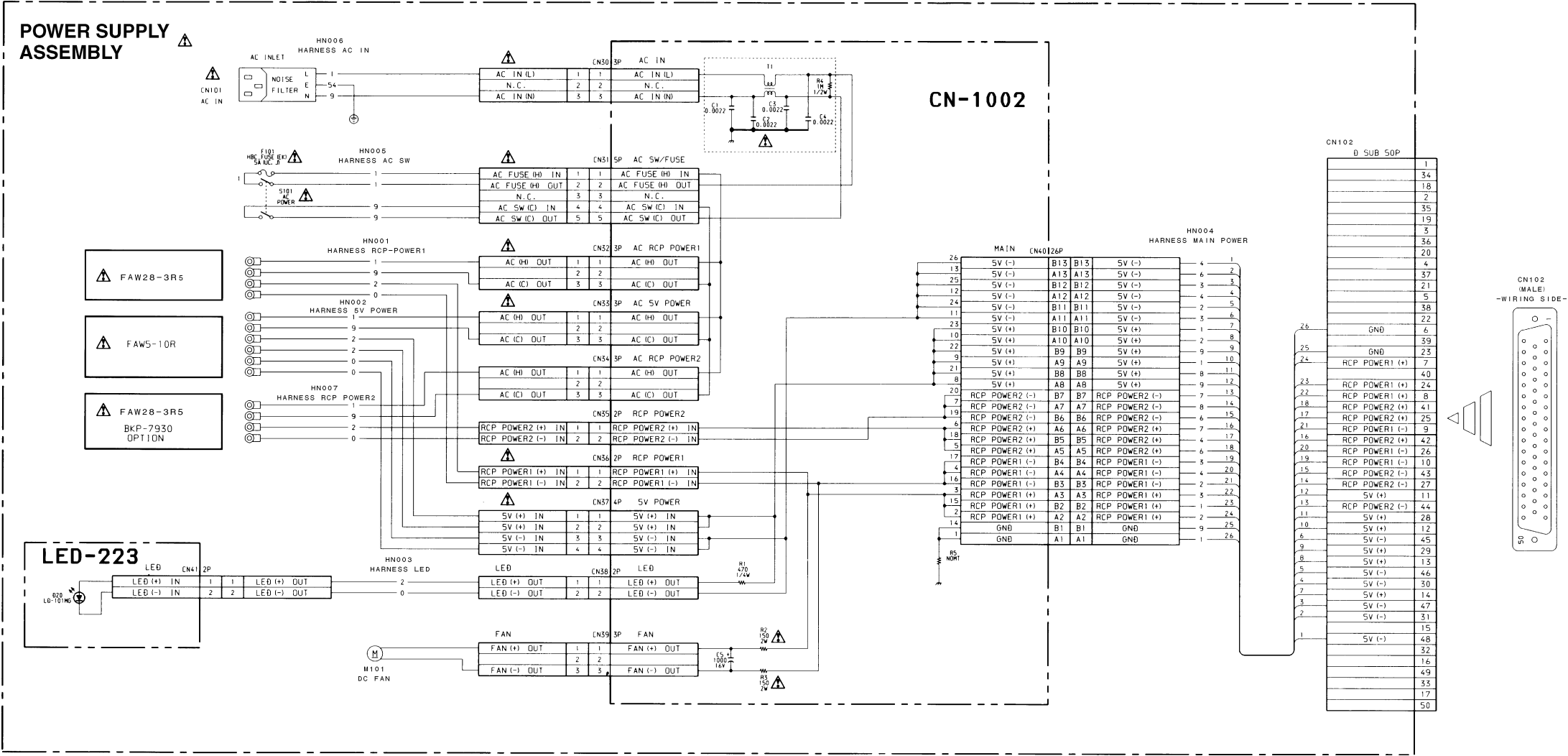
CN-1002A, LED-223
SUFFIX: -14 SUFFIX: -13



CN-999, CN-1000
SUFFIX: -11 SUFFIX: -13



CNU-700 (UC) : 18001 through 18030
CNU-700 (J) : 38001 through 38010
CNU-700 (CE) : 48001 through 48015



CN-1002
BOARD NO. 1-653-630-14

LED-223
BOARD NO. 1-653-623-13

Section 7

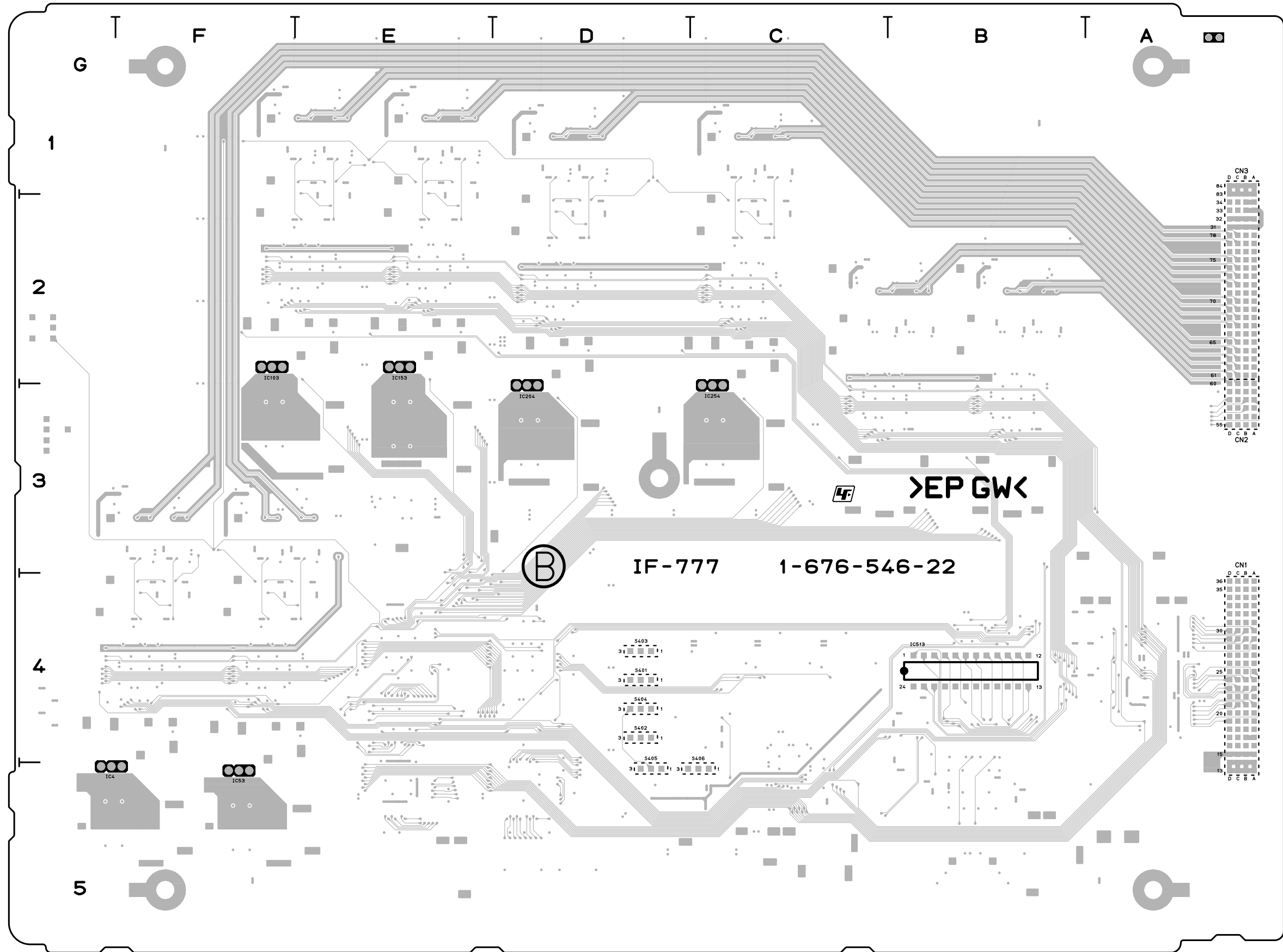
Board Layouts

IF-777
SUFFIX: -22

C1	F3	C303	C2	E506	D3
C2	F3	C304	B2		
C3	F3	C305	C2	IC1	F3
C4	F3	C306	C2	IC2	F4
C5	F3	C307	C2	IC3	F4
C6	G3	C308	B3	IC4	G5
C7	F4	C309	B3	IC5	F5
C8	F4	C351	B2	IC6	F4
C9	G4	C352	B2	IC50	F3
C10	G4	C353	B2	IC51	F4
C11	G4	C354	B2	IC52	E4
C12	G4	C355	B2	IC53	F5
C13	G4	C356	B2	IC54	E5
C14	G4	C357	B2	IC55	F4
C15	F4	C358	B3	IC100	E1
C16	F4	C359	B3	IC101	E2
C50	F3	C401	C5	IC102	E2
C51	E3	C402	D5	IC103	F2
C52	F3	C403	D4	IC104	E2
C53	F3	C404	D4	IC105	E2
C54	F3	C405	C4	IC150	E1
C55	F3	C406	C4	IC151	E2
C56	F4	C407	C4	IC152	E2
C57	E4	C408	C4	IC153	E2
C58	F4	C409	C4	IC154	E2
C59	F4	C410	C4	IC155	E2
C60	F4	C411	C4	IC201	D1
C61	F4	C412	C4	IC202	D2
C62	E4	C413	C4	IC203	D2
C63	F4	C414	C4	IC204	D3
C64	F4	C415	C4	IC205	D3
C65	F4	C416	C4	IC206	D2
C100	E1	C417	D4	IC251	C1
C101	E1	C418	C4	IC252	C2
C102	F1	C419	C4	IC253	C2
C103	E1	C420	C4	IC254	C3
C104	F1	C421	C4	IC255	C3
C105	F1	C422	C4	IC256	C2
C106	E1	C423	C5	IC301	B2
C107	E1	C424	C5	IC302	C3
C108	F2	C425	C5	IC303	C3
C109	F2	C426	E3	IC351	B2
C110	F2	C427	E3	IC352	B3
C111	F2	C428	E3	IC353	B3
C112	E2	C429	E3	IC401	D5
C113	F2	C501	E4	IC402	C4
C114	E2	C502	E5	IC403	C4
C115	E2	C503	D4	IC404	C4
C150	E1	C504	E5	IC405	C4
C151	E1	C505	E5	IC406	C5
C152	E1	C506	B4	IC407	C5
C153	E1	C507	B5	IC408	E3
C154	E1	C508	B5	IC501	E4
C155	E1	C509	B5	IC502	E5
C156	E1	C510	B5	IC503	D4
C157	E1	C511	A4	IC504	D5
C158	E2	C512	B4	IC505	B5
C159	E2	C513	B4	IC507	B5
C160	E2	C514	B4	IC510	B4
C161	E2	C515	B4	IC511	B4
C162	E2	C516	B4	IC512	A4
C163	E2	C517	A4	IC513	B4
C164	E2	C518	A4	IC514	A4
C165	E2	C519	A5	IC515	A4
C201	D1	C520	A4	IC516	A4
C202	D1	C521	A5	IC517	A4
C203	D1	C522	A4	IC518	A4
C204	D1	C523	A4	IC519	A4
C205	D1	C524	A4		
C206	D1	C525	B5	L1	G3
C207	D2			L2	F5
C208	D2	CN1	A4	L50	F3
C209	D2	CN2	A3	L51	E5
C210	D2	CN3	A2	L100	F1
C211	D2	CN501	B5	L101	E3
C212	D2			L150	E1
C213	D2	D1	F4	L151	E3
C214	D2	D2	F4	L201	D1
C215	D2	D50	F4	L202	D3
C216	D2	D51	F4	L251	C1
C251	C1	D52	F3	L252	C3
C252	C1	D100	E2	L301	C2
C253	C1	D101	F2	L302	C3
C254	C1	D150	E2	L351	B2
C255	C1	D151	E2	L352	B3
C256	C1	D152	E1	L401	C5
C257	C2	D201	D2	L402	C5
C258	C2	D202	D2	L403	E3
C259	C2	D251	C2	L501	E5
C260	C2	D252	C2	L	

IF-777 -A SIDE-SUFFIX: -22

PH100	E1	R160	E1	R408	C4	S406	C5
PH101	E1	R161	E1	R409	C4	S801	G2
PH150	E1	R162	E1	R410	C4	S901	D5
PH151	E1	R163	E2	R411	C4	S902	G3
PH201	D1	R164	E2	R412	C5		
PH202	D1	R165	E2	R413	E3	THP501	A5
PH251	C1	R166	E2	R414	E3		
PH252	C1	R167	E2	R415	E3	TP1	F3
PH301	C2	R168	E2	R416	E3	TP2	F3
PH302	B2	R169	E2	R417	E3	TP3	F3
PH351	B2	R170	E3	R418	E3	TP4	F3
PH352	B2	R171	E3	R419	E3	TP50	F3
		R172	E3	R420	C4	TP51	F3
R1	F3	R173	E2	R421	C4	TP52	F3
R2	F3	R174	E2	R422	C4	TP53	E3
R3	F3	R201	D1	R423	C4	TP100	F1
R4	F3	R202	D1	R424	C4	TP101	E1
R5	F3	R203	D1	R425	C4	TP102	E1
R6	F3	R204	D1	R426	C4	TP103	E1
R7	F3	R205	D1	R427	C4	TP150	E1
R8	F3	R206	D1	R428	C4	TP151	E1
R9	F3	R207	D1	R429	C4	TP152	E1
R10	F3	R208	D1	R501	B5	TP153	E1
R11	F3	R209	D1	R502	B5	TP201	D1
R12	F3	R210	D1	R503	B5	TP202	D1
R13	F4	R211	D1	R507	B5	TP203	D1
R14	F4	R212	D1	R508	B4	TP204	D1
R15	F4	R213	D2	R509	B4	TP251	C1
R16	F4	R214	D2	R510	B4	TP252	C1
R17	F4	R215	D2	R511	B4	TP253	C1
R18	F5	R216	D2	R512	B4	TP254	C1
R19	F5	R217	D2	R513	B4	TP301	C2
R20	F4	R218	D3	R514	B4	TP302	B2
R21	F5	R219	D2	R515	B4	TP303	B2
R22	F5	R220	D2	R516	B4	TP304	B2
R23	G5	R221	D3	R517	B4	TP351	B2
R24	F4	R222	D3	R518	B4	TP352	B2
R25	F4	R223	D3	R519	B4	TP353	B2
R50	F3	R224	D2	R520	B4	TP354	B2
R51	E3	R225	D2	R521	B5	TP401	C5
R52	F3	R251	C1	R522	B4	TP402	C4
R53	F3	R252	C1	R523	A4	TP403	C4
R54	E3	R253	C1	R524	B4	TP404	C4
R55	E3	R254	C1	R525	B4	TP501	B4
R56	E3	R255	C1	R526	G4		
R57	F3	R256	C1	R527	A4	X401	E3
R58	E3	R257	C1	R528	A4		
R59	F3	R258	C1	R529	G4		
R60	E3	R259	C1				
R61	F3	R260	C1	RB501	E4		
R62	F4	R261	C1	RB502	E4		
R63	F4	R262	C1	RB503	E5		
R64	F4	R263	C2	RB504	E5		
R65	E4	R264	C2	RB505	E4		
R66	E4	R265	C2	RB506	E4		
R67	F5	R266	C2	RB507	E5		
R68	F5	R267	C2	RB508	E5		
R69	E4	R268	C3	RB509	E4		
R70	F5	R269	C2	RB510	E4		
R71	F5	R270	C2	RB511	E4		
R72	F5	R271	C3	RB512	E4		
R73	F4	R272	C3	RB513	D4		
R74	F4	R273	C3	RB514	D5		
R100	E1	R274	C2	RB515	D4		
R101	E1	R275	C2	RB516	D4		
R102	F1	R301	C2	RB517	D5		
R103	F1	R302	B2	RB518	D5		
R104	E1	R303	C2	RB519	D4		
R105	E1	R304	C2	RB520	D4		
R106	E1	R305	B2	RB521	D5		
R107	E1	R306	B2	RB522	D4		
R108	E1	R307	C2	RB523	D5		
R109	E1	R308	B2	RB524	B4		
R110	F1	R309	B2	RB525	B4		
R111	E1	R310	B2	RB526	A4		
R112	F1	R311	C2	RB527	A4		
R113	E2	R312	B2	RB528	A4		
R114	E2	R313	C3	RB529	A4		
R115	E2	R351	B2	RB530	A4		
R116	E2	R352	B2	RB531	A4		
R117	E2	R353	B2	RB532	A4		
R118	E2	R354	B2	RB533	A4		
R119	E2	R355	B2	RB534	A4		
R120	E3	R356	B2	RB535	A4		
R121	E3	R357	B2	RB536	A4		
R122	F3	R358	B2	RB537	A4		
R123	E2	R359	B2	RB538	A4		
R124	E2	R360	B2	RB539	A4		
R150	E1	R361	B2	RB540	A4		
R151	E1	R362	B2	RB541	A4		
R152	E1	R363	B3	RB542	A4		
R153	E1	R401	D5				
R154	E1	R402	D5	S1003	D5		
R155	E1	R403	D5	S401	D4		
R156	E1	R404	D5	S402	D4		
R157	E1	R405	D5	S403	D4		
R158	E1	R406	D5	S404	D4		
R159	E1	R407	D5	S405	D5		



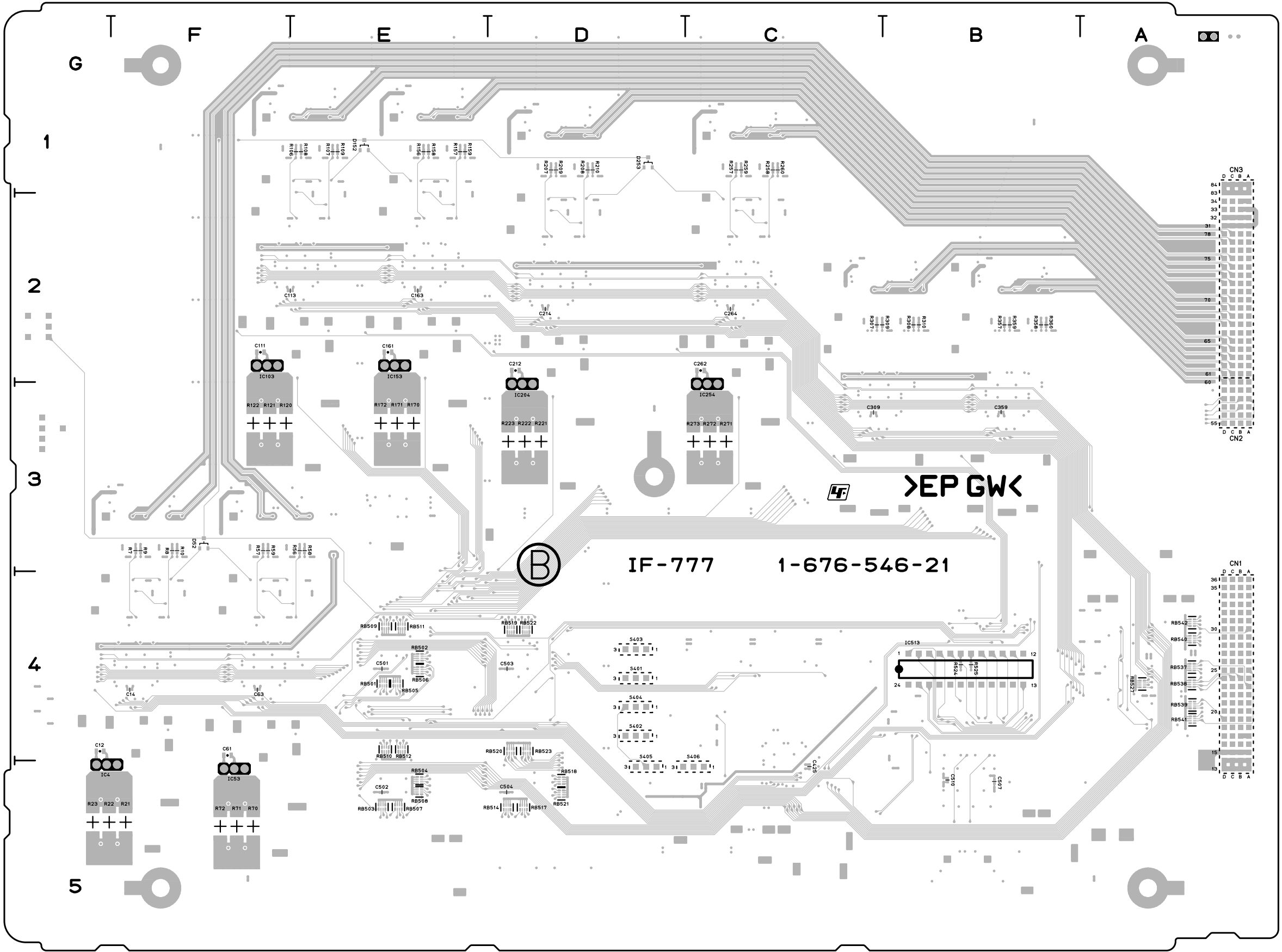
IF-777
SUFFIX: -21

C1	F3	C303	C2	E506	D3
C2	F3	C304	B2		
C3	F3	C305	C2	IC1	F3
C4	F3	C306	C2	IC2	F4
C5	F3	C307	C2	IC3	F4
C6	G3	C308	B3	IC4	G5
C7	F4	C309	*C3	IC5	F5
C8	F4	C351	B2	IC6	F4
C9	G4	C352	B2	IC50	F3
C10	G4	C353	B2	IC51	F4
C11	G4	C354	B2	IC52	F4
C12	*G4	C355	B2	IC53	F5
C13	F4	C356	B2	IC54	E5
C14	*F4	C357	B2	IC55	F4
C15	F4	C358	B3	IC100	E1
C16	F4	C359	*B3	IC101	E2
C50	F3	C401	C5	IC102	E2
C51	E3	C402	D5	IC103	F2
C52	F3	C403	D4	IC104	E2
C53	F3	C404	D4	IC105	E2
C54	F3	C405	C4	IC150	E1
C55	F3	C406	C4	IC151	E2
C56	F4	C407	C4	IC152	E2
C57	E4	C408	C4	IC153	E2
C58	F4	C409	C4	IC154	E2
C59	F4	C410	C4	IC155	E2
C60	F4	C411	C4	IC201	D1
C61	*F4	C412	C4	IC202	D2
C62	E4	C413	C4	IC203	D2
C63	*F4	C414	C4	IC204	D3
C64	F4	C415	C4	IC205	D3
C65	F4	C416	C4	IC206	D2
C100	E1	C417	D4	IC251	C1
C101	E1	C418	C4	IC252	C2
C102	F1	C419	C4	IC253	C2
C103	E1	C420	C4	IC254	C3
C104	F1	C421	C4	IC255	C3
C105	F1	C422	C4	IC256	C2
C106	E1	C423	C5	IC301	B2
C107	E1	C424	C5	IC302	C3
C108	F2	C425	*C5	IC303	C3
C109	F2	C426	E3	IC351	B2
C110	F2	C427	E3	IC352	B3
C111	*F2	C428	E3	IC353	B3
C112	E2	C429	E3	IC401	D5
C113	*E2	C501	*E4	IC402	C4
C114	E2	C502	*E5	IC403	C4
C115	E2	C503	*D4	IC404	C4
C150	E1	C504	*D5	IC405	C4
C151	E1	C505	E5	IC406	C5
C152	E1	C506	B4	IC407	C5
C153	E1	C507	*B5	IC408	E3
C154	E1	C508	B5	IC501	E4
C155	E1	C509	B5	IC502	E5
C156	E1	C510	*B5	IC503	D4
C157	E1	C511	A4	IC504	D5
C158	E2	C512	B4	IC505	B5
C159	E2	C513	B4	IC507	B5
C160	E2	C514	A4	IC510	B4
C161	*E2	C515	A4	IC511	B4
C162	E2	C516	A4	IC512	A4
C163	*E2	C517	A4	IC513	B4
C164	E2	C518	A4	IC514	A4
C165	E2	C519	A5	IC515	A4
C201	D1	C520	A4	IC516	A4
C202	D1	C521	A5	IC517	A4
C203	D1	C522	A4	IC518	A4
C204	D1	C523	A4	IC519	A4
C205	D1	C524	A4		
C206	D1	C525	B5		
C207	D2		L1		G3
C208	D2		L2		F5
C209	D2	CN1	A4	L50	F3
C210	D2	CN2	A3	L51	F5
C211	D2	CN3	A2	L100	F1
C212	D2	CN501	B5	L101	E3
C213	*D2			L150	E1
C214	D2	D1	F4	L151	E3
C215	*D2	D2	F4	L201	D1
C216	D2	D50	F4	L202	D3
C217	D2	D51	F4	L251	C1
C251	C1	D52	*F3	L252	C3
C252	C1	D100	E2	L301	C2
C253	C1	D101	F2	L302	C3
C254	C1	D150	E2	L351	B2
C255	C1	D151	E2	L352	B3
C256	C1	D152	*E1	L401	C5
C257	C2	D201	D2	L402	C5
C258	C2	D202	D2	L403	B3
C259	C2	D251			

IF-777 -A SIDE-SUFFIX: -21

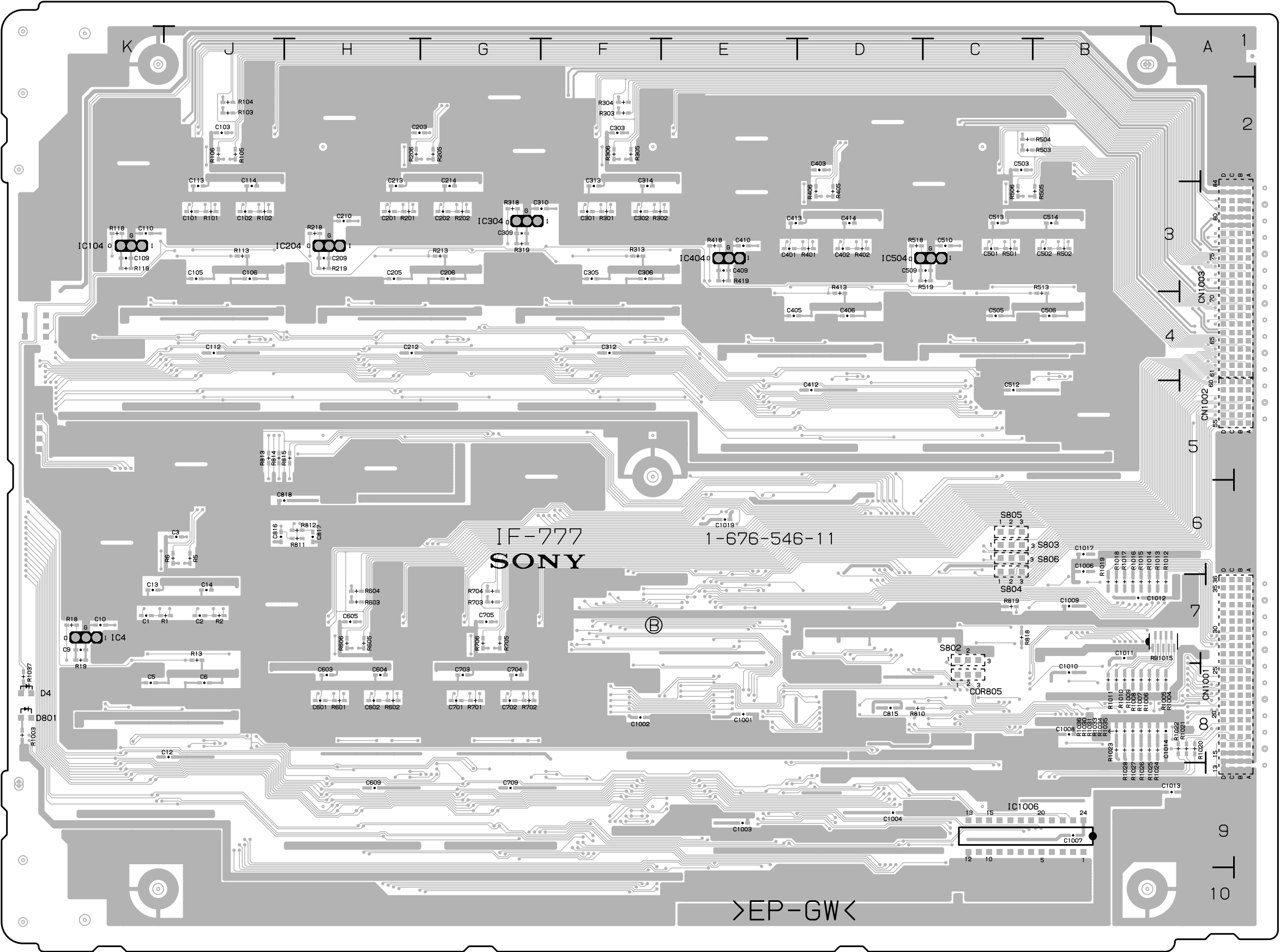
CNU-700

PH100	E1	R160	E1	R408	C4	S406	C5
PH101	E1	R161	E1	R409	C4	S501	G3
PH150	E1	R162	E1	R410	C4	S502	D5
PH151	E1	R163	E2	R411	C4	S503	D5
PH201	D1	R164	E2	R412	C5	S504	G2
PH202	D1	R165	E2	R413	E3		
PH251	C1	R166	E2	R414	E3	THP501	A5
PH252	C1	R167	E2	R415	E3		
PH301	C2	R168	E2	R416	E3	TP1	F3
PH302	B2	R169	E2	R417	E3	TP2	F3
PH351	B2	R170	*E3	R418	E3	TP3	F3
PH352	B2	R171	*E3	R419	E3	TP4	F3
		R172	*E3	R420	C4	TP50	F3
R1	F3	R173	E2	R421	C4	TP51	F3
R2	F3	R174	E2	R422	C4	TP52	F3
R3	F3	R201	D1	R423	C4	TP53	E3
R4	F3	R202	D1	R424	C4	TP100	F1
R5	F3	R203	D1	R425	C4	TP101	E1
R6	F3	R204	D1	R426	C4	TP102	E1
R7	*F3	R205	D1	R427	C4	TP103	E1
R8	*F3	R206	D1	R428	C4	TP150	E1
R9	*F3	R207	*D1	R429	C4	TP151	E1
R10	*F3	R208	*D1	R501	B5	TP152	E1
R11	F3	R209	*D1	R502	B5	TP153	E1
R12	F3	R210	*D1	R503	B5	TP201	D1
R13	F4	R211	D1	R507	B5	TP202	D1
R14	F4	R212	D1	R508	B4	TP203	D1
R15	F4	R213	D2	R509	B4	TP204	D1
R16	F4	R214	D2	R510	B4	TP251	C1
R17	F4	R215	D2	R511	B4	TP252	C1
R18	F5	R216	D2	R512	B4	TP253	C1
R19	F5	R217	D2	R513	B4	TP254	C1
R20	F4	R218	D3	R514	B4	TP301	C2
R21	*F5	R219	D2	R515	B4	TP302	B2
R22	*G5	R220	D2	R516	B4	TP303	B2
R23	*G5	R221	*D3	R517	B4	TP304	B2
R24	F4	R222	*D3	R518	B4	TP351	B2
R25	F4	R223	*D3	R519	B4	TP352	B2
R50	F3	R224	D2	R520	B4	TP353	B2
R51	E3	R225	D2	R521	B5	TP354	B2
R52	F3	R251	C1	R522	B4	TP401	C5
R53	F3	R252	C1	R523	A4	TP402	C4
R54	E3	R253	C1	R524	*B4	TP403	C4
R55	E3	R254	C1	R525	*B4	TP404	C4
R56	*E3	R255	C1	R526	G4	TP501	B4
R57	*F3	R256	C1	R527	A4		
R58	*E3	R257	*C1	R528	A4	X401	E3
R59	*F3	R258	*C1	R529	G4		
R60	E3	R259	*C1			*:B SIDE	
R61	F3	R260	*C1	RB501	*E4		
R62	F4	R261	C1	RB502	*E4		
R63	F4	R262	C1	RB503	*E5		
R64	F4	R263	C2	RB504	*E5		
R65	E4	R264	C2	RB505	*E4		
R66	E4	R265	C2	RB506	*E4		
R67	F5	R266	C2	RB507	*E5		
R68	F5	R267	C2	RB508	*E5		
R69	E4	R268	C3	RB509	*E4		
R70	*F5	R269	C2	RB510	*E4		
R71	*F5	R270	C2	RB511	*E4		
R72	*F5	R271	*C3	RB512	*E4		
R73	F4	R272	*C3	RB513	D4		
R74	F4	R273	*C3	RB514	*D5		
R100	E1	R274	C2	RB515	E4		
R101	E1	R275	C2	RB516	D4		
R102	F1	R301	C2	RB517	*D5		
R103	F1	R302	B2	RB518	*D5		
R104	E1	R303	C2	RB519	*D4		
R105	E1	R304	C2	RB520	*D4		
R106	*E1	R305	B2	RB521	*D5		
R107	*E1	R306	B2	RB522	*D4		
R108	*E1	R307	*C2	RB523	*D4		
R109	*E1	R308	*B2	RB524	B4		
R110	F1	R309	*C2	RB525	B4		
R111	E1	R310	*B2	RB526	A4		
R112	F1	R311	C2	RB527	*A4		
R113	E2	R312	B2	RB528	A4		
R114	E2	R313	B3	RB529	A4		
R115	E2	R351	B2	RB530	A4		
R116	E2	R352	B2	RB531	A4		
R117	E2	R353	B2	RB532	A4		
R118	E2	R354	B2	RB533	A4		
R119	E2	R355	B2	RB534	A4		
R120	*F3	R356	B2	RB535	A4		
R121	*F3	R357	*B2	RB536	A4		
R122	*F3	R358	*B2	RB537	*A4		
R123	E2	R359	*B2	RB538	*A4		
R124	E2	R360	*B2	RB539	*A4		
R150	E1	R361	B2	RB540	*A4		
R151	E1	R362	B2	RB541	*A4		
R152	E1	R363	B3	RB542	*A4		
R153	E1	R401	D5				
R154	E1	R402	D5	S401	D4		
R155	E1	R403	D5	S402	D4		
R156	*E1	R404	D5	S403	D4		
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R158	*E1	R406	D5	S405	D5		
R159	*E1	R407	D5				



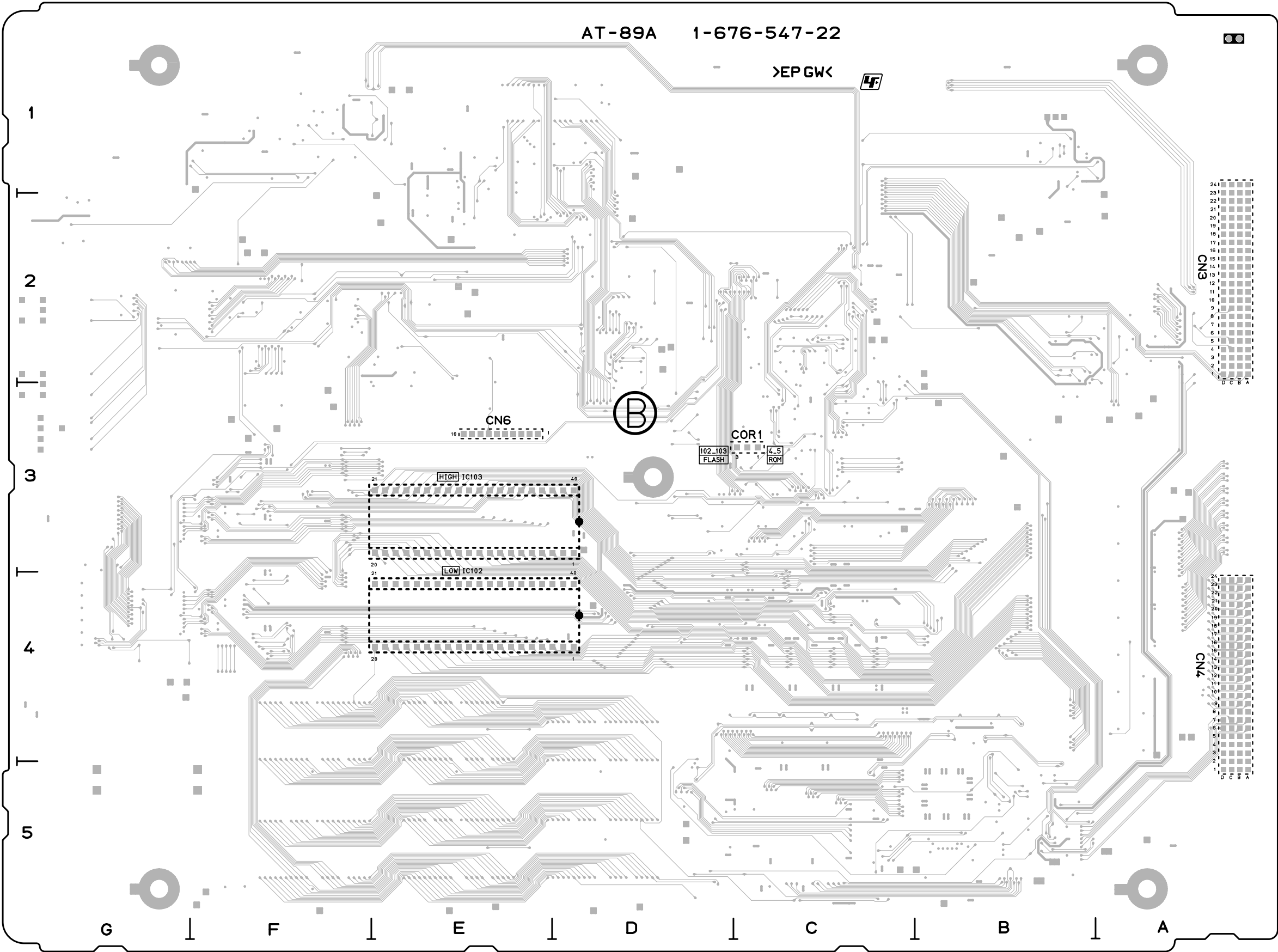
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R12	J7	R410	D3	R1013	*A7
R13	*J7	R411	E3	R1014	*B7
R14	J8	R412	D3	R1015	*B7
R15	K8	R413	*D4	R1016	*B7
R16	J8	R414	D4	R1017	*B7
R17	J8	R415	D4	R1018	*B7
R18	*K7	R416	D4	R1019	*B7
R19	*K7	R417	D4	R1020	*A8
R20	K6	R418	*E3	R1021	*A8
R21	K6	R419	*E3	R1022	*A8
R22	K6	R420	E2	R1023	*B8
R23	J9	R421	E2	R1024	*A8
R24	K8	R422	E2	R1025	*B8
R25	K8	R423	D5	R1026	*B8
R101	*J3	R424	E4	R1027	*B8
R102	*J3	R425	E4	R1028	*B8
R103	*J2	R501	*C3	R1029	A8
R104	*J2	R502	*B3	R1030	*B8
R105	*J2	R503	*C2	R1031	*B8
R106	*J2	R504	*C2	R1032	A8
R107	J2	R505	*B3	R1033	*B8
R108	J2	R506	*C3	R1034	*B8
R109	J2	R507	C3	R1035	*A8
R110	J2	R508	B3	R1036	*B8
R111	J2	R509	C3	R1037	*K8
R112	J2	R510	B3	R1038	C9
R113	*J3	R511	C3	R1039	C9
R114	J4	R512	B3	R1040	E9
R115	J4	R513	*B4		
R116	J4	R514	C4	RB1001	E8
R117	J4	R515	C4	RB1002	F8
R118	*K3	R516	B4	RB1003	E8
R119	*K3	R517	B4	RB1004	E8
R120	J2	R518	*D3	RB1005	E7
R121	K2	R519	*C3	RB1006	F7
R122	K2	R520	C2	RB1008	D9
R123	J5	R521	C2	RB1009	E9
R124	K4	R522	D2	RB1010	D9
R125	K4	R523	C5	RB1011	E8
R201	*H3	R524	C4	RB1012	C9
R202	*G3	R525	C4	RB1013	C8
R203	G2	R601	*H8	RB1014	B7
R204	H2	R602	*H8	RB1015*	A7
R205	*G2	R603	*H7	RB1016	B6
R206	*H2	R604	*H7		
R207	H2	R605	*H7	S801	K4
R208	G2	R606	*H7	S802	C7
R209	H2	R607	H8	S803	C6
R210	G2	R608	H8	S804	C6
R211	H2	R609	H8	S805	C6
R212	G2	R610	H8	S806	C6
R213	*G3	R611	H8	S901	D10
R214	H4	R612	H8	S902	K5
R215	H4	R613	H9	S1003	D10
R216	G4	R701	*G8		
R217	G4	R702	*G8	THP1	A9
R218	*H3	R703	*G7		
R219	*H3	R704	*G7	TP1	K7
R220	H2	R705	*G7	TP2	J7
R221	H2	R706	*G7	TP3	J7
R222	H2	R707	G8	TP4	J7
R223	H5	R708	G8	TP101	J3
R224	H4	R709	G8	TP102	J3
R225	H4	R710	G8	TP103	J3
R301	*F3	R711	G8	TP104	J3
R302	*F3	R712	G8	TP201	H3
R303	*F2	R713	G9	TP202	H3
R304	*F2	R801	C7	TP203	G3
R305	*F2	R802	C7	TP204	G3
R306	*F2	R803	C7	TP301	F3
R307	F2	R804	C7	TP302	F3
R308	F2	R805	C8	TP303	F3
R309	F2	R806	D7	TP304	F3
R310	F2	R807	C7	TP401	E3
R311	F2	R808	D7	TP402	D3
R312	F2	R809	D8	TP403	D3
R313	*F3	R810	*D8	TP404	D3
R314	F4	R811	*H6	TP501	C3
R315	F4	R812	*H6	TP502	C3
R316	E4	R813	*J5	TP503	B3
R317	F4	R814	*J5	TP504	B3
R318	*G3	R815	*H5	TP601	H8
R319	*G3	R816	J6	TP602	H8
R320	F2	R817	J6	TP603	H8
R321	G2	R818	*C7	TP604	H8
R322	G2	R819	*C7	TP701	G8
R323	F5	R1001	E9	TP702	G8
R324	G4	R1002	B8	TP703	G8
R325	G4	R1003	*K8	TP704	G8
R401	*D3	R1004	*A8	TP801	D8
R402	*D3	R1005	*A8	TP802	C7
R403	D2	R1006	*B8	TP803	D7
R404	D2	R1007	*B8	TP804	D7
R405	*D3	R1008	*B8		
R406	*D3	R1009	*B8	X1	H6
R407	D3	R1010	*B8		

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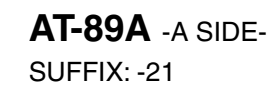




L6	C4	R212	A2	R347	G2
L7	C3	R213	F1	R348	G2
L8	B3	R214	F1	R349	G3
L9	C2	R215	E1	R350	G3
L101	D3	R216	E1	R351	G3
L102	G4	R218	F1	R352	G3
L103	F5	R219	F1	R353	G3
L104	D5	R220	F1		
L105	E5	R221	E1	RB101	F3
L106	F3	R222	D1	RB102	F3
L201	B2	R223	D1	RB103	F3
L202	B2	R224	F1	RB104	F3
L203	A5	R225	F1	RB105	F4
L204	B3	R226	D1	RB106	F4
L205	E1	R227	F1	RB107	F4
L206	D1	R228	F1	RB108	F4
L207	F1	R229	E2	RB109	G4
L208	B2	R230	G2	RB110	G4
L209	B2	R231	G2	RB111	G4
L210	E2	R232	B1	RB112	G4
L301	F3	R233	B1	RB113	G4
L302	E2	R234	B1	RB114	G4
L303	F2	R235	B1	RB115	C4
L304	D2	R236	F1	RB116	C4
L305	A3	R237	F1	RB201	D1
L306	A4	R238	B1	RB202	D1
L307	A3	R239	B1	RB301	F2
L308	B5	R240	B2	RB302	D2
		R241	B2	RB303	D2
Q101	F5	R242	B1	RB304	F2
Q201	F1	R243	B1	RB305	F2
Q202	E1	R244	F1	RB306	F2
Q203	E2	R245	F1	RB307	F2
Q204	E1	R246	F1	RB308	G2
Q205	E2	R247	F1	RB309	G2
		R248	F1	RB310	G2
R1	B4	R249	B1	RB311	G2
R2	B4	R250	B1	RB312	G2
R3	B5	R251	B1	RB313	G2
R4	B4	R252	B1	RB314	G2
R5	B5	R253	B1	RB315	A2
R6	B5	R254	B1	RB316	G2
R7	B4	R255	E1	RB317	A2
R8	B4	R256	E2	RB318	A2
R9	B4	R257	E1	RB319	A2
R10	B5	R258	E2	RB320	A2
R11	B5	R259	E1	RB321	A2
R12	B5	R260	E2	RB322	A4
R13	B5	R261	E1	RB323	A4
R14	B5	R262	E1	RB324	A4
R15	B5	R263	E2	RB325	A4
R16	B5	R264	E2	RB326	A4
R17	B5	R265	E1	RB327	A4
R18	B5	R301	E3	RB328	A4
R19	B5	R302	E3	RB329	A4
R20	B5	R303	F2	RB330	A4
R21	B5	R304	F2	RB331	A4
R22	B5	R305	F2	RB332	A3
R23	B5	R306	F2	RB333	A3
R24	C5	R307	F2	RB334	A3
R25	C5	R308	E2	RB335	A3
R26	C5	R309	E2	RB336	A3
R27	C5	R310	F2	RB337	A3
R28	C5	R311	F2	RB338	A3
R29	C5	R312	B2	RB339	A3
R30	C5	R313	B3	RB340	A3
R31	C5	R314	B5	RB341	A3
R32	C3	R315	B5	RB342	A3
R33	C3	R316	B5	RB343	A3
R35	C3	R317	B5		
R36	C3	R318	B5	RV1	G2
R37	C3	R319	B5	RV202	B2
R38	C2	R320	B5		
R39	C2	R321	B5	S1	B5
R40	C2	R322	A2	S3	F3
R41	C2	R323	A2	S4	G3
R42	C2	R324	A2	S5	G3
R43	C2	R325	B5	S6	G2
R44	C2	R326	B5	S7	B1
R45	C2	R327	A2	S301	D2
R46	C2	R328	B5		
R47	C2	R329	B5	THP201	B3
R48	C2	R330	B5	THP202	B2
R49	C2	R331	B5	THP203	A5
R101	F5	R332	B5		
R102	F5	R333	B5	TP1	D3
R103	F5	R334	B5	TP200	A1
R104	F5	R335	B5	TP202	A2
R201	B3	R336	A2	TP203	E1
R202	B3	R337	B5		
R203	B3	R338	B5	X1	B4
R204	B2	R339	A2	X201	E1
R205	B2	R340	B5	X202	E2
R206	B3	R341	B5	X301	E3
R207	B3	R342	A2		
R208	B2	R343	B5		
R209	G4	R344	B5		
R210	E1	R345	A2		
R211	F1	R346	G2		

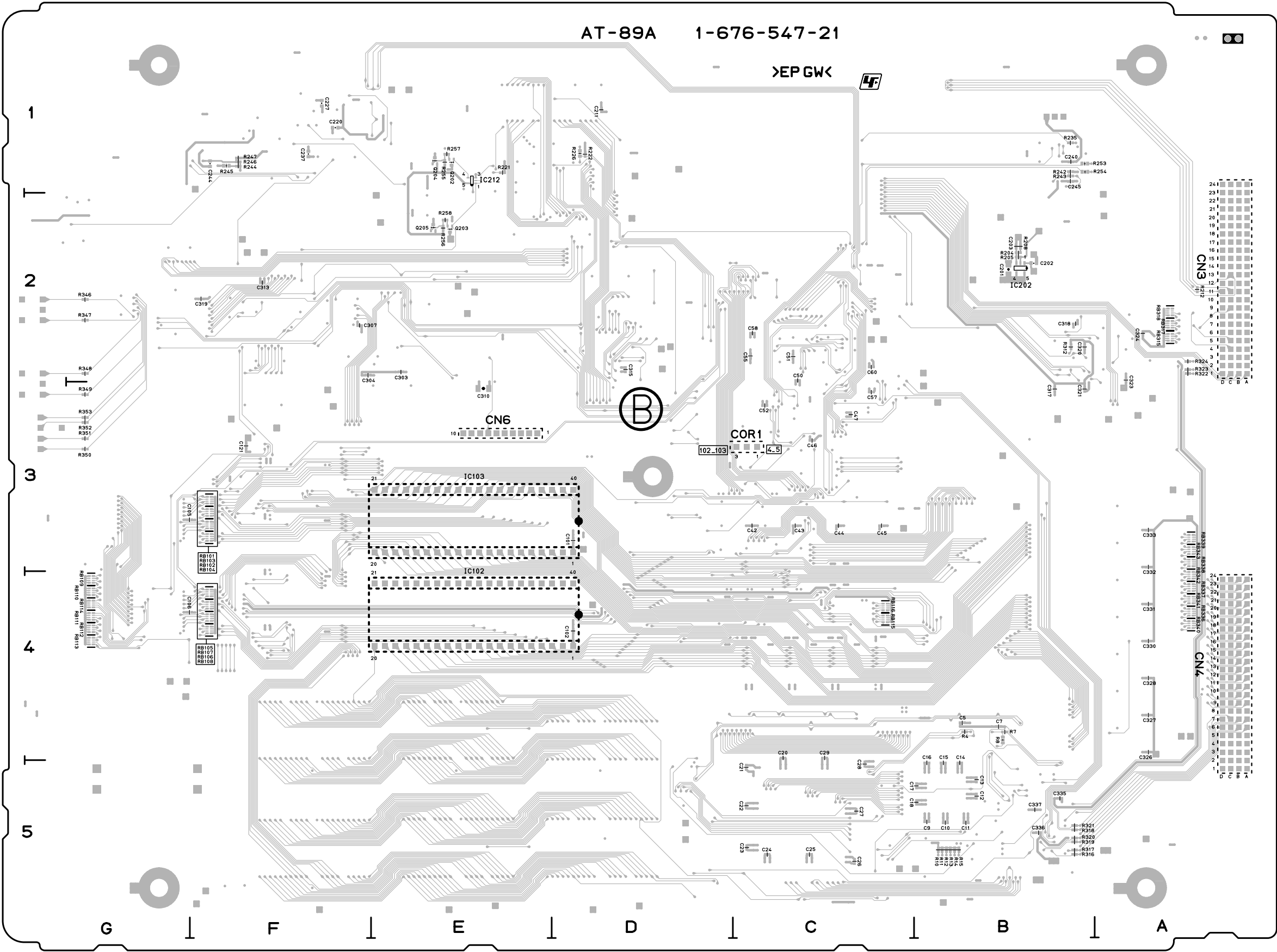


AT-89A -B SIDE-
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L1	B4	R206	B3	R340	B5
L2	B5	R207	B3	R341	B5
L3	C4	R208	*B2	R342	A2
L4	C4	R209	G4	R343	B5
L5	B3	R210	E1	R344	B5
L6	C4	R211	F1	R345	A2
L7	C3	R212	*A2	R346	*G2
L8	B3	R213	F1	R347	*G2
L9	C2	R214	F1	R348	*G2
L101	D3	R215	E1	R349	*G3
L102	G4	R216	E1	R350	*G3
L103	F5	R218	F1	R351	*G3
L104	D5	R219	F1	R352	*G3
L105	E5	R220	F1	R353	*G3
L106	F3	R221	*E1		
L201	B2	R222	*D1	RB101	*F3
L202	B2	R223	D1	RB102	*F3
L203	A5	R224	F1	RB103	*F3
L204	B3	R225	F1	RB104	*F3
L205	E1	R226	*D1	RB105	*F4
L206	D1	R227	F1	RB106	*F4
L207	F1	R228	F1	RB107	*F4
L208	B2	R229	E2	RB108	*F4
L209	B2	R230	G2	RB109	*G4
L210	E2	R231	G2	RB110	*G4
L301	F3	R232	B1	RB111	*G4
L302	E2	R233	B1	RB112	*G4
L303	F2	R234	B1	RB113	*G4
L304	D2	R235	*B1	RB114	*G4
L305	A4	R236	F1	RB115	*C4
L306	A3	R237	F1	RB116	*C4
L307	A3	R238	B1	RB201	D1
L308	B5	R239	B1	RB202	D1
		R240	B2	RB301	F2
Q101	F5	R241	B2	RB302	D2
Q201	F1	R242	*B1	RB303	D2
Q202	*E1	R243	*B1	RB304	F2
Q203	*E2	R244	*F1	RB305	F2
Q204	*E1	R245	*F1	RB306	F2
Q205	*E2	R246	*F1	RB307	F2
		R247	*F1	RB308	G2
R1	B4	R248	F1	RB309	G2
R2	B4	R249	B1	RB310	G2
R3	B5	R250	B1	RB311	G2
R4	*B4	R251	B1	RB312	G2
R5	B5	R252	B1	RB313	G2
R6	B5	R253	*B1	RB314	G2
R7	*B4	R254	*B1	RB315	*A2
R8	*B4	R255	*E1	RB316	G2
R9	B4	R256	*E2	RB317	*A2
R10	*B5	R257	*E1	RB318	*A2
R11	*B5	R258	*E2	RB319	A2
R12	*B5	R259	E1	RB320	A2
R13	*B5	R260	E2	RB321	A2
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R21	B5	R303	F2	RB329	A4
R22	B5	R304	F2	RB330	A4
R23	B5	R305	F2	RB331	A4
R24	C5	R306	F2	RB332	A4
R25	C5	R307	F2	RB333	A3
R26	C5	R308	E2	RB334	A3
R27	C5	R309	E2	RB335	A3
R28	C5	R310	F2	RB336	*A4
R29	C5	R311	F2	RB337	*A4
R30	C5	R312	*B2	RB338	*A3
R31	C5	R313	B3	RB339	*A3
R32	C3	R314	B5	RB340	*A4
R33	C3	R315	B5	RB341	*A4
R35	C3	R316	*B5	RB342	*A4
R36	C3	R317	*B5	RB343	*A3
R37	C3	R318	*B5		
R38	C2	R319	*B5	RV201	G2
R39	C2	R320	*B5	RV202	B2
R40	C2	R321	*B5		
R41	C2	R322	*A2	S1	B5
R42	C2	R323	*A2	S201	B1
R43	C2	R324	*A2	S301	D2
R44	C2	R325	B5	S302	F3
R45	C2	R326	B5	S303	G3
R46	C2	R327	A2	S304	G2
R47	C2	R328	B5	S305	G3
R48	C2	R329	B5		
R49	C2	R330	B5	THP201	B3
R101	F5	R331	B5	THP202	B2
R102	F5	R332	B5	THP203	A5
R103	F5	R333	B5		
R104	F5	R334	B5	TP1	D3
R201	B3	R335	B5		
R202	B3	R336	A2	X1	B4
R203	B3	R337	B5	X201	E1
R204	*B2	R338	B5	X202	E2
R205	*B2	R339	A2	X301	E3

*:B SIDE



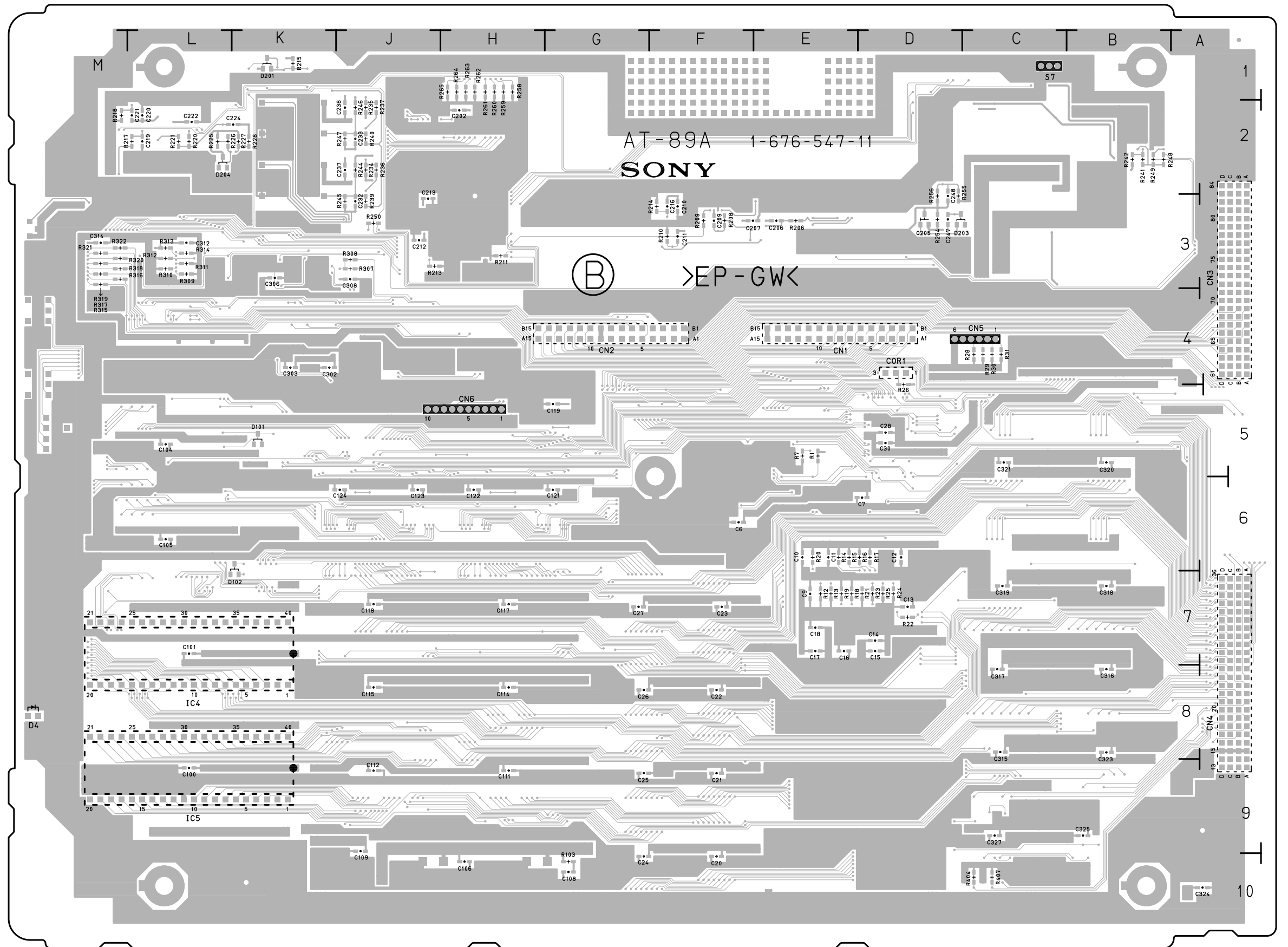
AT-89A -B SIDE-
SUFFIX: -21

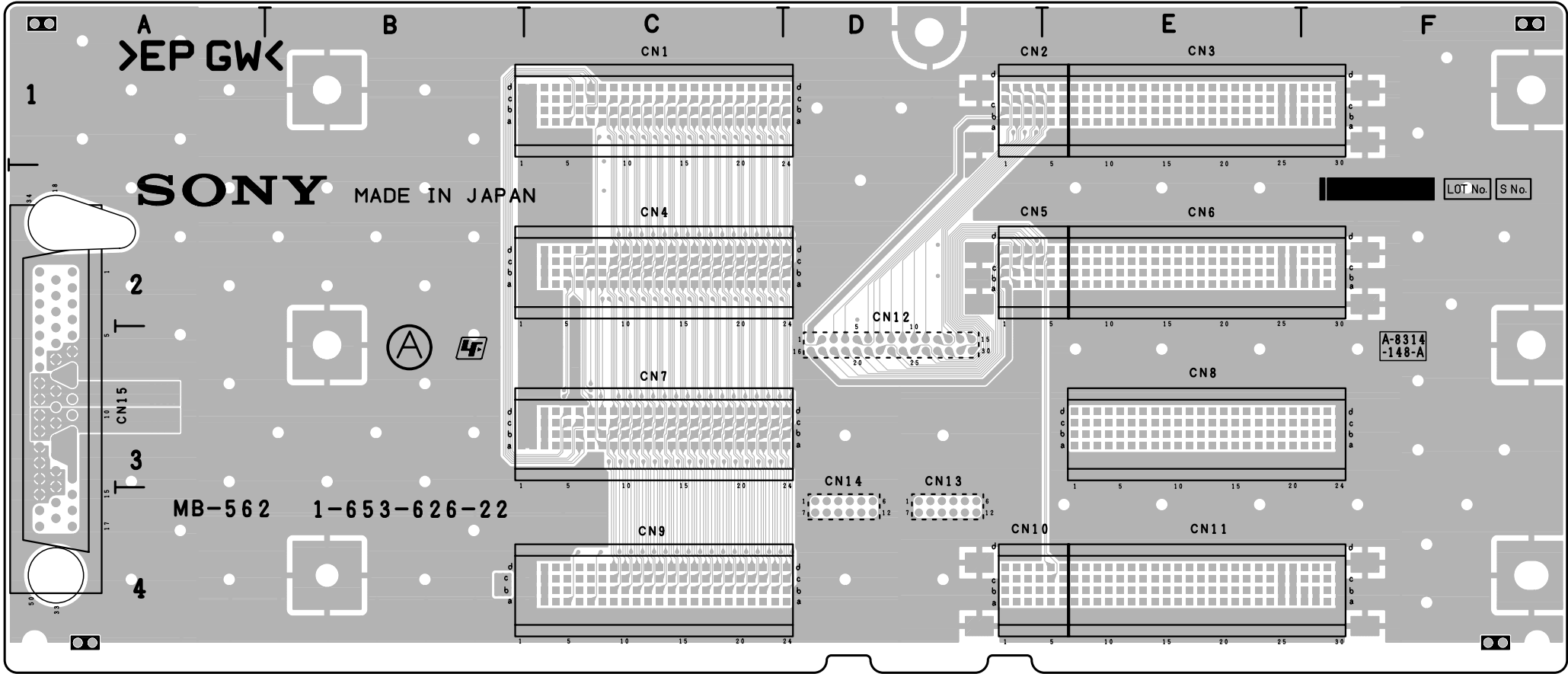
AT-89A
SUFFIX: -11

C1	E6	C243	B3	IC203	E3
C2	E6	C244	B3	IC204	F3
C3	F6	C245	B3	IC205	F3
C4	F6	C246	D3	IC206	L2
C5	F6	C247	*D3	IC207	K2
C6	*F6	C248	*D3	IC208	J3
C7	*D6	C300	J4	IC209	D3
C8	D8	C301	J4	IC210	C2
C9	*E7	C302	*K4	IC212	L2
C10	*E6	C303	*K4	IC213	H3
C11	*E6	C304	K4	IC215	K1
C12	*D6	C305	J3	IC222	B2
C13	*D7	C306	*K3	IC224	C3
C14	*D7	C307	J4	IC300	K4
C15	*D7	C308	*J3	IC301	J3
C16	*E7	C309	J4	IC303	K3
C17	*E7	C310	H4	IC304	K4
C18	*E7	C311	J4	IC307	H4
C19	E9	C312	*L3	IC308	L3
C20	*F10	C313	L3	IC309	M3
C21	*F9	C314	*M3	IC310	C9
C22	*F8	C315	*B8	IC311	B8
C23	*F7	C316	*C8	IC312	C8
C24	*G10	C317	*C8	IC313	B7
C25	*G9	C318	*B7	IC314	C7
C26	*G8	C319	*C7	IC315	B6
C27	*G7	C320	*B5	IC316	C6
C28	*D5	C321	*C5	IC317	B9
C29	C4	C322	C9	IC320	C9
C30	*D5	C323	*B8	IC321	B9
C100	*L9	C324	*A10		
C101	*L7	C325	*B9	L1	F6
C102	K9	C326	A10	L4	C5
C103	K5	C327	*C9	L100	K10
C104	*L5			L101	K5
C105	*L6	CL1	E5	L102	G9
C106	*H10	CL200	G4	L103	G8
C107	H10	CL201	G4	L104	G7
C108	*G10	CL202	G4	L105	G6
C109	*J9			L200	H4
C110	G8	CN1	E4	L201	C2
C111	*H9	CN2	G4	L202	J1
C112	*J9	CN3	A3	L203	C2
C113	G7	CN4	A8	L204	C2
C114	*H8	CN5	C4	L205	B3
C115	*J8	CN6	H5	L206	C3
C116	G7			L300	K4
C117	*H7	COR1	D4	L301	J4
C118	*J7			L302	L3
C119	*G5	D4	M8	L303	C10
C120	G6	D100	K10	L304	A9
C121	*G6	D101	*K5		
C122	*H6	D102	*K6	Q100	K9
C123	*J6	D200	D3	Q200	K1
C124	*J6	D201	*K1	Q201	J3
C125	*J10	D202	B3	Q202	J2
C200	D3	D203	*D3	Q203	J2
C201	D3	D204	*L2	Q204	J2
C202	*H2			Q205	*D3
C203	E2	E300	B10		
C205	E3	E301	A1	R1	*E5
C206	*E3	E302	F6	R4	F6
C207	*F3	E303	M1	R5	E5
C208	E2	E304	A5	R6	F6
C209	*F3	E305	M6	R7	*E5
C210	*F3	E306	M10	R8	E6
C211	*F3	E307	G10	R10	E6
C212	*J3			R11	D6
C213	*J3	IC2	F6	R12	*E7
C214	H2	IC3	D6	R13	*E7
C215	H2	IC4	K8	R14	*E6
C216	*F3	IC5	K9	R15	*E6
C217	K1	IC10	E7	R16	*D6
C218	K1	IC11	F10	R17	*D6
C219	*L2	IC12	F9	R18	*E7
C220	*L2	IC13	F8	R19	*E7
C221	*L2	IC14	F7	R20	*E6
C222	*L2	IC15	F10	R21	*D7
C223	L2	IC16	F9	R22	*D7
C224	*K2	IC17	F8	R23	*D7
C225	H4	IC18	F7	R24	*D7
C226	H4	IC19	D5	R25	*D7
C227	L1	IC100	J9	R26	*D5
C228	K2	IC101	G5	R27	E6
C229	K2	IC102	L6	R28	*C4
C230	J1	IC103	L6	R29	*C4
C231	C2	IC106	G9	R30	*C4
C232	*J3	IC107	J9	R31	*C4
C233	*J2	IC108			

AT-89A -A SIDE-SUFFIX: -11

R206	*E3	R338	B7	S4	M5
R207	F2	R339	C7	S5	M4
R208	*F3	R340	C7	S6	M4
R209	*F3	R341	C7	S7	C1
R210	*F3	R342	C7		
R211	*H3	R343	C7	THP300	A9
R212	J4	R344	C7		
R213	*J3	R345	C7	TP1	G6
R214	*F3	R346	C7	TP200	A2
R215	*K1	R347	B6	TP201	A2
R216	J4	R348	B6		
R217	*L2	R349	B6	X1	H6
R218	*M2	R350	B6	X2	F6
R219	H2	R351	B6	X200	K2
R220	*L2	R352	B6	X201	K2
R221	*L2	R353	B6	X300	J4
R222	D2	R354	B6		
R223	D2	R355	C6	*:B	SIDE
R224	D1	R356	C6		
R225	*L2	R357	C6		
R226	*L2	R358	C6		
R227	*K2	R359	C6		
R228	*K2	R360	C6		
R229	K1	R361	C6		
R230	C2	R362	B5		
R231	B2	R363	B5		
R232	C1	R364	B5		
R233	C2	R365	B5		
R234	*J2	R366	B5		
R235	*J2	R367	B5		
R236	*J2	R368	B5		
R237	*J2	R369	B5		
R238	B2	R370	C5		
R239	*J3	R371	C5		
R240	*J2	R372	C5		
R241	*B2	R373	C5		
R242	*B2	R374	C5		
R243	B2	R375	C5		
R244	*J2	R376	C5		
R245	*J3	R377	C5		
R246	*J2	R378	C6		
R247	*J2	R379	C10		
R248	*B2	R380	M8		
R249	*B2	R381	C10		
R250	*J3	R382	C9		
R251	C2	R383	C9		
R252	C3	R384	A8		
R253	C3	R385	C10		
R254	*D3	R386	C10		
R255	*D3	R387	A8		
R256	*D3	R388	B10		
R257	G4	R389	B10		
R258	*H1	R390	A5		
R259	*H1	R391	C9		
R260	*H1	R392	C10		
R261	*H1	R393	A4		
R262	*H1	R394	B8		
R263	*H1	R395	B8		
R264	*H1	R396	B8		
R265	*H1	R397	B8		
R300	J4	R398	B9		
R301	J4	R399	B9		
R302	K4	R400	A8		
R303	K5	R401	A8		
R304	K5	R402	A5		
R305	K5	R403	C9		
R306	K5	R404	*C10		
R307	*J3	R405	B10		
R308	*J3	R406	C9		
R309	*L3	R407	*C10		
R310	*L3	R408	B10		
R311	*L3	R409	C9		
R312	*L3	R410	C10		
R313	*L3	R411	A4		
R314	*L3				
R315	*M3	RB100	L8		
R316	*M3	RB101	K8		
R317	*M3	RB102	L9		
R318	*M3	RB103	K9		
R319	*M3	RB104	M7		
R320	*M3	RB105	L7		
R321	*M3	RB106	K7		
R322	*M3	RB107	K7		
R323	C8	RB300	L4		
R324	C8	RB301	K4		
R325	C8	RB302	M4		
R326	C8	RB303	L4		
R327	C8	RB304	L4		
R328	C8	RB305	B6		
R329	C8	RB306	C6		
R330	C8	RB307	B5		
R331	B7	RB308	C5		
R332	B7				
R333	B7	RV1	M3		
R334	B7	RV201	B2		
R335	B7				
R336	B7	S1	E5		
R337	B7	S3	L4		





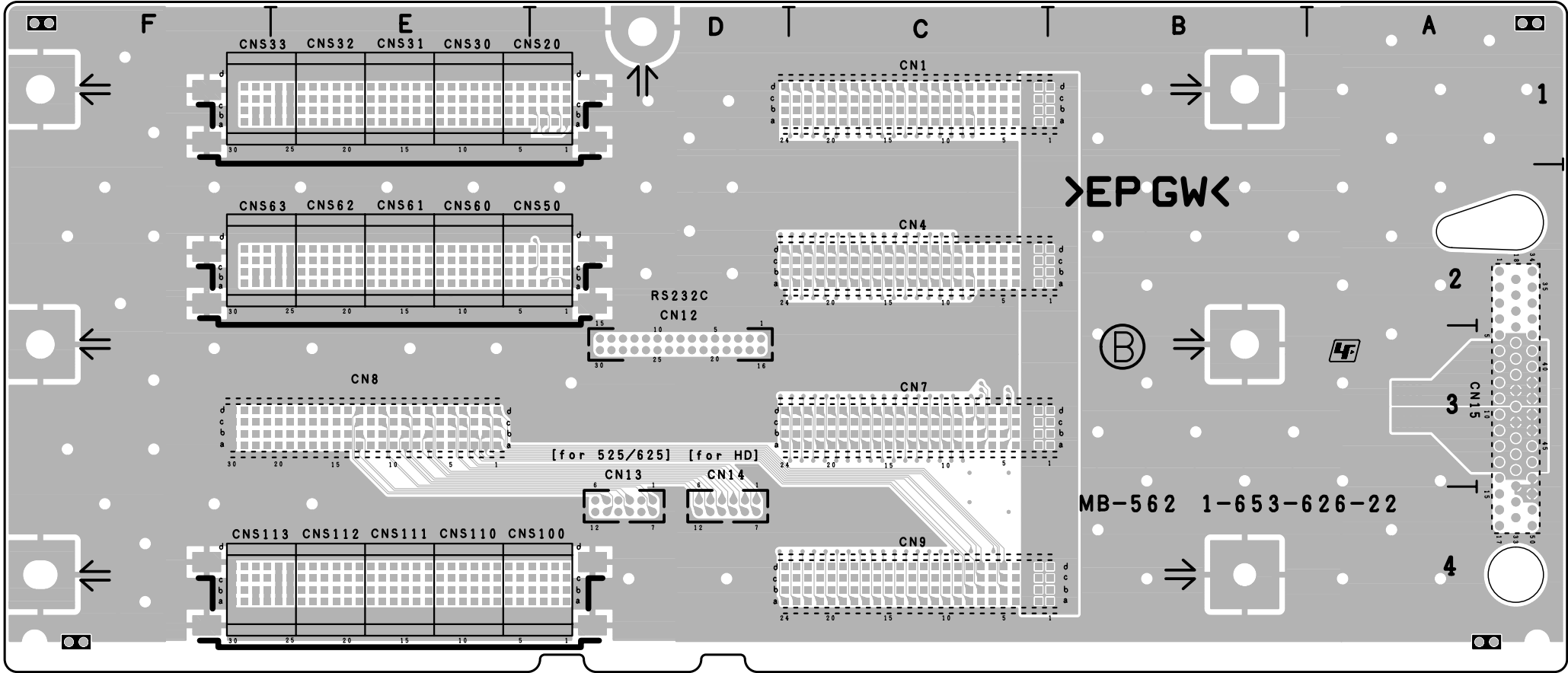
MB-562 (1-653-626-21,22)

- | | |
|------|-----|
| CN1 | C1 |
| CN2 | D1 |
| CN3 | E1 |
| CN4 | C2 |
| CN5 | D2 |
| CN6 | E2 |
| CN7 | C3 |
| CN8 | E3 |
| CN9 | C4 |
| CN10 | D4 |
| CN11 | E4 |
| CN12 | *D3 |
| CN13 | *D4 |
| CN14 | *D4 |
| CN15 | A3 |

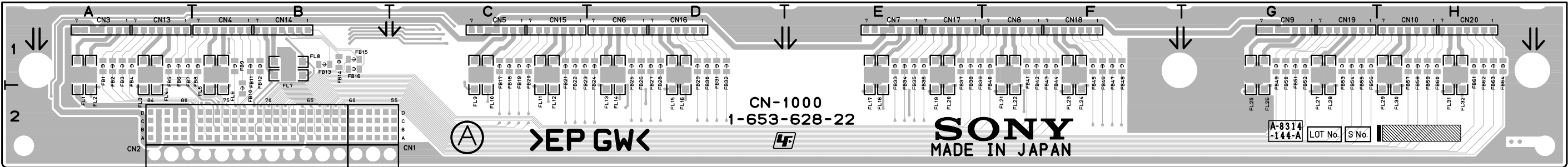
*: B SIDE

MB-562 -A SIDE-
SUFFIX: -21, 22

CNU-700 (SY) : 110001 and Higher

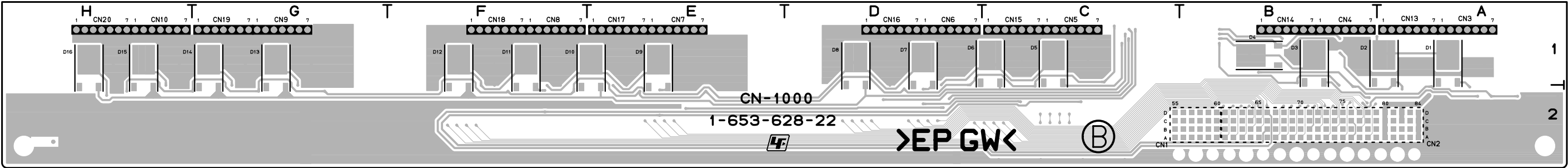


MB-562 -B SIDE-
SUFFIX: -21, 22

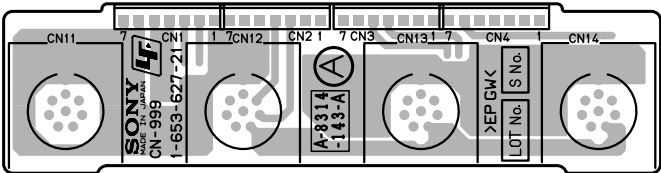


CNU-700 (SY) : 110001 and Higher

CN-1000 -A SIDE-
SUFFIX: -21, 22

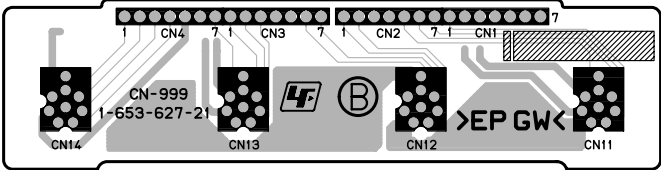


CN-1000 -B SIDE-
SUFFIX: -21, 22



CNU-700 (SY) : 110001 and Higher

CN-999 -A SIDE-
SUFFIX: -21

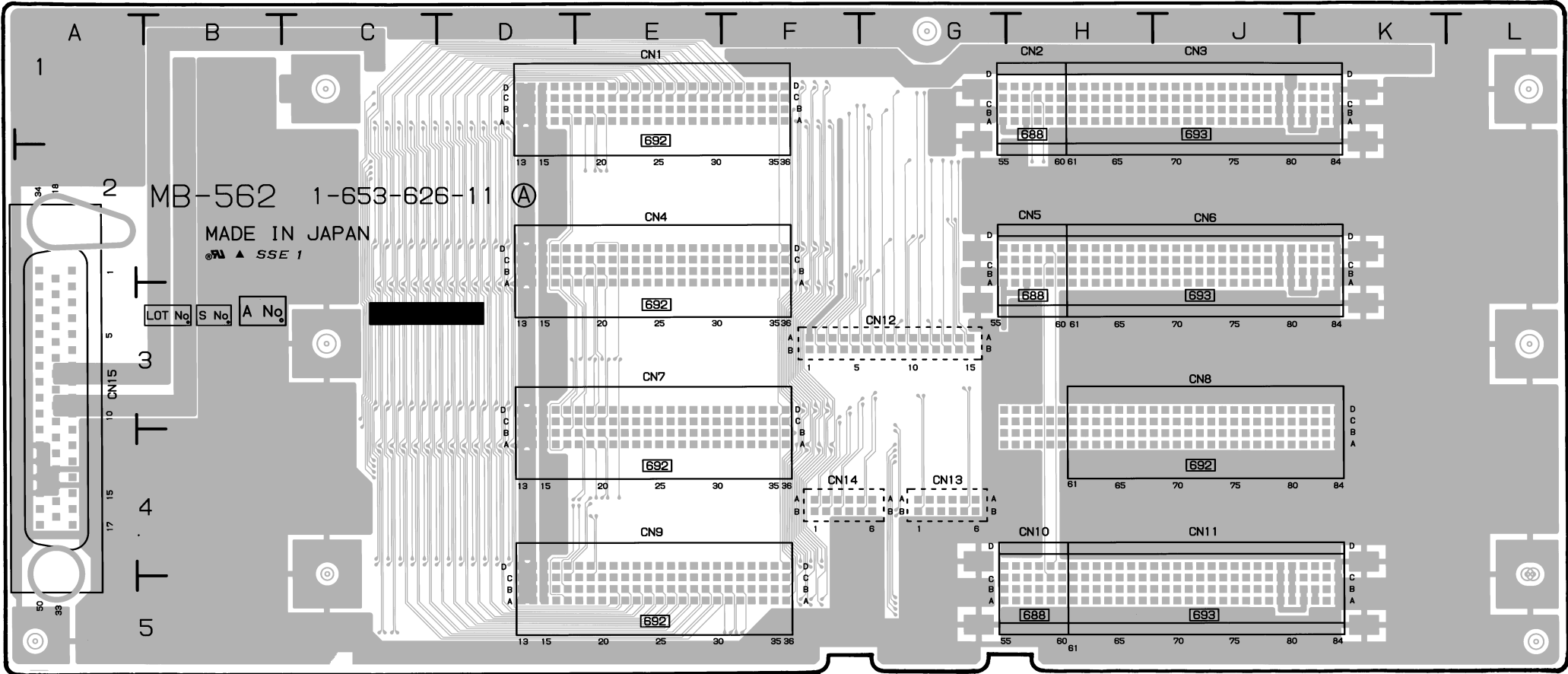


CN-999 -B SIDE-
SUFFIX: -21

CN-1000 (1-653-628-21, 22)

CN1	B2	D7	*D1	FB15	B1	FB40	F1	FL1	A1	FL26	G1
CN2	B2	D8	*D1	FB16	B1	FB41	F1	FL2	A1	FL27	G1
CN3	A1	D9	*E1	FB17	C1	FB42	F1	FL3	A1	FL28	G1
CN4	B1	D10	*E1	FB18	C1	FB43	F1	FL4	A1	FL29	H1
CN5	C1	D11	*F1	FB19	C1	FB44	F1	FL5	B1	FL30	H1
CN6	D1	D12	*F1	FB20	C1	FB45	F1	FL6	B1	FL31	H1
CN7	E1	D13	*G1	FB21	C1	FB46	F1	FL7	B1	FL32	H1
CN8	F1	D14	*G1	FB22	C1	FB47	F1	FL8	B1		
CN9	G1	D15	*H1	FB23	C1	FB48	F1	FL9	C1		
CN10	H1	D16	*H1	FB24	D1	FB49	G1	FL10	C1		
CN13	A1			FB25	D1	FB50	G1	FL11	C1		
CN14	B1	FB1	A1	FB26	D1	FB51	G1	FL12	C1		
CN15	C1	FB2	A1	FB27	D1	FB52	G1	FL13	D1		
CN16	D1	FB3	A1	FB28	D1	FB53	G1	FL14	D1		
CN17	E1	FB4	A1	FB29	D1	FB54	G1	FL15	D1		
CN18	F1	FB5	A1	FB30	D1	FB55	G1	FL16	D1		
CN19	G1	FB6	A1	FB31	D1	FB56	G1	FL17	E1		
CN20	H1	FB7	A1	FB32	D1	FB57	H1	FL18	E1		
		FB8	B1	FB33	E1	FB58	H1	FL19	E1		
D1	*A1	FB9	B1	FB34	E1	FB59	H1	FL20	E1		
D2	*A1	FB10	B2	FB35	E1	FB60	H1	FL21	F1		
D3	*B1	FB11	B1	FB36	E1	FB61	H1	FL22	F1		
D4	*B1	FB12	B1	FB37	E1	FB62	H1	FL23	F1		
D5	*C1	FB13	B1	FB38	E1	FB63	H1	FL24	F1		
D6	*C1	FB14	B1	FB39	E1	FB64	H1	FL25	G1		

*: B SIDE



CNU-700 (UC) : 18001 through 18206
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207

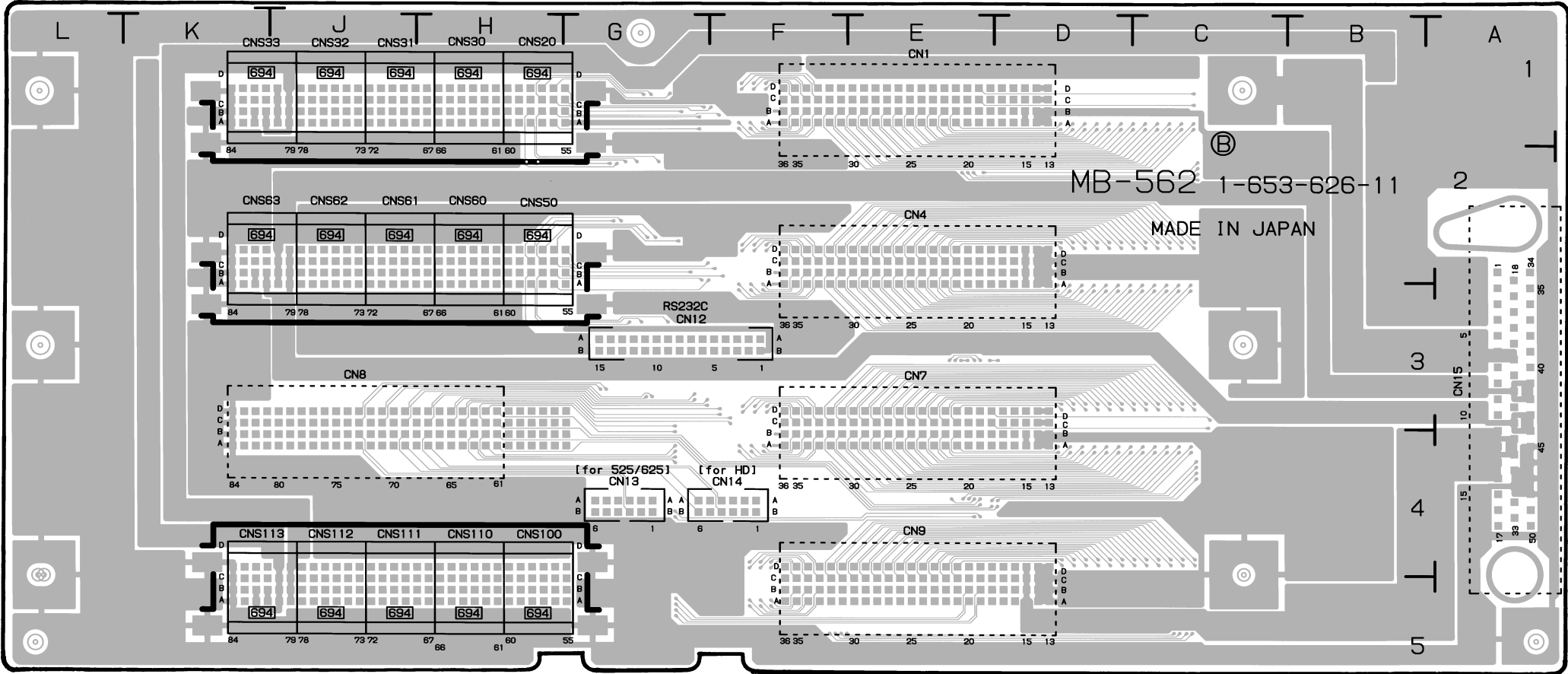
MB-562 (1-653-626-11)

CNS20 *H1
CNS30 *H1
CNS31 *J1
CNS32 *J1
CNS33 *K1
CNS50 *H2
CNS60 *H2
CNS61 *J2
CNS62 *J2
CNS63 *K2
CNS100 *H4
CNS110 *H4
CNS111 *J4
CNS112 *J4
CNS113 *K4

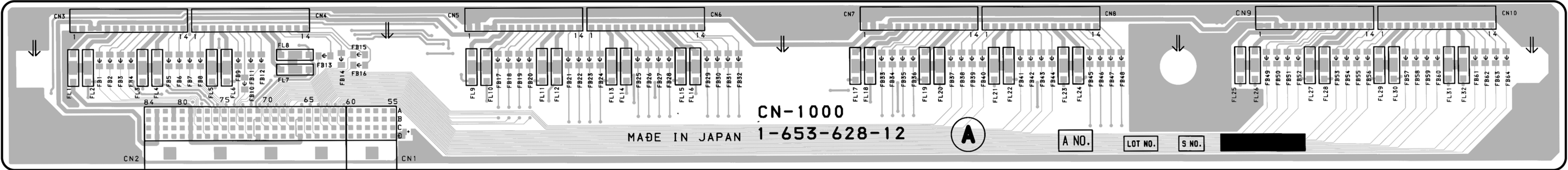
CN1 E1
CN2 H1
CN3 J1
CN4 E2
CN5 H2
CN6 J2
CN7 E3
CN8 J3
CN9 E4
CN10 H4
CN11 J4
CN12 *G3
CN13 *G4
CN14 *F4
CN15 A3

*: B SIDE

MB-562 -A SIDE-
SUFFIX: -11

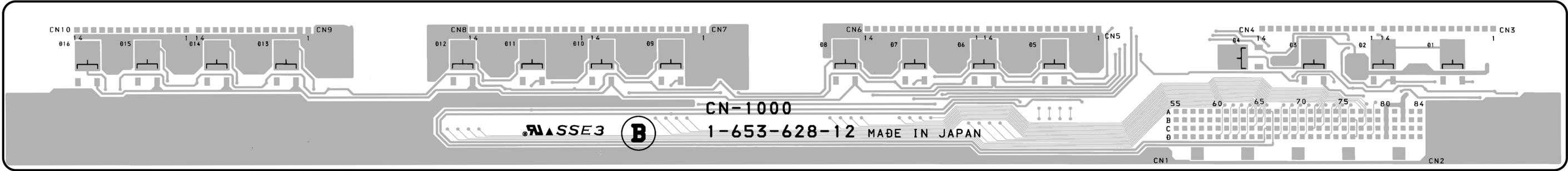


MB-562 -B SIDE-
SUFFIX: -11

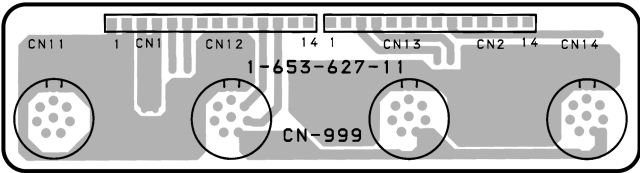


CNU-700 (UC) : 18001 through 18205
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207

CN-1000 -A SIDE-
SUFFIX: -12, 13

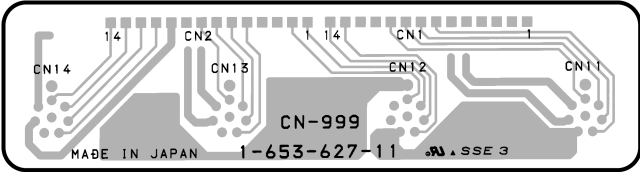


CN-1000 -B SIDE-
SUFFIX: -12, 13



CNU-700 (UC) : 18001 through 18205
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207

CN-999 -A SIDE-
SUFFIX: -11



CN-999 -B SIDE-
SUFFIX: -11

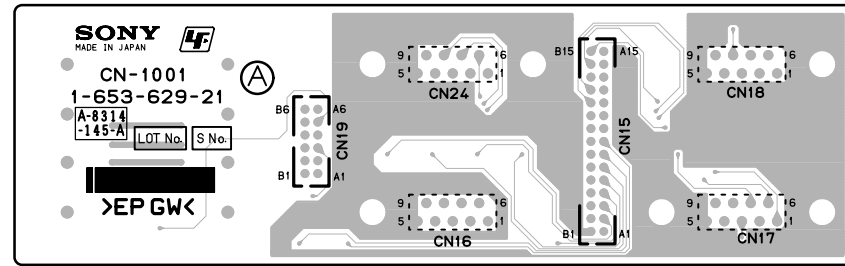
CN-1000 (1-653-628-12, 13)

CN1	B1	FB11	A1	FB36	C1	FB61	D1	FL21	C1
CN2	A1	FB12	A1	FB37	C1	FB62	D1	FL22	C1
		FB13	A1	FB38	C1	FB63	D1	FL23	C1
D1	*A1	FB14	A1	FB39	C1	FB64	D1	FL24	C1
D2	*A1	FB15	A1	FB40	C1			FL25	D1
D3	*A1	FB16	A1	FB41	C1	FL1	A1	FL26	D1
D4	*A1	FB17	B1	FB42	C1	FL2	A1	FL27	D1
D5	*B1	FB18	B1	FB43	C1	FL3	A1	FL28	D1
D6	*B1	FB19	B1	FB44	C1	FL4	A1	FL29	D1
D7	*B1	FB20	B1	FB45	C1	FL5	A1	FL30	D1
D8	*B1	FB21	B1	FB46	C1	FL6	A1	FL31	D1
D9	*C1	FB22	B1	FB47	C1	FL7	A1	FL32	D1
D10	*C1	FB23	B1	FB48	C1	FL8	A1		
D11	*C1	FB24	B1	FB49	D1	FL9	B1		
D12	*C1	FB25	B1	FB50	D1	FL10	B1		
D15	*D1	FB26	B1	FB51	D1	FL11	B1		
D16	*D1	FB27	B1	FB52	D1	FL12	B1		
		FB28	B1	FB53	D1	FL13	B1		
FB4	A1	FB29	B1	FB54	D1	FL14	B1		
FB5	A1	FB30	B1	FB55	D1	FL15	B1		
FB6	A1	FB31	B1	FB56	D1	FL16	B1		
FB7	A1	FB32	B1	FB57	D1	FL17	C1		
FB8	A1	FB33	C1	FB58	D1	FL18	C1		
FB9	A1	FB34	C1	FB59	D1	FL19	C1		
FB10	A1	FB35	C1	FB60	D1	FL20	C1		

*: B SIDE

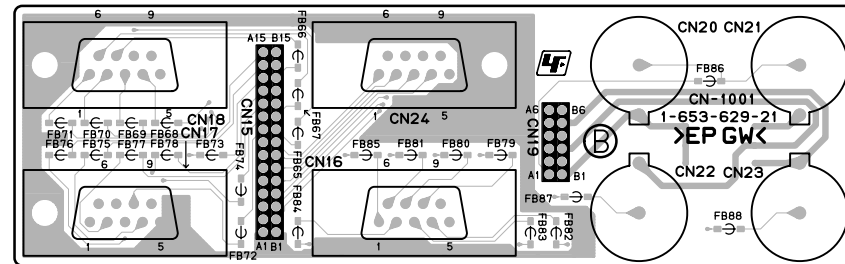
CN-1001, CN-1002, LED-223

CN-1001, CN-1002, LED-223

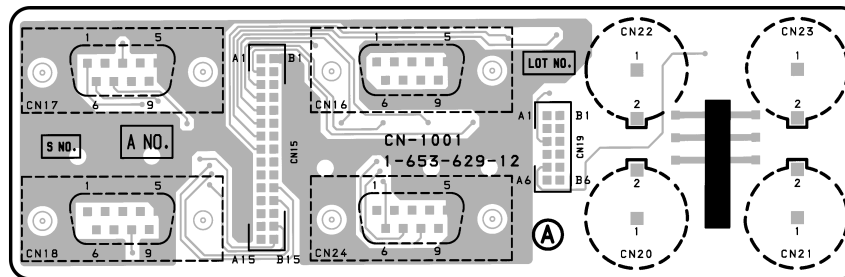


CNU-700 (SY) : 110001 and Higher

CN-1001 -A SIDE-SUFFIX: -21

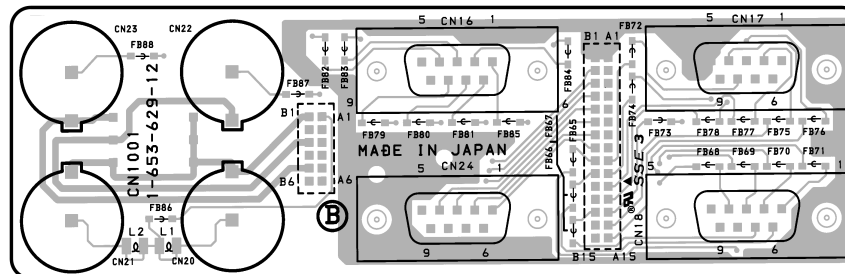


CN-1001 -B SIDE-
SUFFIX: -21



CNU-700 (UC) : 18001 through 18206
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207

CN-1001 -A SIDE-SUFFIX: -12



CN-1001 -B SIDE-
SUFFIX: -12

CN-1001(1-653-629-21)

CN15	A1
CN16	*A1
CN17	*A1
CN18	*A1
CN19	A1
CN20	*A1
CN21	*A1
CN22	*A1
CN23	*A1
CN24	*A1

FB65	*A1
FB66	*A1
FB67	*A1
FB68	*A1
FB69	*A1
FB70	*A1
FB71	*A1
FB72	*A1
FB73	*A1
FB74	*A1
FB75	*A1
FB76	*A1
FB77	*A1
FB78	*A1
FB79	*A1
FB80	*A1
FB81	*A1
FB82	*A1
FB83	*A1
FB84	*A1
FB85	*A1
FB86	*A1
FB87	*A1
FB88	*A1

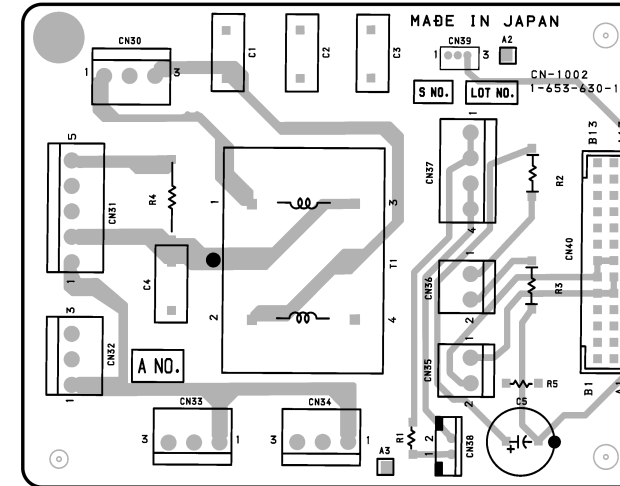
*: B SIDE

CN-1001 (1-653-629-12)

CN15	*B2
CN16	B1
CN17	C1
CN18	C2
CN19	*A2
CN20	A2
CN21	A2
CN22	A1
CN23	A1

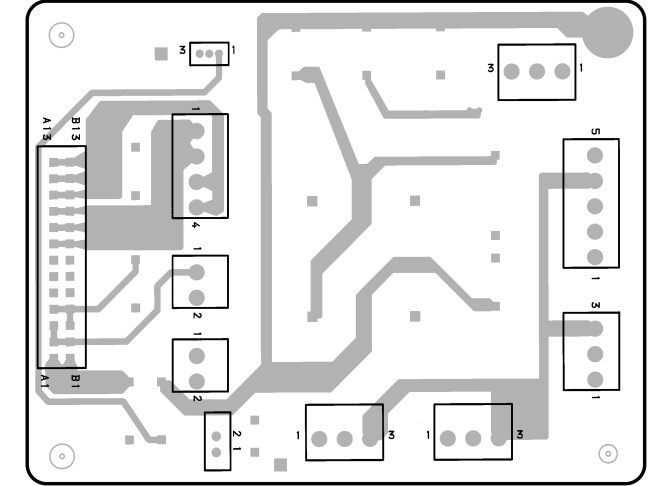
FB65	B1
FB66	B2
FB67	B1
FB68	C2
FB69	C2
FB70	C2
FB71	C2
FB72	C1
FB73	C1
FB74	C1
FB75	C1
FB76	C1
FB77	C1
FB78	C1
FB79	B1
FB80	B1
FB81	B1
FB82	B1
FB83	B1
FB84	B1
FB85	B1
FB86	*A2
FB87	*A1
FB88	*A1

*: B SIDE

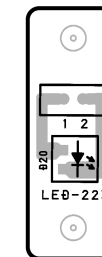


CNU-700 (UC) : 18001 through 18206
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207
CNU-700 (SY) : 110001 and Higher

CN-1002 -A SIDE-SUFFIX: -13, 14, 21

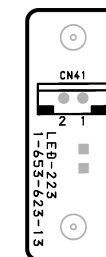


CN-1002 -B SIDE-
SUFFIX: -13, 14, 21



CNU-700 (UC) : 18001 through 18206
CNU-700 (J) : 38001 through 38072
CNU-700 (CE) : 48001 through 48207
CNU-700 (SY) : 110001 and Higher

LED-223 -A SIDE-SUFFIX: -13, 14, 21



LED-223 -B SIDE-
SUFFIX: -13, 14, 21

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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)

