

SONY®

HD CAMERA CONTROL UNIT

HDCU-700A

NTSC ENCODER BOARD

HKCU-701A

HD ANALOG INTERFACE

HKCU-702

HDVS

MAINTENANCE MANUAL

1st Edition (Revised 1)

Serial No. 10001 and Higher (UC)

Serial No. 30001 and Higher (J)

⚠ 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.

⚠ WARNING

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.

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Manual Structure

Purpose of this manual

This manual is the maintenance manual for HD CCU series.

HD CCU series include the following models.

HDCU-700A: HD Camera Control Unit

HKCU-701A: NTSC Encoder Board

HKCU-702: HD Analog Interface

This manual describes the information items necessary when the unit is supplied and installed, items that premise the service based on the components parts such as alignment, schematic diagrams, board layouts and spare parts list, assuming use of system and service engineers.

Contents

The following are summaries of the each section for understanding the manual.

Section 1 Installation

Describes information about connector input/output signals, instance of system configuration, function of internal switches and installation of HKCU-701A/702.

Section 2 Service Overview

Describes replacement of parts and notes on service.

Section 3 Electrical Alignment

Describes the general information for electrical adjustment and the adjustment procedure of this unit.

Section 4 Spare Parts

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

Section 5 Semiconductor Pin Assignments

Describes function diagrams and pin names of semiconductor used in the unit.

Section 6 Block Diagrams

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

Section 7 Board Layouts

Describes board layouts for every circuit board.

Section 8 Schematic Diagrams

Describes schematic diagrams for every circuit board and frame wiring.

Relative manuals

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

- **Operation Manual and Installation Guides**

These manuals are necessary for application and operation of this unit.

HDCU-700A/HKCU-701A/HKCU-702 operation manual

(supplied with HDCU-700A)

HKCU-701A installation guide (supplied with HKCU-701A)

HKCU-702 installation guide (supplied with HKCU-702)

Section 1

Installation

1-1. Supplied Accessories

1-1-1. Supplied Accessories for HDCU-700A

Accessories	Sony Part No.	Q'ty
Remote indicator assembly	A-8278-054-A	1
Cord, power *1 (For UC)	△1-551-812-11	1
Cord set, power *2 (For J)	△1-575-181-11	1
Connector (round type) (plug) 19P	1-691-779-11	1
Connector, conversion (3P-2P) (For J)	△1-750-686-11	1
Holder (B), plug	2-990-242-01	1
Fuse (1 A, 250 V)	△1-576-225-11	1
Fuse (4 A, 250 V)	△1-576-231-11	1
Fuse (6.3 A, 250 V)	△1-576-233-11	1
Operation manual	—	1
Maintenance manual	—	1

*1: Rated voltage : 125 V, Rated current : 10 A

*2: Cable length : about 2 m, Rated voltage : 125 V, Rated current : 7 A

1-1-2. Supplied Accessory for HKCU-701A

Accessory	Sony Part No.	Q'ty
Connector (plug)	1-560-155-00	1

1-2. Connectors and Cables

1-2-1. Connector Input/Output Signals

1125 digital signal

SERIAL RET INPUT (1-4) : BNC type

Conforms to BTA-S004A

SERIAL OUTPUT (1-3, MONI) : BNC type

Conforms to BTA-S004A

0.8 V p-p, 1.485 Gbps

1125 analog signal

REFERENCE IN : BNC type

Conforms to BTA-S001A

3-state SYNC

SYNC OUT : BNC type

75 Ω, ±0.3 V, 3-state SYNC

525 digital signal

SERIAL RET INPUT (1-4) : BNC type

Component serial signal : 0.8 V p-p, 270 Mbps

Composite serial signal

(When HKCU-701A is connected.) : 0.8 V p-p, 143 Mbps

SERIAL OUTPUT (1-4) : BNC type

Composite/Component selectable

Component serial signal : 0.8 V p-p, 270 Mbps

Composite serial signal

(When HKCU-701A is connected.) : 0.8 V p-p, 143 Mbps

525 analog signal

REFERENCE IN : BNC type

VBS or Black burst signal

SYNC OUT : BNC type

0.286 V p-p, 75 Ω

CHARACTER : BNC type

525 black and white signal

Video : 0.21 V p-p, Sync : 0.3 V p-p

Others

DIGITAL AUDIO : BNC type

AES/EBU format

PROMPTER IN : BNC type

1.0 V p-p, 75 Ω

HKCU-701A (525 analog signal)**RET INPUT (1-4) :** BNC type1.0 V p-p, 75 Ω **Y/G OUTPUT :** BNC typeY : 1.0 V p-p (video : 0.714 V, sync : 0.286 V), 75 Ω G : 0.7 V, 75 Ω **B-Y/B OUTPUT :** BNC typeB-Y/B : 0.7 V, 75 Ω **R-Y/R OUTPUT :** BNC typeR-Y/R : 0.7 V, 75 Ω **VBS OUT (1-2) :** BNC type1.0 V p-p, 75 Ω **PIX OUT :** BNC type1.0 V p-p, 75 Ω **WF OUT :** BNC type0.714 V p-p, 75 Ω

ENC : 1.0 V p-p

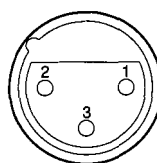
HKCU-702 (1125 analog signal)**RET INPUT (1-4) :** BNC type1.0 V p-p (video : 0.7 V, sync : ± 0.3 V), 75 Ω **Y/G OUTPUT (1-2) :** BNC type1.0 V p-p (video : 0.7 V, sync : ± 0.3 V), 75 Ω **P_B/B OUTPUT (1-2) :** BNC typeB : 1.0 V p-p (video : 0.7 V, sync : ± 0.3 V), 75 Ω P_B : Video : ± 0.35 V, Sync : ± 0.3 V, 75 Ω **P_R/R OUTPUT (1-2) :** BNC typeR : 1.0 V p-p (video : 0.7 V, sync : ± 0.3 V), 75 Ω P_R : Video : ± 0.35 V, Sync : ± 0.3 V, 75 Ω **PIX OUT :** BNC type1.0 V p-p (video : 0.7 V, sync : ± 0.3 V), 75 Ω **SYNC OUT :** BNC type ± 0.3 V, 3-state SYNC, 75 Ω **Optical connector**

VIDEO	Y/P _B /P _R
	Conforms to BTA S-004A
	1.485 Gbps serial
RET VIDEO	Y/P _B /P _R
	Conforms to BTA S-004A
	1.485 Gbps serial
INCOM	2 ch
MIC	2 ch
DIGITAL AUDIO (AES/EBU)	
CAMERA COMMAND	
PROMPTER	

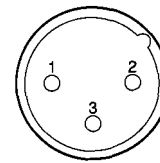
MIC OUTPUT CH1/CH2 (3P)

For J (FEMALE)

For UC (MALE)



(External View)



(External View)

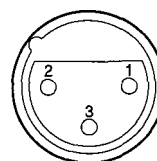
(0 dBu = 0.775 V rms)

No.	Signal	Specifications
1	MIC OUT (G)	0 dBu/-20 dBu
2	MIC OUT (X)	(Selectable with S18 and
3	MIC OUT (Y)	S19/AT board)

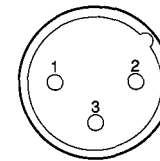
INTERCOM INTERFACE (3P)

(FEMALE)

(MALE)



(External View)



(External View)

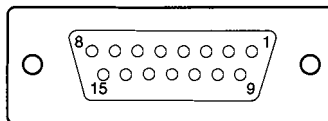
No.	Signal	Specifications
1	GND	0.4 V p-p, 200 Ω
2	ENG	(Clear-Com* level)
3	PROD	

When communicates the RTS level with 2.0 V p-p, 200 Ω , set as follows.

AT-103A board

- PROD system
 - R348 : Delete the short resistor
 - R451 : Mount a short (0 Ω) resistor
 - R376 : Mount a 24 k Ω resistor
- ENG system
 - R347 : Delete the short resistor
 - R449 : Mount a short (0 Ω) resistor
 - R379 : Mount a 24 k Ω resistor

* : Clear-Com is a registered trademark of Clear-Com Intercom Systems.

MIC REMOTE (15P, FEMALE)**(External View)**

No.	Signal	Specifications
1	+5.5 V OUT	Max. 250 mA
2	TALLY GND	GND for TALLY
3	G TALLY OUT	ON (GND) : Max. 30 mA IN
4	R TALLY OUT	ON (GND) : Max. 30 mA IN
5	CHU MIC	CONT2 *1)
6	AMP	CONT1
7	GAIN IN	CONT0
8	MIC1 GAIN ON/OFF IN	CONT *2)
9	GND	GND for +5.5 V
10	TALLY OUT	R/G TALLY OUT ON (GND) : Max. 30 mA IN
11	NC	No connection
12	ASPECT REMOTE ON/OFF	L : REMOTE
13	ASPECT	CONT1 *3)
14	CTL	CONT2
15	MIC2 GAIN ON/OFF IN	CONT *2)

*1) CHU MIC 1/2 AMP GAIN

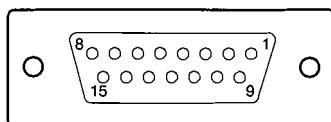
CONT0	CONT1	CONT2	CHU MIC AMP GAIN
H	H	H	60 dB
L	H	H	50 dB
H	H	L	40 dB
L	H	L	30 dB
H	L	H	20 dB

*2)

8 pin	15 pin	MIC GAIN CONT
L	L	MIC 1 and 2 ON
L	H	MIC 1 ON
H	L	MIC 2 ON
H	H	INTERNAL set

*3)

CONT1	CONT2	ASPECT
L	H	SQ (16:9)
H	H	EC (4:3)
L	L	INTERNAL set
H	L	LB (16:9)

WF REMOTE (15P, FEMALE)

(External View)

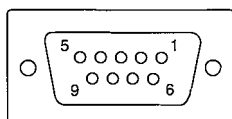
Recall system *4)

No.	Signal	Specifications
1	NC	No connection
2	NC	No connection
3	NC	No connection
4	NC	No connection
5	RECALL2 (G)	LOW ACTIVE
6	RECALL3 (B)	
7	RECALL1 (R)	
8	RECALL4 (SEQ)	
9	GND	
10	NC	No connection
11	NC	No connection
12	RECALL5 (ENC)	
13	RECALL6 (R+B)	
14	RECALL7 (R+G)	LOW ACTIVE
15	RECALL8 (G+B)	

*4) Select the system by switch S10-4 on the AT-103A board.
 ON : Recall system
 OFF : 1735HD/1730HD

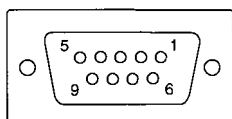
1735HD/1730HD *4)

No.	Signal	Specifications
1	LINE/FIELD	LINE : 5 V dc FIELD : 0 V dc
2	FOUR OUT	FOUR : 0 V dc
3	ONE/TWO OUT	ONE : 5 V dc TWO : 0 V dc
4	REMOTE 1 OUT	REMOTE : 5 V dc ENB : 0 V dc
5	RECALL 1 OUT	RECALL : 5 V dc
6	STORE OUT	STORE : 0 V dc
7	RECALL 0 OUT	RECALL : 5 V dc
8	THREE OUT	THREE : 0 V dc
9	GND	GND for signal
10	REMOTE SYNC OUT	REMOTE SYNC : 5 V dc
11	BOTH OUT	BOTH : 0 V dc
12	CH-1-ON OUT	CH1
13	CH-2-ON OUT	CH2 ON : 0 V dc
14	CH-3-ON OUT	CH3
15	A/B OUT	A : 5 V dc B : 0 V dc

AUX (9P, FEMALE)

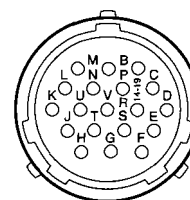
(External View)

No.	Signal	Specifications
1	DCD IN	
2	RXD IN	
3	TXD OUT	
4	DTR OUT	
5	SIGNAL GND	
6	DSR IN	
7	RTS OUT	
8	CTS IN	
9	GND	

TRUNK LINE (9P, MALE)

(External View)

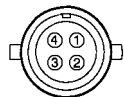
No.	Signal	Specifications
1	NC	No connection
2	EXT-CMD0-OUT (RXD)	
3	EXT-CHD0-IN (TXD)	
4	DTR-OUT	12 V, 15 kΩ
5	GND	
6	NC	No connection
7	EXT-CMD1-IN (RTS)	
8	EXT-CHD1-OUT (CTS)	
9	NC	No connection

INTERCOM/TALLY/PGM (19P, MALE)

(External View)

No.	Signal	Specifications
A	GND	
B	INCOM PROD OUT (H)	0 dBu
C	INCOM PROD OUT (C)	
D	INCOM PROD IN (H)	0 dBu
E	INCOM PROD IN (C)	
F	INCOM ENG OUT (H)	0 dBu
G	INCOM ENG OUT (C)	
H	INCOM ENG IN (H)	0 dBu
J	INCOM ENG IN (C)	
K	PGM-1 IN (H)	-20 dBu/0 dBu
L	PGM-1 IN (C)	(Selectable) *5)
M	PGM-2 IN (H)	-20 dBu/0 dBu
N	PGM-2 IN (C)	(Selectable) *5)
P	(SPARE)	No connection
R	RED TALLY IN (X)	ON : SHORT (Selectable)
S	GREEN TALLY IN (X)	OFF : OPEN (Selectable)
T	NC	No connection
U	NC	No connection
V	TALLY COMMON	

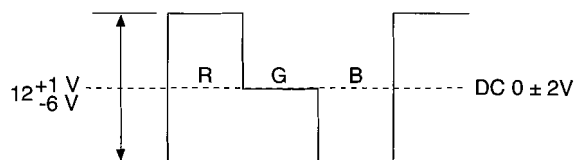
*5) Select the level by the switches S16 and S17 on the AT-103A board.

WF MODE (4P, FEMALE)

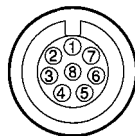
(External View)

No.	Signal	Specifications
1	SEQ CONT OUT (G)	OPEN COLLECTOR
2	SEQ CONT OUT (X)	+(PNP)/-(NPN) (Selectable with COP1/VDA board)
3	STAIR CASE OUT (X)	*6)
4	STAIR CASE OUT (G)	GND for STAIR CASE

*6) Stair case signal

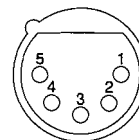
**REMOTE (8P, FEMALE)**

RCP/CNU



(External View)

No.	Signal	Specifications
1	TX (+)	CCU SERIAL DATA
2	TX (-)	
3	RX (+)	RCP/CNU/BVP/MSU/VCS
4	RX (-)	SERIAL DATA
5	TX GND	GND for TX
6	POWER (+) OUT	RCP POWER, +30 V
7	POWER (-) OUT	GND for POWER
8	SPARE	

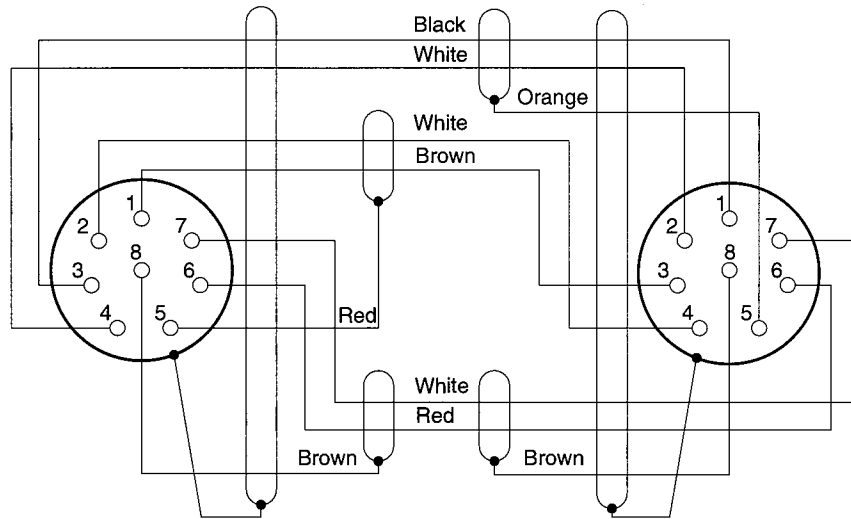
INTERCOM (5P, FEMALE)

(External View) (0 dBu = 0.775 V rms)

No.	Signal	Specifications
1	INCOM (T) IN (Y)	-20 dBu (CARBON MIC)
2	INCOM (T) IN (X)	-60 dBu (DYNAMIC MIC)
3	INCOM (T) IN (G)	GND for INCOM
4	INCOM (R) OUT (X)	Max. 12 dBu
5	NC	No connection

1-2-2. Wiring Diagrams for Cable

CCA-5 Cable (for REMOTE connector)



1-2-3. Connection Connector

When external cables are connected to the connector of this unit, the hardware listed below (or equivalents) must be used.

Indication	Connection connector/cable
CHARACTER DIGITAL AUDIO OUTPUT PIX OUT PROMPTER IN REFERENCE IN RET INPUT SERIAL OUTPUT SERIAL RET INPUT SYNC OUT VBS OUT WF OUT (BNC)	1-564-742-11 Plug, BNC or B-B cable assembly (1.5 m, option)
MIC OUTPUT (for J) INTERCOM INTERFACE (3P, FEMALE)	1-508-084-00 XLR, 3P Male or CANNON XLR-3-12C equivalent
MIC OUTPUT (for UC) INTERCOM INTERFACE (3P, MALE)	1-580-083-00 XLR, 3P Female or CANNON XLR-3-11C equivalent
REMOTE WF/MIC (15P, FEMALE)	1-506-582-11 D-SUB, 15P Male or JAE DA-15PF-N equivalent 1-561-929-00 Junction shell
INTERCOM/TALLY/PGM (19P, MALE)	1-691-779-11 MULTI, 19P Female (option)
WF MODE (4P, FEMALE)	1-560-155-00 Plug, 4P Male
REMOTE RCP/CNU (8P, FEMALE)	1-766-848-11 Plug, 8P Male or CCA cable assembly (option) CCA-5-10 (10 m) / CCA-5-3 (3 m)
INTERCOM (5P, FEMALE)	1-508-370-11 XLR, 5P Male or CANNON XLR-5-12C equivalent
AUX (9P, FEMALE)	1- 560-651-00 D-SUB, 9P Male or JAE DE-9PF-N equivalent 1-561-749-00 Junction shell
TRUNK LINE (9P, MALE)	1-568-181-00 D-SUB, 9P Female or JAE DE-9SF-N equivalent 1-561-749-00 Junction shell

1-3. Installation

1-3-1. Operating Environment

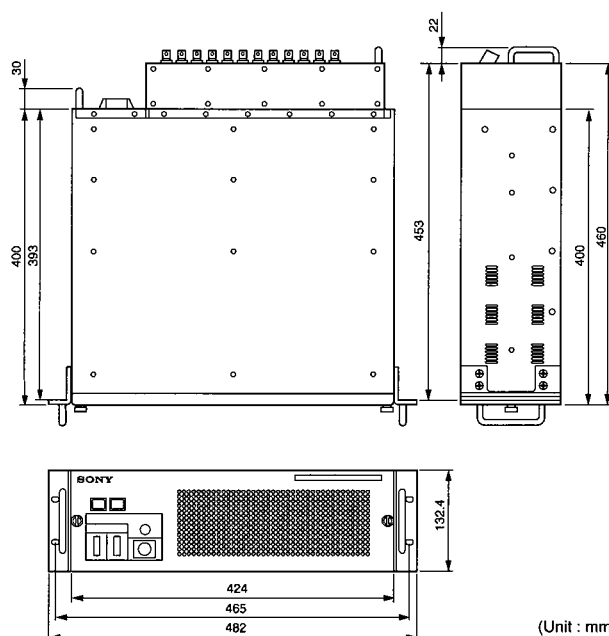
Operating temperature : +5 °C to +40 °C

Storage temperature : -20 °C to +60 °C

Humidity : No condensation

- Install the unit in a location as dry and well-ventilated as possible.
- Do not install the unit in the following conditions.
 - High temperature room or near the heat source
 - Excessive dust or mechanical vibration
 - Intense magnetic and electric field
 - A place subjected to direct sunlight or strong light

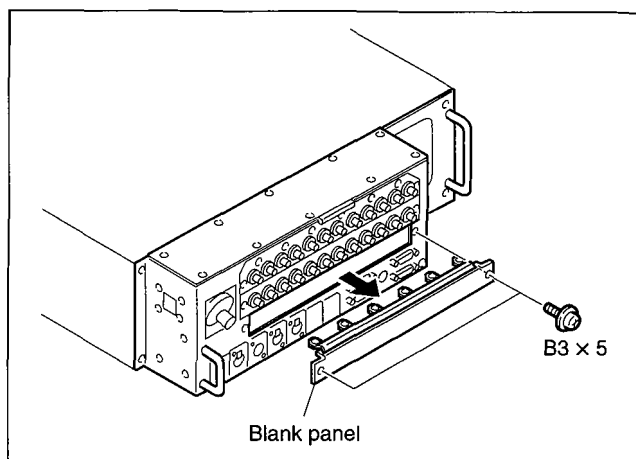
1-3-2. Outer Dimensions



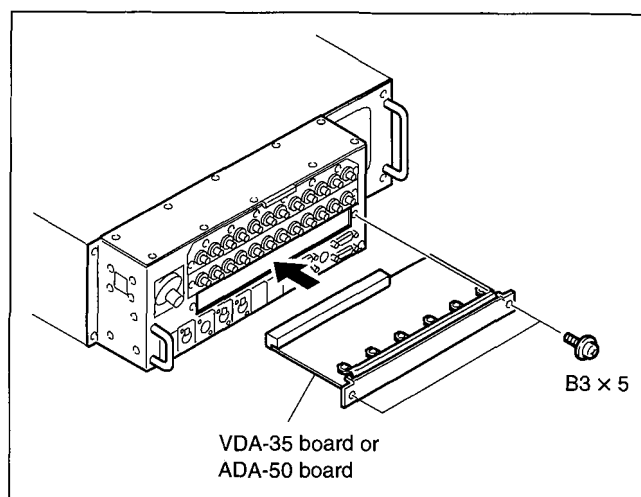
(Unit : mm)

1-3-3. Installing HKCU-701A/702

1. Remove the two screws (B3 × 5) and then remove the blank panel.



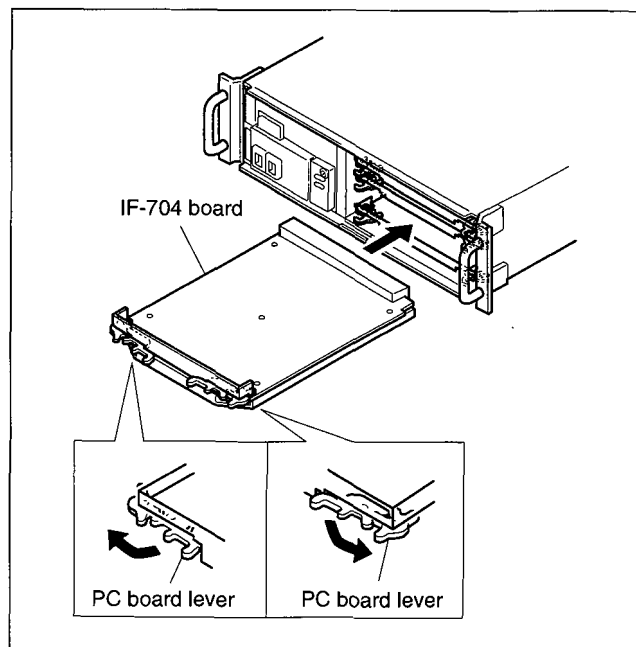
2. Install the VDA-35 board of HKCU-701A or ADA-50 board of HKCU-702 to removed position of the blank panel with the two screws.



3. Installing IF-704 board (HKCU-701A)

Install the IF-704 board of the HKCU-701A in the third slot from the top.

And then open the PC board levers on the board to the direction of the arrows.



Note

The HKCU-701A and HKCU-702 can be installed in the following combination.

Combination of HKCU-701A and HKCU-702

Type	Front	Rear	
	3rd slot	2nd slot	3rd slot
Standard	—	DIF-40	—
HKCU-701A	IF-704	DIF-40	VDA-35
HKCU-702	—	DIF-40	ADA-50
HKCU-701A and HKCU-702 ^{*1}	IF-704	ADA-50	VDA-35
HKCU-701A and HKCU-702 ^{*2}	IF-704	DIF-40	ADA-50

*1 : SD reference signal cannot be input.

*2 : SD analog signal cannot be input/output.

1-3-4. Installation in 19-inch Rack

The unit can be mounted in a 19-inch EIA standard rack (height three unit).

CAUTION

- To prevent turning over the rack, fix the rack on the horizontal and firm floor securely using the bolts.
- Do not pull two units or more out of the rack at the same time.
Otherwise injury could occur by falling the rack because the unit is heavy. Pull one unit only out of the rack at the same time.

Required parts

- Slide rail : 1 set
Accuride* No.305A-18 (457 mm)
- Front brackets : 2 pcs.
Sony P/N 2-142-214-01
- Rear brackets : 2 pcs.
Sony P/N 2-142-215-01
- Screws (B4 × 8) : 14 pcs
- Screws (B5 × 8) : 8 pcs.
- Plate nut : 1 pc.
Sony P/N 3-651-812-00
- Screws for rack mounting (RK5 × 14) : 4 pcs.
- Washers for rack mounting : 4 pcs.
Sony P/N 2-297-913-01

CAUTION

Use the specified rack mount rail.

If not, injury could occur by drop of the unit because strength of rail is not enough.

* : Accuride is a registered trademark of Accuride International Corporation.

Manufacturer :

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-Præzision GmbH**

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

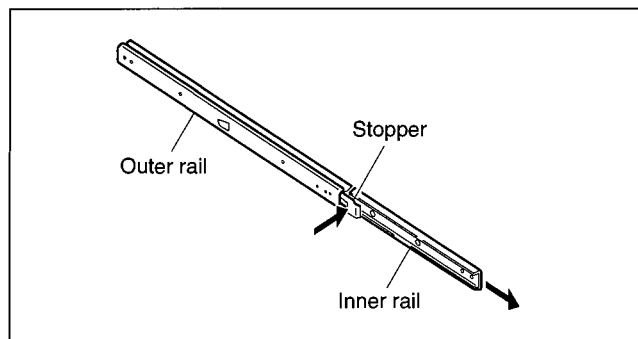
UNITED KINGDOM

- **Accuride Limited**

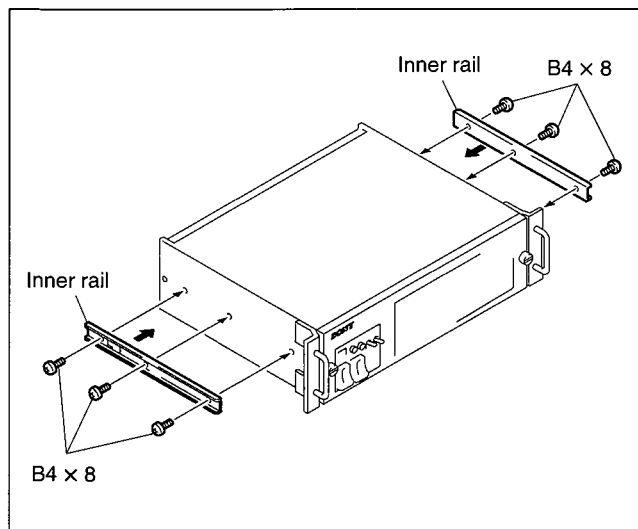
Lilliput Road
Brackmills Industrial Estate
Northampton, NN4 0AR
United Kingdom
TEL 604-761111
FAX 604-767190

Rack mount procedure

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



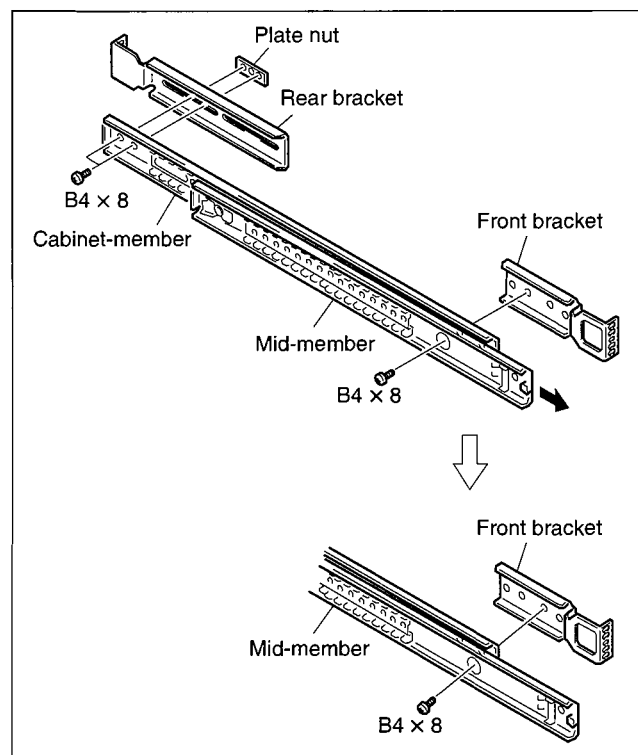
2. Attach the inner rails to the unit using the six screws (B4 × 8).



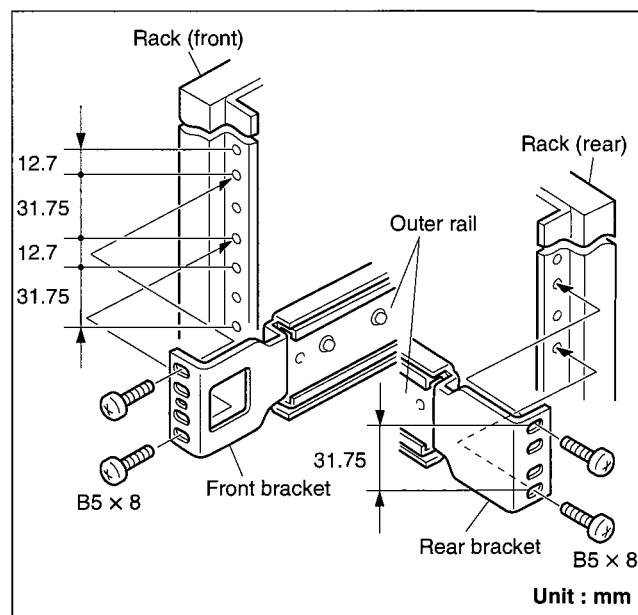
3. Attach the front and rear brackets to the outer rails using the eight screws (B4 × 8).

Notes

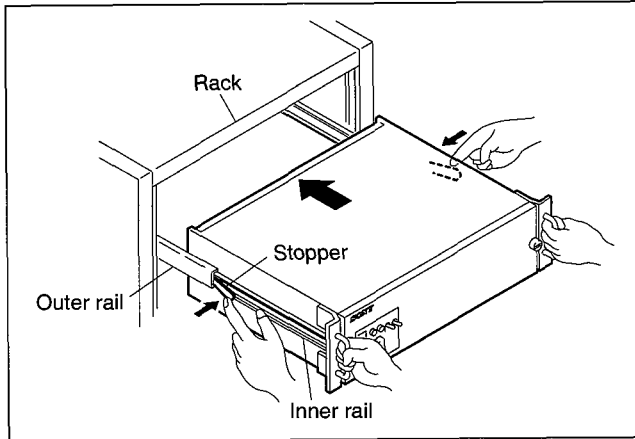
- When attaching the front bracket, slide the mid-member until the screw holes in the cabinet-member are visible through the hole in the mid-member as shown below.
- When attaching the rear bracket, adjust the position of the bracket with the rack depth.



4. Attach the front and rear brackets to the outside of the rack temporarily using the eight screws (B5 × 8).



5. While pressing the stoppers of the inner rails, slide the inner rails fully into the outer rails, and push the unit into the rack slowly.



CAUTION

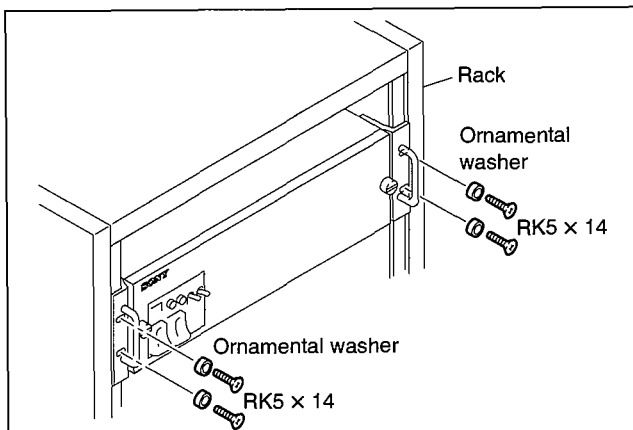
- Mount the unit with more than two persons.
A one-man job may cause injury.
- Install in a posture of stability.
Injury could occur by drop of the unit in unbalance condition of installation or removal. Install in a posture of stability and carefully.
- Be careful not to catch your finger or hand in rack mount rail.

6. After confirming that the unit can be moved smoothly, tighten the screws (B5 × 8) secured temporarily in the step 4.

Note

When securing the front brackets to the rack by screws, pull the unit out of the rack about 20 cm (8 inches), and fasten the screws of the front brackets to the rack.

7. After installing the unit in the rack, fix the unit to the rack using the four screws (RK5 × 14) and four washers.

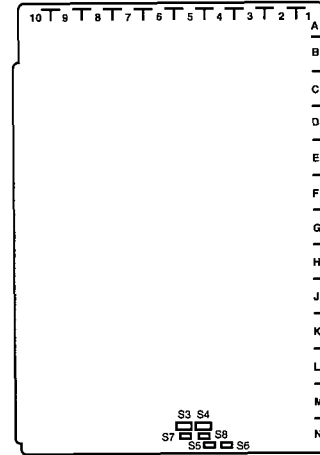


1-4. Functions of Switches on Board

Note

Do not change settings of the factory-use switches.

1-4-1. DPR-108 Board



S3-1 to S3-8: Test switch

Factory use

Factory-set position : All OFF

S4-1: Color Bars Output Mode Select switch

Selects the output signal from CCU when powering off the camera, or when the communication with camera is broken off.

OFF : Gray signal

ON : Color bars signal

Factory-set position : OFF

S4-2 to S4-8: Not used

S5: Command Trunk Line Mode Select switch

2ch : Bi-directional communication line capable of handing the two lines (The signal conforming to the RS-232C can be used for send/receive.)

1ch : Bi-directional communication line of one line only with the two times band-width.

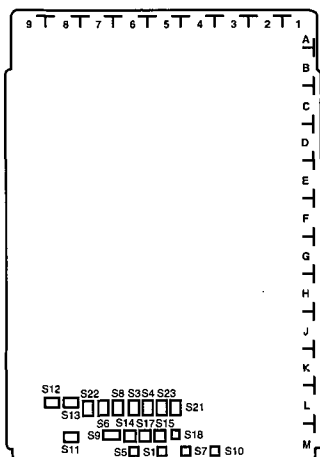
Factory-set position : 2ch

S6: Not used

S7: Not used

S8: Not used

1-4-2. RC-70 Board



S1: Aspect Select switch

When switch S5 is set to "LOCAL", this switch takes effect. Selects the aspect ratio when down-converting the HD signal to SD signal.

- SQ : Outputs directly to the SD OUT connector at an aspect ratio of 16:9.
- LB : Inserts a 16:9 screen directly into the 4:3 screen and outputs to the SD OUT connector. (The upper and lower portions of the screen are blank.)
- CROP : Crops the right and left of the screen and outputs to the SD OUT connectors at an aspect ratio of 4:3.

Factory-set position : SQ

S3 and S4: Camera Active Line Select switch

Selects the number of active video lines when processing the HD signal from CHU in CCU.

S4 : Sets whether to select the active video lines in accordance with CHU to be connected.

- AUTO : Selects automatically in accordance with CHU.
 - MANUAL : Selects by switch S3.
- Factory-set position : AUTO

S3 : Selects the number of active video lines when switch S4 is set to "MANUAL".

- 1080 : 1080 lines
 - 1035 : 1035 lines
- Factory-set position : 1035

S5: Aspect REM/LOC Select switch

Sets whether to select the aspect ratio of an SD signal by MSU.

- REMOTE : Selects by MSU.
 - LOCAL : Selects by switches S1, S7 and S10 on the RC-70 board.
- Factory-set position : REMOTE

S6: SD-SDI-OUT-1 and -2 Output Signal Select switch

When the IF-704 board (HKCU-701A) is installed, this switch takes effect. Selects the signal output from the SD-SDI-OUT-1 and -2 connectors on the DIF-40 board.

- D1 : Component SDI
 - D2 : Composite SDI
- Factory-set position : D1

S7: Crop Position Select Switch

Selects the crop position when switch S1 is set to "CROP".

- CENTER : Cuts out the center part.
 - VARIABLE : Enables to change the crop position by S10.
- Factory-set position : CENTER

S8: SD-SDI-OUT-3 and -4 Output Signal Select switch

When the IF-704 board (HKCU-701A) is installed, this switch takes effect. Selects the signal output from the SD-SDI-OUT-3 and -4 connectors on the DIF-40 board.

- D1 : Component SDI
 - D2 : Composite SDI
- Factory-set position : D1

S9: Down Converter Mode Select switch

When switches S6 and S8 are set to "D1", this switch takes effects. Selects the sampling rate when the HD signal is downconverted into an SD-SDI signal.

- YC 422 : 4:2:2(Y/R-Y/B-Y)
- YC 444 : 4:4:4(Y/R-Y/B-Y)
- RGB 444 : 4:4:4(G/R/B)

During 4:2:2 output mode, 4:2:2 signals are output to the SD-SDI-OUT-1, -2, -3 and -4 connectors on the DIF-40 board.

During 4:4:4 output mode, 4:2:2 signals are output to the SD-SDI-OUT-1 and -2 connectors on the DIF-40 board, and 0:2:2 signals are output to the SD-SDI-OUT-3 and -4 connectors on the DIF-40 board.

Factory-set position : YC 4:2:2

S10: Crop Position Adjustment switch

Adjusts the crop position when switch S7 is set to "VARIA-
BLE".

LEFT : Crop position moves to the left.
RIGHT : Crop position moves to the right.

S11-1: DIF-40 SD-SYNC-OUT Signal Select switch

Factory use

Factory-set position : OFF

S11-2: DIF-40 HD-SYNC-OUT Signal Select switch

Factory use

Factory-set position : OFF

S11-3: Factory use

Factory-set position : OFF

S11-4: Factory use

Factory-set position : OFF

S11-5: Line Count Select switch

When switch S1 is set to "LB", this switch takes effect.
Selects the number of lines in the video area.

ON : 360 lines
OFF : 364 lines
Factory-set position : OFF

**S11-6: Built-in Color Bars Signal (in Down
Converter) Select switch**

Selects the type of a color bars signal built into the down-
converter on the RC-70 board.

ON : 100 % color bars
OFF : 75 % color bars
Factory-set position : OFF

S11-7: HD/SD Color Bars Select switch

Selects the source of a color bars signal output to the SD-
SDI-OUT connector.

OFF : Color bars signal built into the down-
converter on the RC-70 board.
ON : Down-converted color bars signal output to
the HD OUT connector.
Factory-set position : OFF

S11-8: Color Bars REM/LOC Select switch

Factory use

Factory-set position : OFF

S12: Test-1 switch

Factory-set position : All OFF

S13: Test-2 switch

Factory-set position : All OFF

S14: Factory use

Factory-set position : 0

S15: Factory use

Factory-set position : 0

S17: Factory use

Factory-set position : 0

S18: UP Converter V-Filter Select switch

Selects the processing of a simple vertical video interpola-
tion filter of an up-converter.

ON: Filter processing
OFF: No filter processing
Factory-set position: OFF

S21 and S23: Return Active Line Select switch

Select the number of active video lines when the SD return
signal is converted into HD signal.

S21 : Sets whether to select the active video lines in
accordance with CHU to be connected.

AUTO : Selects automatically in accordance
with CHU.
MANUAL : Selects by switch S23.
Factory-set position : AUTO

S23 : Selects the number of active video lines when switch
S21 is set to "MANUAL".

1080 : 1080 lines
1035 : 1035 lines
Factory-set position : 1035

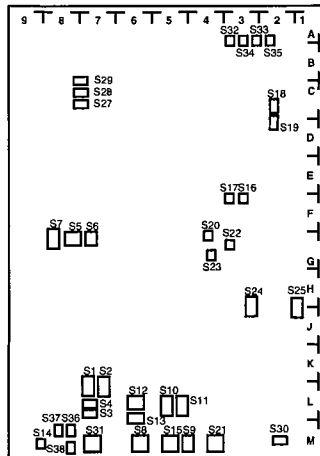
S22: Factory use

Factory-set position : 525i

Note

Be sure to use this switch with factory-set position.
When this switch is not set to "525i", D50 on the
front panel of board lights.

1-4-3. AT-103A Board



S1, S2, S3 and S4: Return Video Select switch

Select the signal connected to the RET VIDEO connector on the rear panel without connecting the MSU.

S3: Selects whether to set the various settings for CCU by MSU.

REMO : Set by MSU.

LOCAL : Set by switches on AT-103A board.

Factory-set position: REMO

S1 : Selects the signal format.

S1-1 and -2 : RET1

S1-3 and -4 : RET2

S1-5 and -6 : RET3

S1-7 and -8 : RET4

S1-1, -3, -5 and -7	S1-2, -4, -6 and -8	Signal format
ON	ON	SD-ANA
ON	OFF	SD-DIG
OFF	ON	HD-ANA
OFF	OFF	HD-DIG

S2 : Selects the aspect ratio.

S2-1 and -2 : RET1

S2-3 and -4 : RET2

S2-5 and -6 : RET3

S2-7 and -8 : RET4

S2-1, -3, -5 and -7	S2-2, -4, -6 and -8	Aspect ratio
ON	ON	Letter box
ON	OFF	Squeeze
OFF	ON	—
OFF	OFF	Edge crop

S4 : Selects the RETURN SD-SDI signal.

D1 : Component digital signal

D2 : Composite digital signal

Factory-set position : D1

S5: 4:3 Modulation Level switch

Adjusts the 4:3 modulation level when switch S3 is set to "LOCAL".

Factory-set position : 8

S6: Skin Gate Level switch

Adjusts the skin gate level when switch S3 is set to "LOCAL".

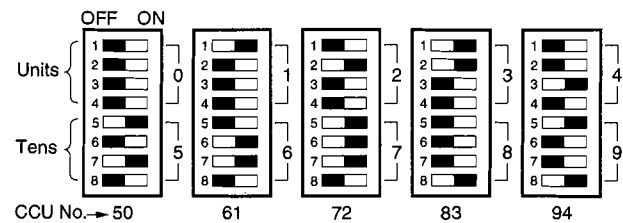
Factory-set position : 8

S7: CCU Number Select switch

This switch is mainly used to set the CCU No..

The CCU No. of 1 to 96 can be set in BCD (binary coded decimal) using switches 1 to 8.

1's digit is set using switches 1 to 4 and a 10's digit is set using switches 5 to 8. "0" to "F" can be set respectively, but "a" to "F" are invalidated.



Factory-set position : All OFF (00)

S8: HD H Phase (Coarse) switch

Coarsely adjusts the H phase when switch S31 is set to "LOCAL" and switch S15 is set to "HD". The fine adjustment is performed using RV18.

Factory-set position : 8

S9: SD H Phase (Coarse) switch

Coarsely adjusts the H phase when switch S31 is set to "LOCAL" and switch S15 is set to "SD". The fine adjustment is performed using RV17.

Factory-set position : 8

S10-1: ADA-50 OUT-1 Signal Select switch

Selects the signal output from the OUTPUT-1 connector on the ADA-50 board (HKCU-702).

OFF: G/R/B

ON: Y/P_R/P_B

Factory-set position : OFF

S10-2: ADA-50 OUT-2 Signal Select switch

Selects the signal output from the OUTPUT-2 connector on the ADA-50 board (HKCU-702).

OFF : G/R/B

ON : Y/P_R/P_B

Factory-set position : OFF

S10-3: VDA-35 OUT Signal Select switch

Selects the signal output from the OUTPUT connector on the VDA-35 board (HKCU-701A).

OFF : G/R/B

ON : Y/R-Y/B-Y

Factory-set position : OFF

S10-4: WFM Control Signal Select switch

Selects the waveform monitor control signal output from the WF MODE connector.

OFF : Control signal exclusively used for 1730 HD and 1735 HD.

ON : Recall control signal

Factory-set position : OFF

S10-5: Recall Control Mode Select switch

Sets the type of a waveform monitor when switch S10-4 is set to "ON".

OFF : 1730 HD/1735 HD

ON : Except 1730 HD/1735 HD

Factory-set position : OFF

S10-6: ADA-50 OUT-2 Signal Select switch

Selects whether to set so that the signal output from the OUTPUT-2 connector on the ADA-50 board (HKCU-702) is switched using the EN button on the control panel of RCP.

OFF : Unswitchable
(Set using S10-2.)

ON : Switchable

EN button lamp is lit off : G/R/B

EN button lamp is lit : Y/P_R/P_B

Factory-set position : OFF

S10-7: Main Line Output Signal Select switch

Selects the signal output to a 525 down-converter and analog HD signal.

OFF : 1125 main line signal

ON : 1125 monitor signal

(The existence of 4:3 marker and skin tone gate are set using S36 and S37 respectively.)

Factory-set position : OFF

S10-8: Monitor Control Mode Select switch

Selects how to switch the output signals of the PIX OUT and WF OUT connectors on the VDA-35 board (HKCU-701A), and the output signal of the PIX OUT connector on the ADA-50 board (HKCU-702).

OFF : Selectable by both RCP and MSU.

(Pressing later has priority.)

ON : Selectable by only RCP.

Factory-set position : OFF

S11: Test switch

Factory use

Factory-set position : All OFF

Note

Be sure to set this switch to all OFF.

S12: HD V Phase Select switch

Finely adjusts the vertical phase in a line step when this unit is synchronized with an HD external reference signal.

Factory-set position : 8

S13: SD V Phase Select switch

Finely adjusts the vertical phase in a line step when this unit is synchronized with an SD external reference signal.

Factory-set position : 8

S14: Not used

S15: Genlock Signal Select switch

Selects the type of an external sync signal when switch S31 is set to "LOCAL".

HD : HD three-state sync signal

IF : Select when the IF-704 board (HKCU-701A) is installed and when the SC synchronization is established using a VBS or BB (black burst) signal.

SD : 525 composite sync or BB signal

Factory-set position : HD

S16: PGM 1 Input Level Select switch

Selects the level (0 dBu/−20 dBu) of PGM 1 signal input from the INCOM/TALLY/PGM connector on the rear panel.

Factory-set position : 0 dBu (0 dBu = 0.775 V rms)

S17: PGM 2 Input Level Select switch

Selects the level (0 dBu/−20 dBu) of PGM 2 signal input from the INCOM/TALLY/PGM connector on the rear panel.

Factory-set position : 0 dBu (0 dBu = 0.775 V rms)

S18: MIC Output CH-1 Level Select switch

Selects the level (0 dBu/−20 dBu) of an audio signal output from the MIC OUTPUT CH-1 connector on the rear panel.

Factory-set position : 0 dBu (0 dBu = 0.775 V rms)

S19: MIC Output CH-2 Level Select switch

Selects the level (0 dBu/−20 dBu) of an audio signal output from the MIC OUTPUT CH-2 connector on the rear panel.

Factory-set position : 0 dBu (0 dBu = 0.775 V rms)

S20: INTERCOM Channel Select switch

Selects the channel (CH-1/CH-2) of an intercom system.

CH-1 : Selects PROD line as the destination of the INTERCOM 1/2 connectors of the camera and the INTERCOM connector at the front of HDCU.

CH-2 : Switchable between PROD and ENG lines by the camera as the destination of the INTERCOM 1/2 connectors of the camera.

Factory-set position : CH-2

S21: Front INTERCOM Input Select switch

Selects the destination of the INTERCOM connector.

ENG : ENG line

PRIVATE : PRIVATE line

PROD : PROD line

Factory-set position : PROD

S22: MIC Test Select switch

Not used

S23: Front INTERCOM Line Select switch

Selects the line of the INTERCOM connector.

ON : Connects to both the PROD line and ENG line.

OFF : Connects to the selected line using S21

Factory-set position : ON

S24: ENG INTERCOM Select switch

Selects the intercom system of an ENG line.

2 W : Two-wire system

RTS : Clearcom

4 W : Four-wire system

Factory-set position : 4 W

S25: PROD INTERCOM Select switch

Selects the intercom system of a PROD line.

2 W : Two-wire system

RTS : Clearcom

4 W : Four-wire system

Factory-set position : 4 W

S27, S28 and S29: HD → SD Delay switch

Adjusts the phase difference between the SD and HD signals output from this unit.

Factory-set position : S27 : 3

S28 : 7

S29 : 0

S30: Field Frequency Select switch

Selects the field frequency of this unit.

59.94 : 1125/59.94 HD

(Enables an SD signal to be input and output.)

60 : 1125/60 HD

(Disables an SD signal to be input and output.)

Factory-set position : 59.94

S31: Genlock REMOTE/LOCAL Select switch

Selects the way to control an external sync signal.

REMOTE : By RCP and CNU externally connected

LOCAL : By switch S15 on AT-103A board

Factory-set position : REMOTE

S32: R-TALLY Control Select switch

POWER : Power supply

CONTACT : Contact supply

Factory-set position : CONTACT

S33: G-TALLY Control Select switch

POWER : Power supply

CONTACT : Contact supply

Factory-set position : CONTACT

S34: R-TALLY Power Supply Voltage Select switch

Selects the power supply voltage when switch S32 is set to "POWER".

TTL : +5 V

POWER : +24 V

Factory-set position : POWER

S35: G-TALLY Power Supply Voltage Select switch

Selects the power supply voltage when switch S33 is set to POWER.

TTL : +5 V

POWER : +24 V

Factory-set position : POWER

S36: 4:3 Marker Mix Signal Select switch

Selects whether to insert a 4:3 marker mix signal into the HD-SDI MONITOR output signal.

OFF : Does not insert

ON : Inserts

Factory-set position : OFF

S37: 4:3 Modulation Mix Signal Select switch

Selects whether to insert a 4:3 modulation signal into the HD-SDI MONITOR output signal.

OFF : Does not insert

ON : Inserts

Factory-set position : OFF

S38: Reserved for PREP

Not used

S40: ENG Clearcom Level Select switch

Selects the ENG line level when switch S24 is set to RTS.

CLEAR : Clearcom level

RTS : RTS level

Factory-set position : CLEAR

S41: PROD Clearcom Level Select switch

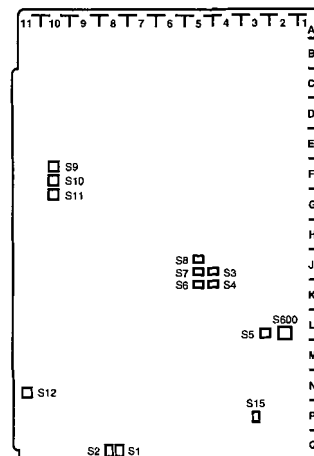
Selects the PROD line level when switch S25 is set to RTS.

CLEAR : Clearcom level

RTS : RTS level

Factory-set position : CLEAR

1-4-4. IF-704 Board



S1: SC Phase (Coarse) switch

Coarsely adjusts the SC phase when switch S31 is set to “LOCAL” and when switch S15 is set to “IF”.

Factory-set position : 8

S2: H Phase (Coarse) switch

Coarsely adjusts the H phase when switch S31 is set to “LOCAL” and when switch S15 is set to “IF”.

Factory-set position : 8

S3: Not used

S4: Sequential Output Mode Setting for Waveform Monitor

Selects the sequential output signal of a WF OUT connector.

3WAVE : Three waveforms

4WAVE : Four waveforms

Factory-set position : 3WAVE

S5: Not used

S6: Not used

S7: Setup Select switch

Selects whether to add a SET UP signal to the SD VBS signal.

ON : Adds

OFF : Does not add

Factory-set position : ON (For UC)

OFF (For J)

S8: G/Y Sync Select switch

Selects whether to add a Sync signal to the SD G/Y signal.

ON : Adds

OFF : Does not add

Factory-set position : ON

S9: D2 Horizontal Video Phase Select switch-1

Factory use

Factory-set position : E

S10: D2 Horizontal Video Phase Select switch-2

Factory use

Factory-set position : A

S11: D2 Horizontal Video Phase Select switch-3

Factory use

Factory-set position : 3

S12-1: Color Bars Control switch

Selects whether to control the ON/OFF operation of a color bars signal built into the encoder by MSU.

ON : Controls

OFF : Does not control

Factory-set position : ON

S12-2: Color Bars Select switch

Selects the type of a color bars signal built into the encoder.

SMPTE : SMPTE color bars signal

EIAJ : EIAJ color bars signal

Factory-set position : SMPTE

S15: SC-H Hysteresis ON/OFF select switch

Selects whether to add hysteresis to the SC-H detector circuit.

ON : Adds

OFF : Does not add

Factory-set position : ON

S600: D2 SC Phase Select switch

Factory set

Note

Be sure to use this switch with factory-set position.

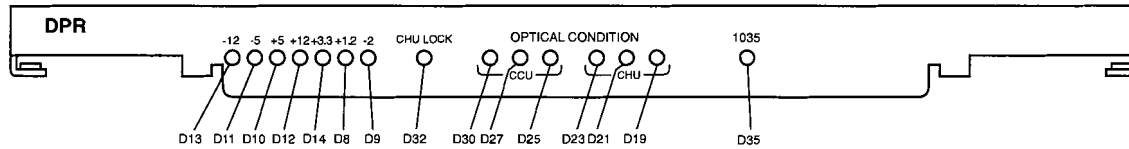
1-4-5. ADA-50 Board**S1: Test switch**

Factory use

Factory-set position : All OFF

1-5. Functions of LEDs and Switches on the Front Panel of Board

1-5-1. DRP-108 Board



D13, D11, D10, D12, D14, D8 and D9: Power Supply display

Light when each voltage used in this unit is supplied normally.

D32: CHU LOCK display

Lights when the communication with the connected camera is performed normally.

D30, D27 and D25: OPTICAL CONDITION (CCU) display

Display the level of light received by HDCU-700A. (0 dBm = 1 mW)

D30 (green) lights : Normal (The photo-receptive level is more -17 dBm.)

D27 (yellow) lights : Normal (The photo-receptive level is -17 to -20 dBm.)

D25 (red) lights : Abnormal (The photo-receptive level is under -20 dBm.)

Note

Be sure to clean the optical connector or optical composite cable when D25 (red) lights. It is also recommended to clean it when D27 (yellow) lights. For more details on cleaning, refer to Section 2-4.

Reference

The photo-receptive level is attenuated approximately 0.5 dB per cable of 1 km.

It is attenuated approximately 0.5 dB per each relay connector.

D23, D21 and D19: OPTICAL CONDITION (CHU) display

Display the level of light received by the camera. (0 dBm = 1 mW)

D23 (green) lights : Normal (The photo-receptive level is more than -17 dBm.)

D21 (yellow) lights : Normal (The photo-receptive level is -17 to -20 dBm.)

D19 (red) lights : Abnormal (The photo-receptive level is under -20 dBm.)

All OFF : Out of sync with camera
(and CHU LOCK (D32) lamp lights off).

Note

Be sure to clean the optical connector or optical composite cable when D19 (red) lights. It is also recommended to clean it when D21 (yellow) lights. For more details on cleaning, refer to Section 2-4.

Reference

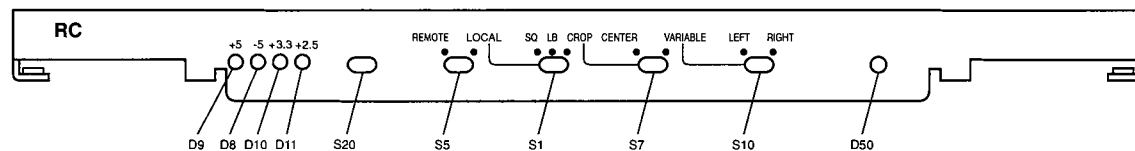
The photo-receptive level is attenuated approximately 0.5 dB per cable of 1 km.

It is attenuated approximately 0.5 dB per each relay connector.

D35: 1035 Lines display

Lights when the number of active video lines is 1035 lines.

1-5-2. RC-70 Board



D9, D8, D10 and D11: Power Supply display

Light when each voltage is normally supplied on the RC-70 board.

S20: Not used

S5: Aspect REM/LOC Select switch

Refer to Section 1-4-2.

S1: Aspect Select switch

Refer to Section 1-4-2.

S7: Crop Position Select switch

Refer to Section 1-4-2.

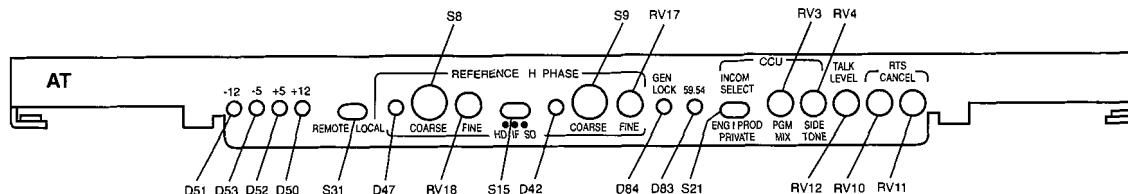
S10: Crop Position Adjustment switch

Refer to Section 1-4-2.

D50: Factory use

Lights when switch S22 on the RC-70 board is not set to "525i".

1-5-3. AT-103A Board



D51, D53, D52 and D50: Power Supply display

Light when each voltage is normally supplied on the AT-103A board.

S31: Genlock REM/LOC Select switch

Selects the way to control an external sync signal. (Refer to Section 1-4-3.)

REMOTE : By external control equipment

LOCAL : By switch on AT-103A board

D47: Genlock Signal (HD) display

Lights when the sync signal mode is set to "HD" (59.94/60) and when an HD sync signal is input to the REFERENCE IN (HD) connector.

Notes

What the sync signal mode is set to "HD" (59.94/60) means of the conditions below.

- Switch S31 is set to "LOCAL", and switch S15 is set to "HD".
- Switch S31 is set to "REMOTE", and the sync signal mode is set to "HD" (59.94/60) by external control equipment.
- Switch S30 on the AT-103A board is set to "60".

Note

D47 lights even if CCU field frequency mode does not agree with V period of input reference signal. However, D84 does not light.

S8: H PHASE (COARSE) switch

Coarsely adjusts the H phase when switch S31 is set to "LOCAL" and when switch S15 is set to "HD".

RV18: H PHASE (FINE) control

Finely adjusts the H phase when switch S31 is set to "LOCAL" and when switch 15 is set to "HD".

S15: Genlock Signal Select switch

Selects the type of an external sync signal when switch S31 is set to "LOCAL" and when the V period is 59.94 Hz. (Refer to Section 1-4-3.)

HD : HD three-state sync

IF : SC synchronization is established by a VBS or BB (black burst) signal.

SD : 525 composite sync

D42: Genlock Signal (SD) display

Lights when the sync signal mode is set to composite SYNC using an SD (59.94) signal and when a 525 composite signal is input to the REFERENCE IN (SD) connector.

Note

What the sync signal mode is set to composite SYNC using an SD (59.94) signal means one of the conditions below.

- Switch S31 is set to “LOCAL” and switch S15 is set to “SD”.
- Switch S31 is set to “REMOTE” and the sync signal mode is set to composite sync using an SD (59.94) signal by external control equipment.

S9: H PHASE (COARSE) switch

Coarsely adjusts the H phase when switch S31 is set to “LOCAL” and when switch S15 is set to “SD”.

RV17: H PHASE (FINE) control

Finely adjusts the H phase when switch S31 is set to “LOCAL” and when switch S15 is set to “SD”.

D84: GENLOCK display

Lights when external synchronization is established.

D83: 59.94 Mode display

Lights when switch S30 on the AT-103A board is set to “59.94”.

For more details on S30, refer to Section 1-4-3.

When D83 goes off, the unit automatically enter the HD mode.

S21: Front INCOM Input Select switch

Refer to Section 1-4-3.

RV3: PGM MIX Level Adjustment control

Adjusts the level of a PGM signal inserted into an INCOM line.

RV4: SIDE TONE Level Adjustment control

Adjusts the level of a side tone signal inserted into an INCOM line.

RV12: TALK Level Adjustment control

Adjusts the private talk level of an INCOM line.

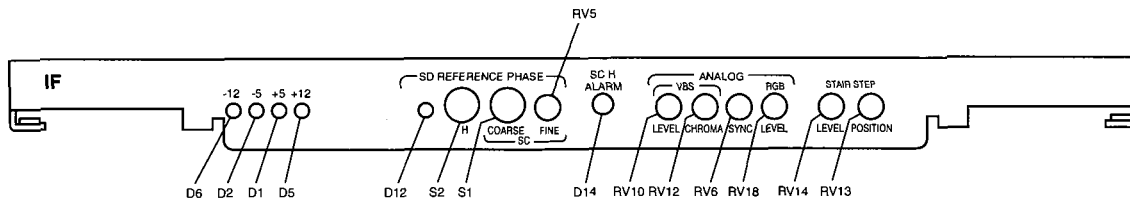
RV10: INCOM1 (PROD) RTS CANCEL Level Adjustment control

Adjusts the cancel level of an INCOM1 (PROD) line when an RTS intercom system is used.

RV11: INCOM2 (ENG) RTS CANCEL Level Adjustment control

Adjusts the cancel level of an INCOM2 (ENG) line when an RTS intercom system is used.

1-5-4. IF-704 Board



D6, D2, D1 and D5: Power Supply display

Light when each voltage is normally supplied on the IF-704 board.

D12: Genlock Signal (SD) display

Lights when the sync signal mode is set to the composite (D2) mode using an SD (59.94) signal (refer to the description below), and when a BB (black burst) or VBS signal is input to the REFERENCE IN (SD) connector.

Note

What the sync signal mode is set to the composite (D2) mode using an SD (59.94) signal means one of the conditions below.

- Switch S31 on the AT-103A board is set to “LOCAL” and switch S15 on the AT-103A board is set to “IF”. (Field frequency : 59.94 Hz)
- Switch S31 on the AT-103A board is set to “REMOTE” and the sync signal mode is set to the composite (D2) mode using an SD (59.94) signal by external control equipment.

S2: H PHASE (COARSE) switch

Coarsely adjusts the H phase when switch S31 on the AT-103A board is set to “LOCAL” and when switch S15 on the AT-103A board is set to “IF”.

S1: SC PHASE (COARSE) switch

Coarsely adjusts the SC phase when switch S31 on the AT-103A board is set to “LOCAL” and when switch S15 on the AT-103A board is set to “IF”.

RV5: SC PHASE (FINE) control

Finely adjusts the SC phase when switch S31 on the AT-103A board is set to “LOCAL” and when switch S15 on the AT-103A board is set to “IF”.

D14: SC H ALARM display

Lights when the SC H phase is shifted more than approximately ± 50 degrees.

RV10: ENC LEVEL Adjustment control

Adjusts the ENC levels of VBS-1/2, PIX, and WFM signals output from the IF-704 board.
(Factory-set position : Mechanical center position)

RV12: CHROMA LEVEL Adjustment control

Adjusts the CHROMA levels of VBS-1/2, PIX, and WFM signals output from the IF-704 board.
(Factory-set position : Mechanical center position)

RV6: SYNC Level Adjustment control

Adjusts the sync levels of VBS-1/2, PIX, and WFM signals output from the IF-704 board.
(Factory-set position : Mechanical center position)

RV18: RGB LEVEL Adjustment control

Adjusts the level of an R/G/B or Y/R-Y/B-Y signal output from the IF-704 board.

(Factory-set position: Mechanical center position)

RV14: STAIR STEP LEVEL Adjustment control

Adjusts the level of a stair step signal for a waveform monitor.

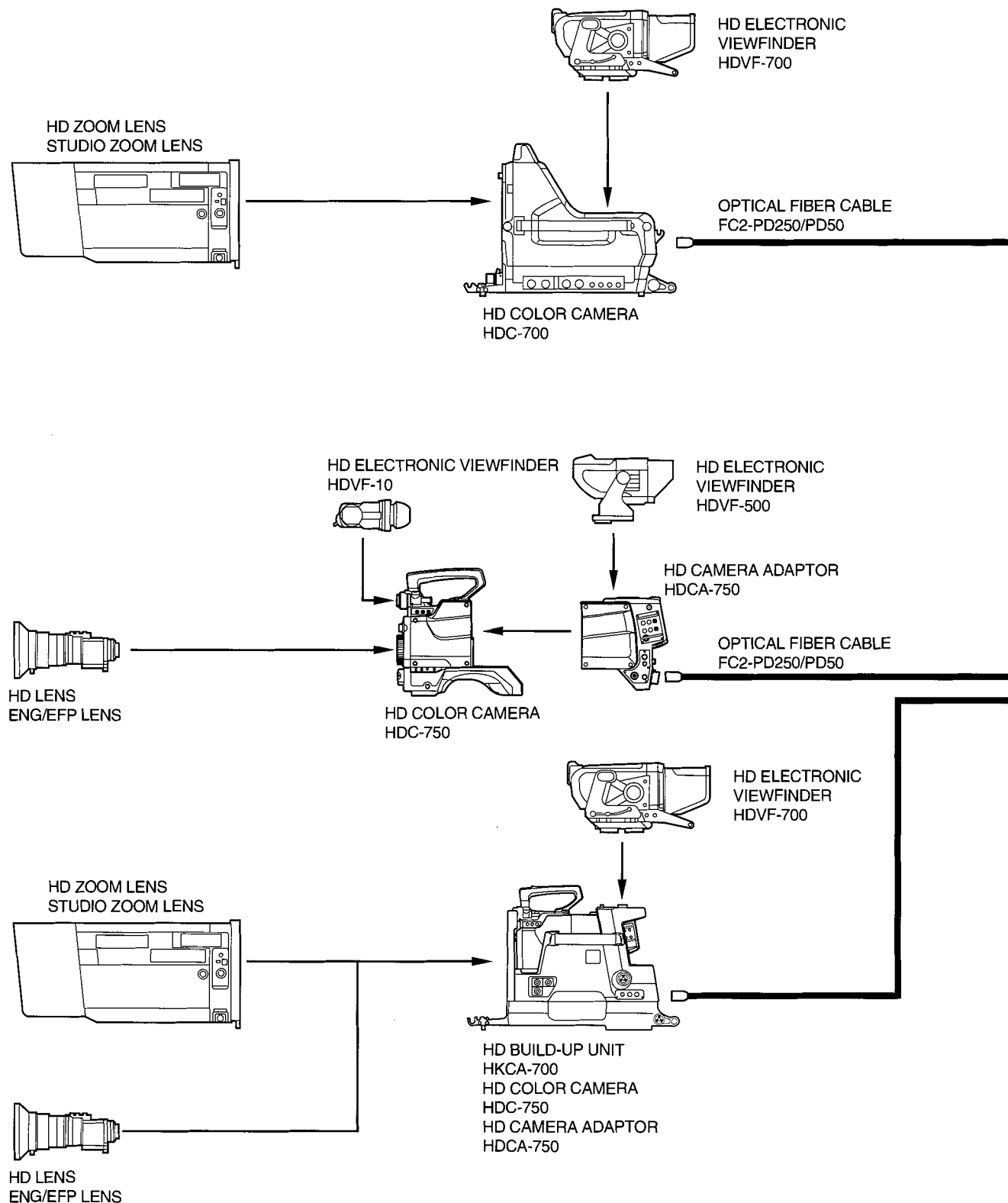
(Refer to Section 3-5-4.)

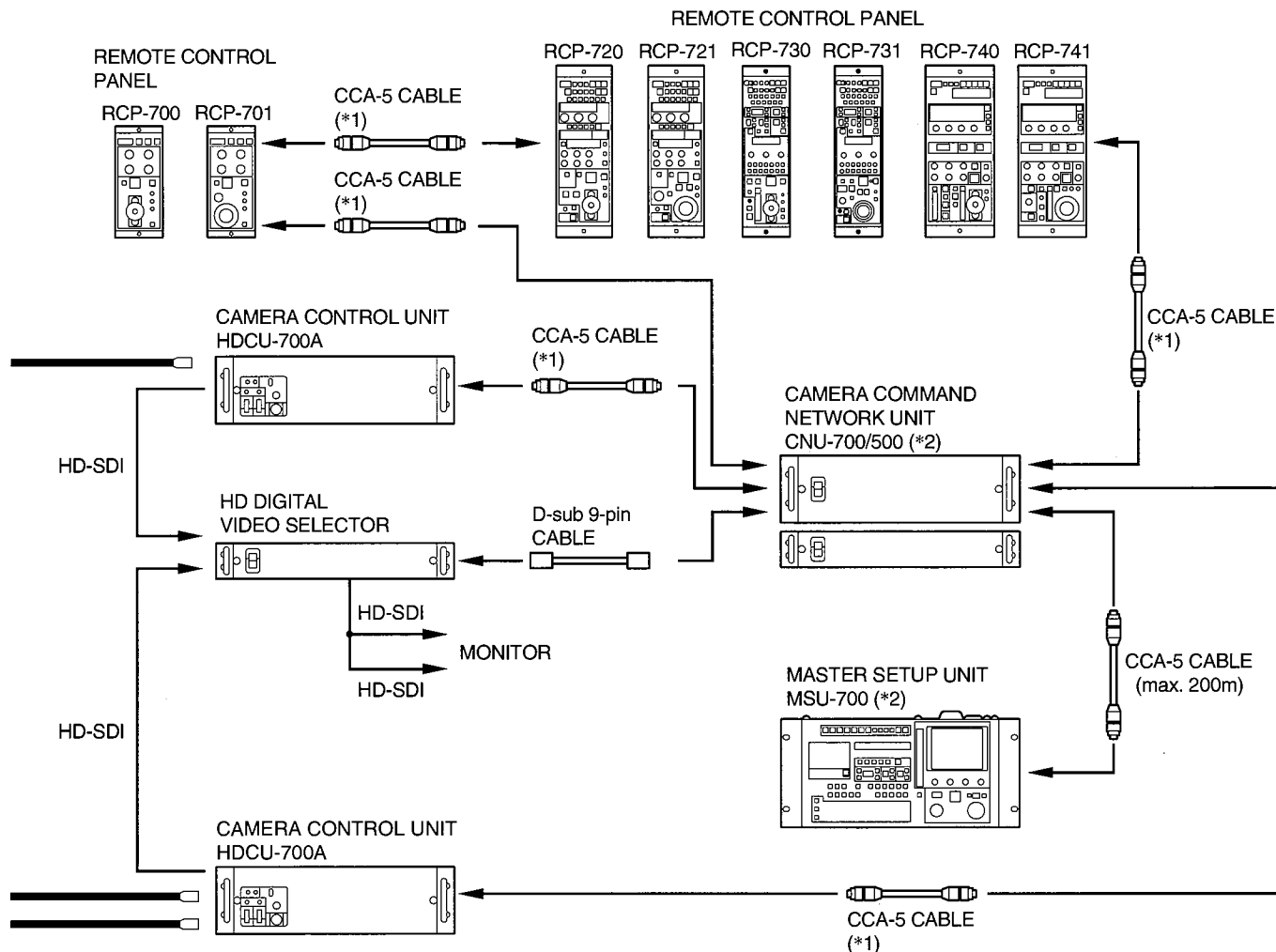
RV13: STAIR STEP POSITION Adjustment control

Adjusts the position of a stair step signal for a waveform monitor.

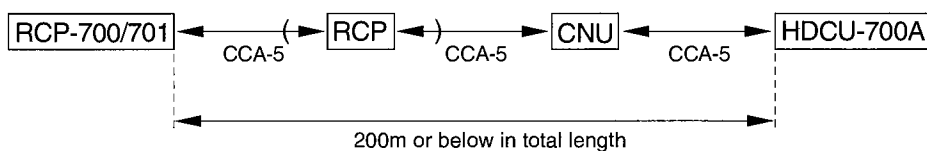
(Refer to Section 3-5-4.)

1-6. Instance of System Configuration





*1: CCA-5 cable length



*2: Installation of HD Master Set-up Kit HKCF-700 is needed.

Optional Accessories

For HDC-700	SCRIPT HOLDER : BKP-7911/7912
For HDC-750	ELECTRET CONDENSER MICROPHONE : ECM-MS5
	MICROPHONE : C-74 (Sony P/N 1-542-099-11)
	CRADLE SUSPENSION : CRS-3P
	CARRYING CASE : LC-303SFT
For HDCU-700A	NTSC ENCODER BOARD : HKCU-701A
	HD ANALOG INTERFACE : HKCU-702

Section 2

Service Overview

2-1. Notes on Service

2-1-1. Extension Board

The extension board is available to check each printed circuit board and to perform adjustment.

Extension board	Sony P/N	To be extended
BKP-7900 or JX-428*1)	— J-6394-280-A	AT-103A DPR-108 RC-70 IF-704 (HKCU-701A)
EX-525	J-6480-040-A	DIF-40 VDA-35 (HKCU-701A) ADA-50 (HKCU-702)

*1) This extension board is able to check the underside of the board.

2-1-2. Notes on Repair Parts

1. Safety Related Components Warning

Components marked $\triangle$ 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. Units Representation

The following represented units are changed or omitted in writing.

Units		Representation
Capacitance	μ F	uF
Inductance	μ H	uH
Resistance	Ω	Abbreviation
Temperature	$^{\circ}$ C	XXX-DEG-C

2-1-3. Notes on Optical Connector Cable

Optical connector cables used in the unit are very fragile. So do not bend or yank in handling. This causes a break in the cable.

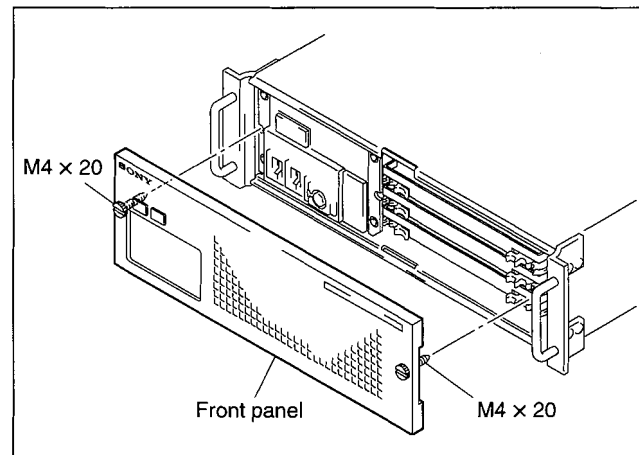
2-2. Replacing Main Parts

2-2-1. Removing Front Panel

Loosen the two screws (M4 $\times$ 20) and then remove the front panel.

Note

Stoppers are provided for these screws.



2-2-2. Removing and Installing Rear Panel

Notes

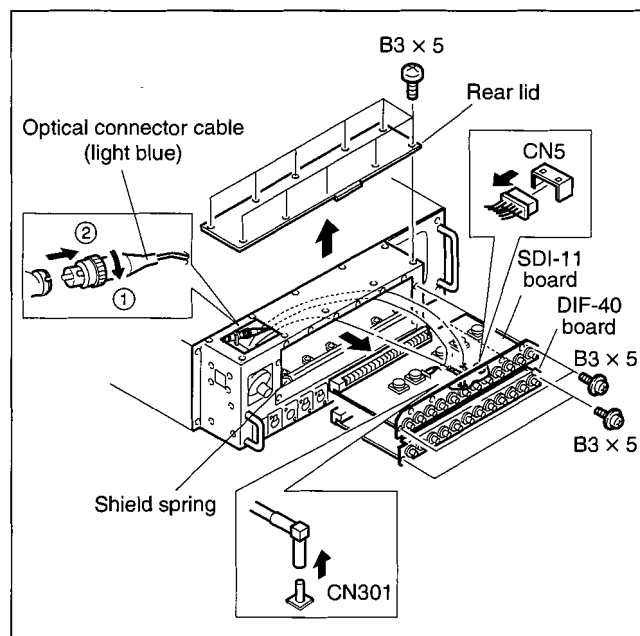
- Optical connector cables used in the unit are very fragile. So do not bend or yank in handling. This causes a break in the cable.
- It is difficult to remove the plug-in board at the rear panel side, connect the BNC connector to the board and remove the board by pulling the BNC connector.

- Remove the ten screws (B3 × 5) and then remove the rear lid.
- Remove the eight screws (B3 × 5) and then pull out the SDI-11 board.

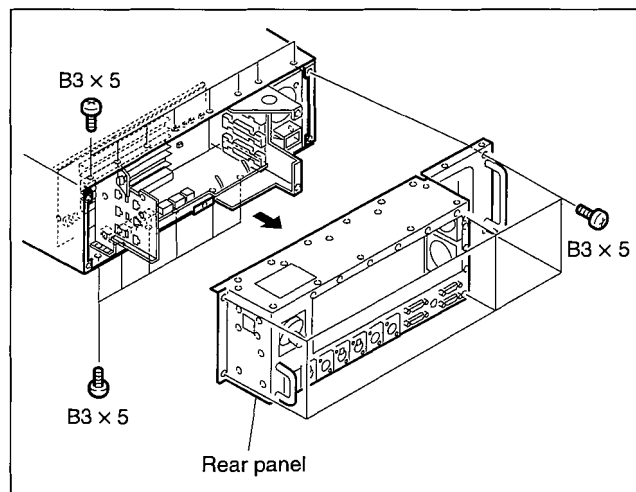
CAUTION

Never touch the shield spring with bare hands.
The shield spring has a sharp edge.

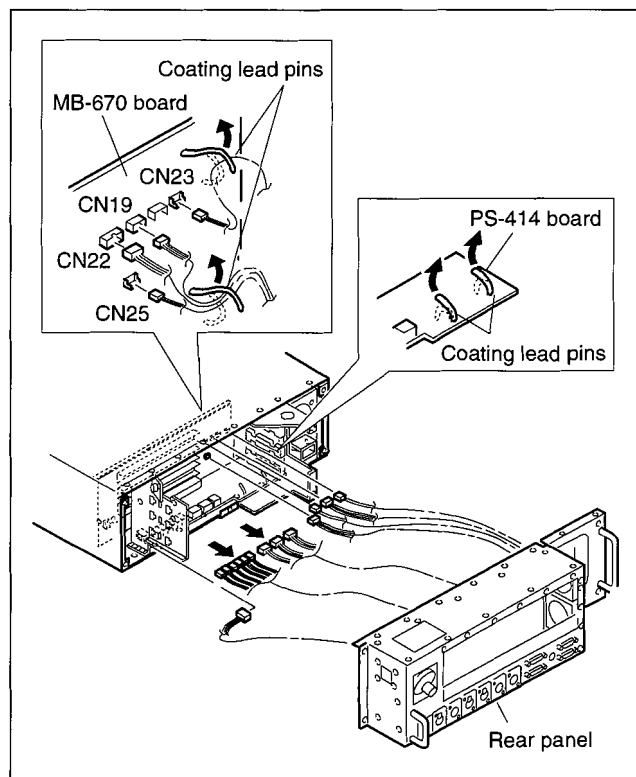
- Disconnect the connectors CN5 and the coaxial cable CN301 on the SDI-11 board.
- Disconnect the optical connector cable (light blue) and then remove the SDI-11 board from the rear panel.
- Remove the two screws (B3 × 5) and then remove the DIF-40 board.



- Remove the twenty screws (B3 × 5) and then pull out the rear panel toward you.



- Disconnect the four connectors (CN19, CN22, CN23 and CN25) on the MB-670 board and pull up the two coating lead pins.
- Disconnect all connectors (CN4 to CN13) and pull up the two coating lead pins.

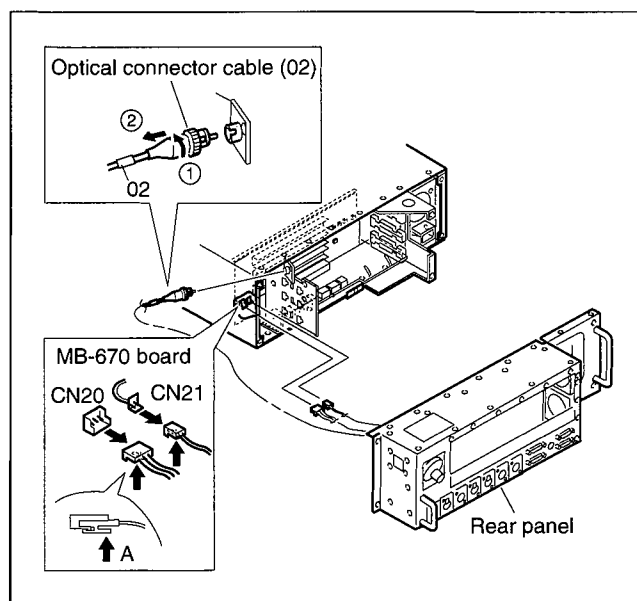


9. Disconnect the connectors CN20 and CN21 on the MB-670 board.

Note

The connector CN20 is the VH type connector. Push the portion A to release the lock. Then disconnect the connector CN20.

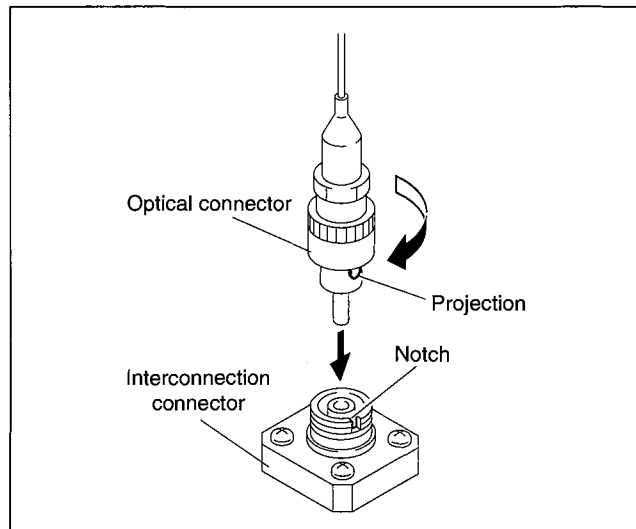
10. Disconnect the optical connector cable(02) and then remove the rear panel.



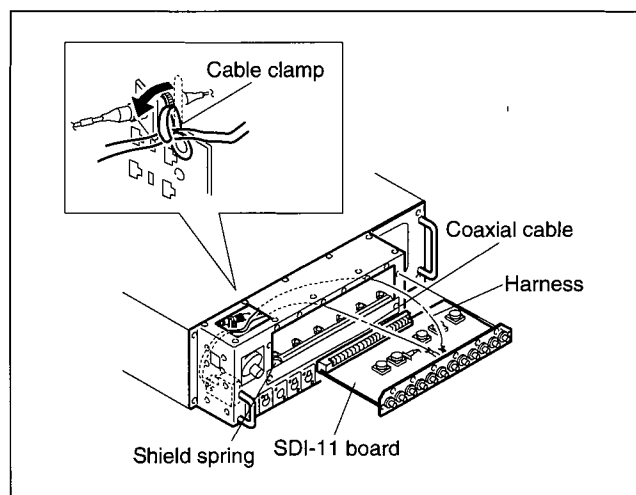
11. Install the rear panel in the reverse order of removal.

Notes on installing

- Before connecting the optical connector, clean the white optical contact at the tip of connector with alcohol.
- Align the projection of the connector with the notch of the interconnection connector in connecting.



- In installing the rear panel, be careful not to pinch the harnesses between the chassis and rear panel.
- In installing the plug-in board at the rear panel side, be careful not to deform the shield spring.
- Route the harness and the coaxial cable connected to the SDI-11 board as shown in the figure, and clamp them with the cable clamp.



- Route the optical connector cable connected to the SDI-11 board as the previous routing before removal.
- When installing the SDI-11 board, be careful not to pinch the optical connector cable between the board-to-board connectors on the MB-670 board which is connected with SDI-11 board.

2-2-3. Replacing Power Unit

CAUTION

To avoid electric shock hazards, be sure to turn off the power during replacement. To turn off the power, disconnect the power cable, allow three minutes or more after powering off until the inside cools off.

1. Remove the front panel. (Refer to Section 2-2-1.)
2. Loosen the four screws (PWH4 × 10), and remove the power unit while pushing the fan at the rear of the power unit.

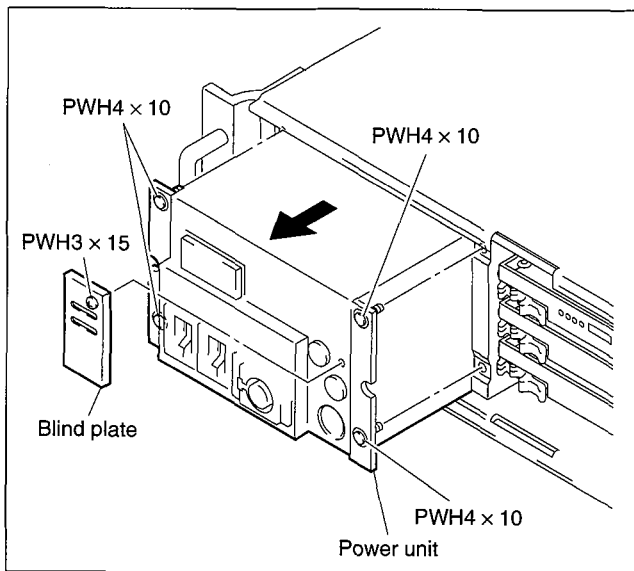
CAUTION

If the power unit replacement is mistaken, injury could occur by dropping of the power unit.

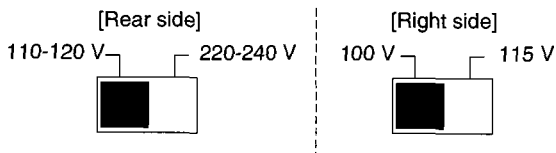
Remove the power unit with care.

Note

The four fixing screws of the power unit cannot be removed from the power unit, because the stoppers are provided for them.



3. Set the two voltage selectors of the new power unit as illustrated.



Note

If making the other voltage setting, please contact Sony's service organization.

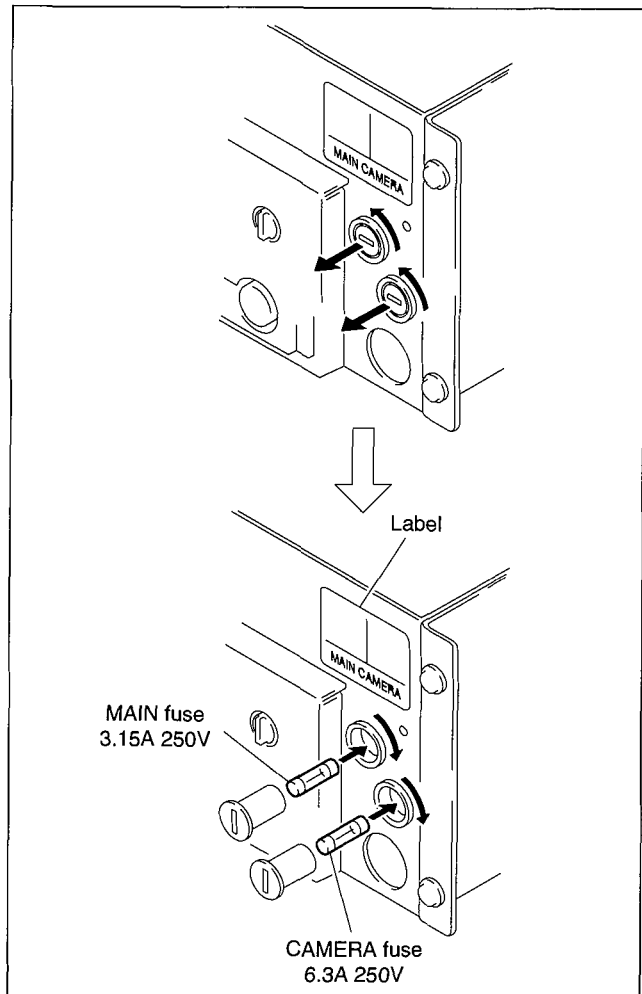
4. Install the power unit and tighten the four screws (PWH4 × 10).
5. After the replacement is complete, connect the power cord and turn on the power, and check the power unit operates normally.

2-2-4. Replacing Fuse

CAUTION

- To avoid electric shock hazards, be sure to turn off the power during replacement of fuse. To turn off the power, disconnect the power cable, allow three minutes or more after powering off until the inside cools off.
- Before replacing the fuse, remove the cause of short circuit (foreign materials etc.).

1. Remove the front panel. (Refer to Section 2-2-1.)
2. Loosen the screw (+PWH3×15) and remove the blind plate.
3. Remove the two defective fuses. And then put the supplied fuses into each fuse holder according to the label indications.



2-2-5. Replacing DC Fan Motor

CAUTION

If the fan is out of order, the inside temperature of the unit will rise. Touching the inside in this state may cause a burn. When replacing the fan, allow a few minute after powering off until the inside cools off.

DC fan motor is in the rear panel.

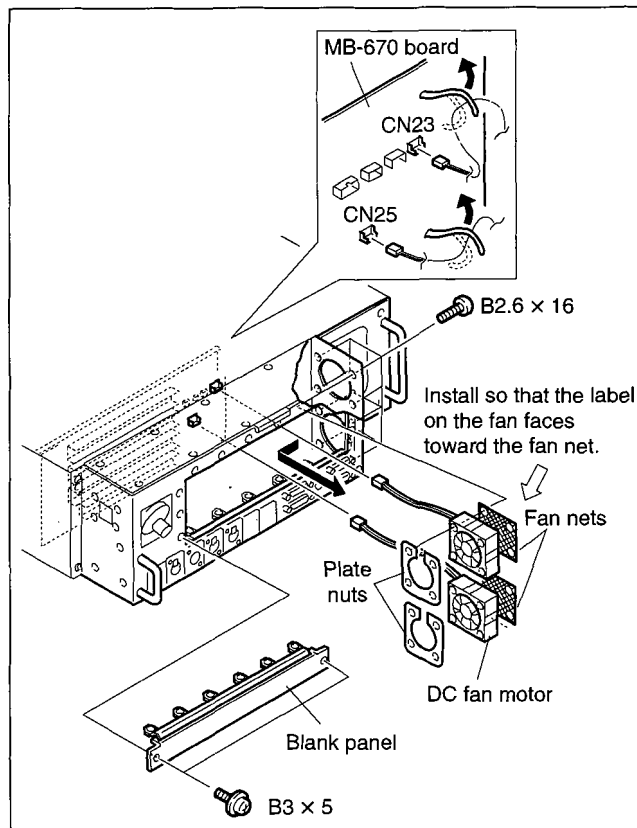
When replacing the DC fan motor, follow the described procedure below.

Recommended replacement hours(H)	Name
30,000 H	DC fan motor

Note

When replacing the DC fan motor, be sure to turn the power off, and then disconnect the power cord.

1. Remove the SDI-11 and DIF-40 boards. (Refer to "2-2-2. Removing and Installing Rear Panel" steps 1 to 5.)
2. Remove the two screws (B3 × 5) and then remove the blank panel.
3. Disconnect the connectors CN23 and CN25 on the MB-670 board.
4. Remove the four screws (B2.6 × 16) and then remove the DC fan motor and fan net.



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

Note on installing

Install the fan to the unit with care so that the label faces toward outside.

And install it so that the harness is positioned as shown in the figure.

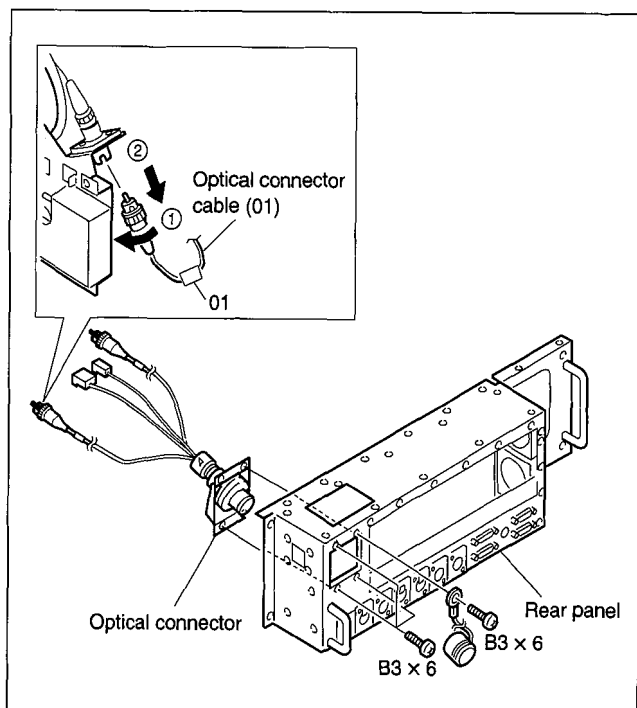
Improper installation causes the trouble of overheating inside the unit.

2-2-6. Replacing Optical Connector

Note

Optical connector cable used in the unit are very fragile. So do not bend or yank in handling. This causes a break in the cable.

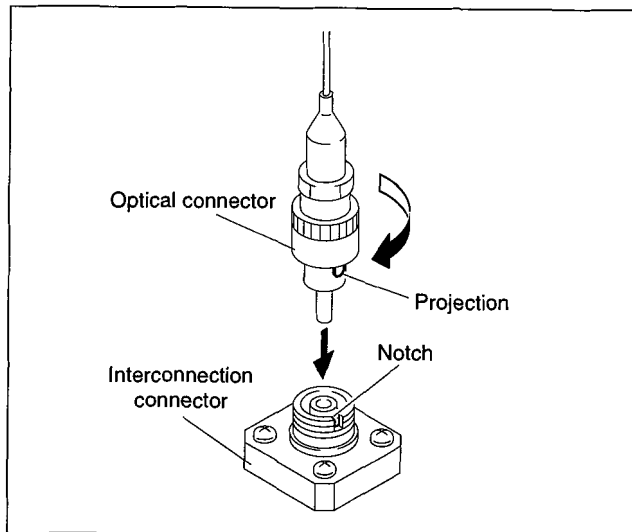
1. Remove the rear panel. (Refer to Section 2-2-2.)
2. Disconnect the optical connector cable(01).
3. Remove the four screws(P3 × 8) and pull out the optical connector with harness.



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

Notes on installing

- Remove a cap at each tip of the new optical connector cables just before being connected to the mate connector. Before connecting, clean the tips of connector of the white contact with alcohol.
- Align the projection of the connector with the notch of the interconnection connector in connecting.



2-2-7. Replacing Lithium Battery

CAUTION

When replacing battery, use a designated part and connect in correct polarity. If not, there is a danger of explosion or heating.

The unit has the lithium battery on the AT-103A board. When replacing battery, be sure to use the following part.

Lithium battery: CR2025(commmercially available)

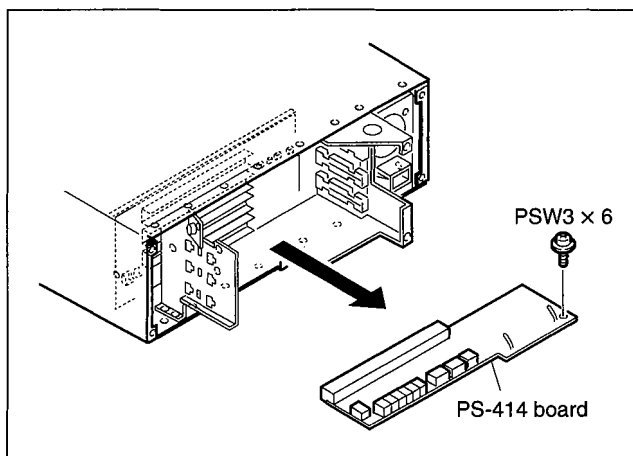
2-3. Replacing Circuit Board

2-3-1. Note on Replacement of Parts

Every electrical part mounted on the SDI-11 and RX-28 boards cannot be replaced. If there is any defective parts, replace the board itself.

2-3-2. Replacing PS-414 Board

1. Remove the rear panel. (Refer to Section 2-2-2.)
2. Remove the screw (PSW3 × 6) and then remove the PS-414 board.



3. Install the PS-414 board in the reverse order of removal.

2-3-3. Replacing SDI-11 Board

Notes

- Every electrical part mounted on the SDI-11 board cannot be replaced. If there is any defective part, replace the board itself.
- Optical connector cable used in the unit is very fragile. So do not bend or yank in handling. This causes a break in the cable.

For the replacement procedures, refer to “2-2-2. Removing and Installing Rear Panel” steps 1 to 4.

2-3-4. Replacing RX-28 Board

Notes

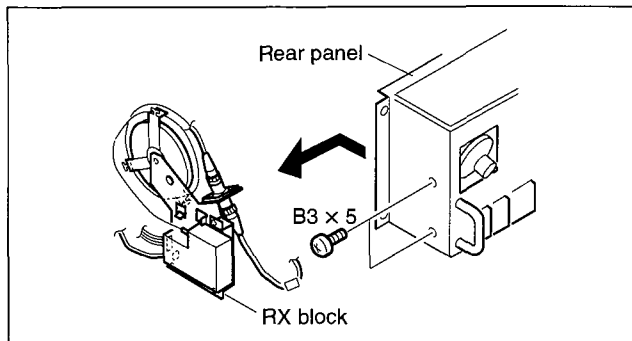
- Every electrical part mounted on the RX-28 board cannot be replaced. If there is any defective parts, replace the board itself.
- Optical connector cable used in the unit is very fragile. So do not bend or yank in handling. This causes a break in the cable.

1. Remove the rear panel. (Refer to Section 2-2-2.)
2. Remove the three screws (B3 × 5) and then remove the RX block from the rear panel.

Note

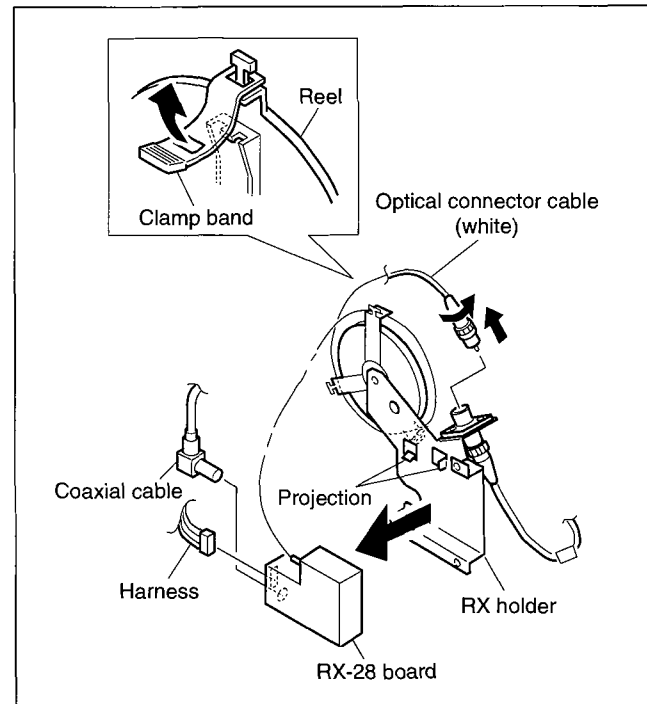
RX-28 board is not fixed to the RX holder.
If the RX-28 board or RX holder drops after three screws removal, the optical connector cable may be damaged.

Be careful attention to handling.



3. Remove the optical connector cable(white) on the RX-28 board.
Pull up the three clamp bands and remove the optical connector cable from the reel.

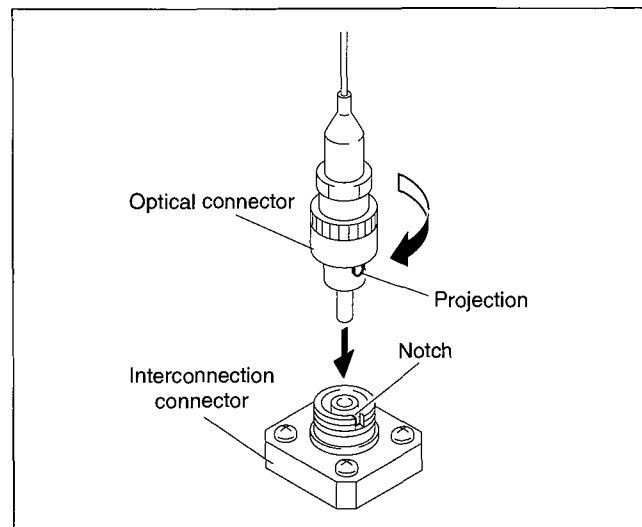
4. Disconnect the coaxial cable and the harness on the RX-28 board.



5. Install the RX-28 board in the reverse order of removal.

Notes on installing

- Match the RX-28 board with the projection of the RX holder.
- Loop the optical connector cable over the reel, and clamp it with the clamp band.
- Before connecting the optical connector, clean the white optical contact at the tip of connector with alcohol.
- Align the projection of the connector with the notch of the interconnection connector in connecting.



2-4. Cleaning Optical Connector

The photo-receptive condition of optical connector be able to be checked by the LED on the DPR-108 board. For details, refer to Section 1-5-1.

The attenuation of the photo-receptive level may cause transmission error between this unit and the camera. In the case of level attenuation, be sure to clean the optical contact portions proceeding as follows. The optical contact portions are provided with the optical connector, optical connector cable, and the connection connector which are connected between the SDI and RX boards.

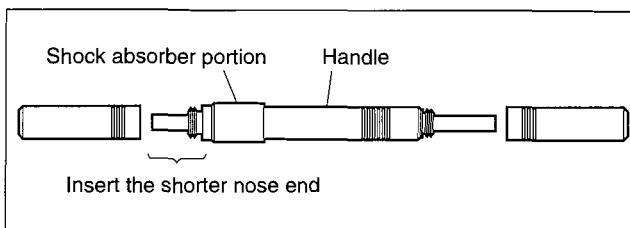
Tools Required

- Alignment sleeve remover HC-001
(for female connector)
Sony P/N: J-6480-010-A

Note

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

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

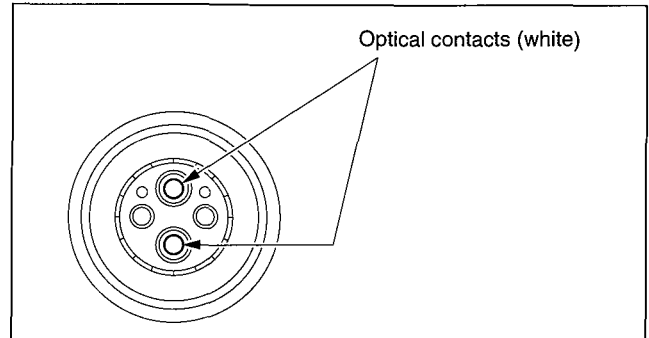


- Cotton swabs (commercially available)

Cleaning

Male connector

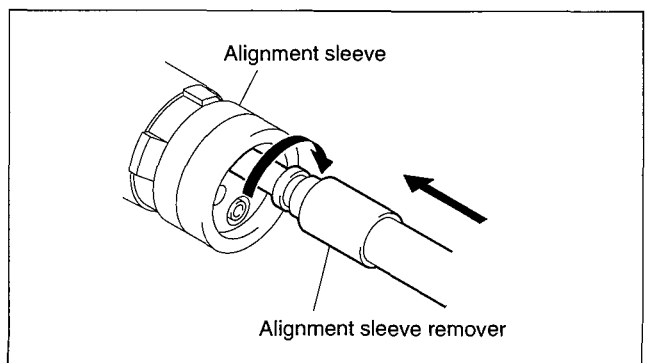
Clean the tip of the white optical contacts by a cotton swab moistened with alcohol.



Female connector

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

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



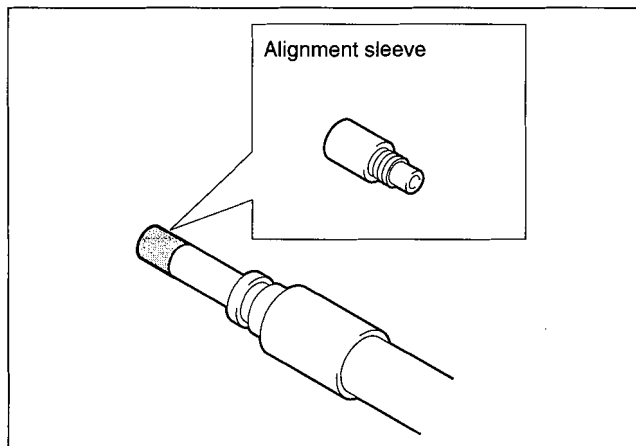
2. When the turn stops, pull out the remover in the straight line forcedly.

Note

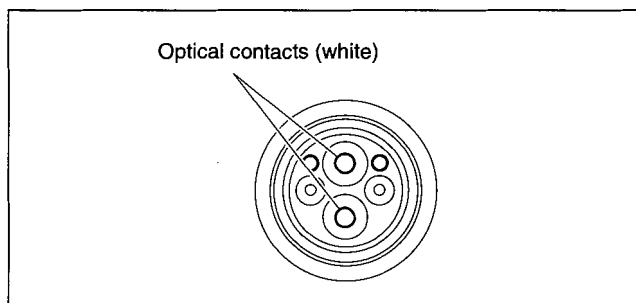
The alignment sleeve can be removed/reinstalled with the sleeve itself attached to the tip of the remover.

Great care should be taken so as not to lose or damage the alignment sleeve.

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



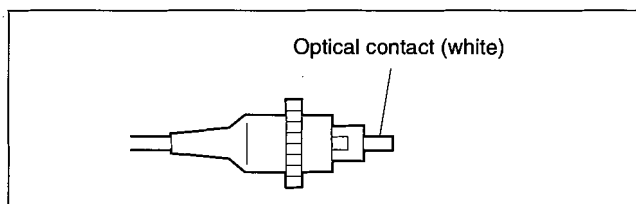
3. Clean the tip of the white optical contacts by a cotton swab moistened with alcohol.



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

Optical connector cable

After replacing the optical connector of the camera or HDCU, or replacing the SDI-11/RX-28 board, clean the tip of the white optical contact of the optical connector cable by a cotton swab moistened with alcohol.



Section 3

Electrical Alignment

3-1. Preparations

3-1-1. Equipment Required

Equipment

- Oscilloscope (Band width 300 MHz or more)
Tektronix 2465 or equivalent
- HDVS waveform monitor
Tektronix 1735HD/1730HD or equivalent
- NTSC waveform monitor
Tektronix 1780R or equivalent
- Composite digital NTSC waveform monitor
Tektronix 1730D or equivalent
- NTSC signal generator
Tektronix 1410 or equivalent
- Audio signal generator
Tektronix SG-5010 or equivalent
- Audio analyzer
Tektronix AA-501A (OP.02) or equivalent
- Frequency counter

Peripheral Equipment

- HDVS camera system
HDC-700 (or HDC-750 + HDCA-750)
HDCU-700, MSU-700 + HKCF-700

Fixtures

- Extension board
BKP-7900
- Extension board
EX-525 (P/N: J-6480-040-A)

3-1-2. Notes on Adjustment

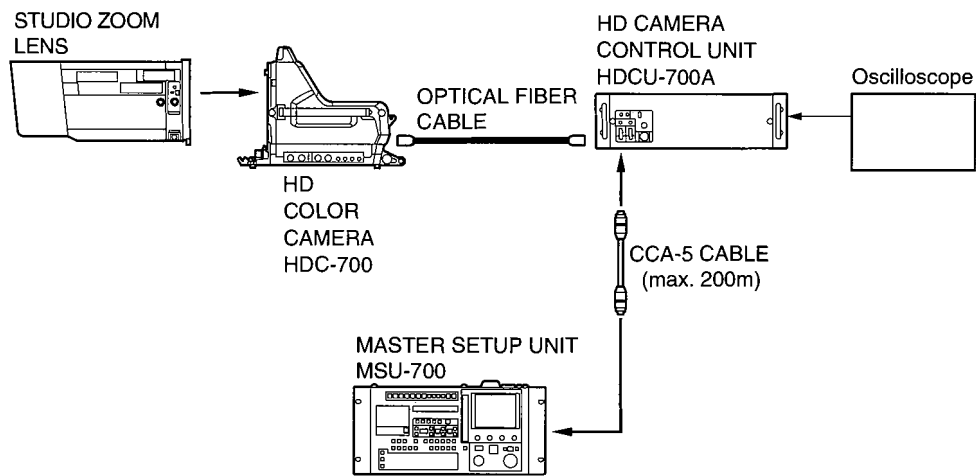
- All measuring equipment should be completely calibrated.
- As for initial settings before beginning adjustment should be completed, refer to Section 3-1-4.
- Alignment for HDC-700 (or HDC-750 + HDCA-750) and MSU-700 should be completed.
- Types of color-bar signal that are output from built-in signal generator.

Signal format	Y	C
HD-SDI	100 %	100 %
HD-Analog	100 %	100 %
SD-SDI (D1)	100 %	75 % *1
SD-Component-analog	100 %	75 % *1
SD-SDI (D2)	75 %	75 %
SD-Composite-analog	75 %	75 %

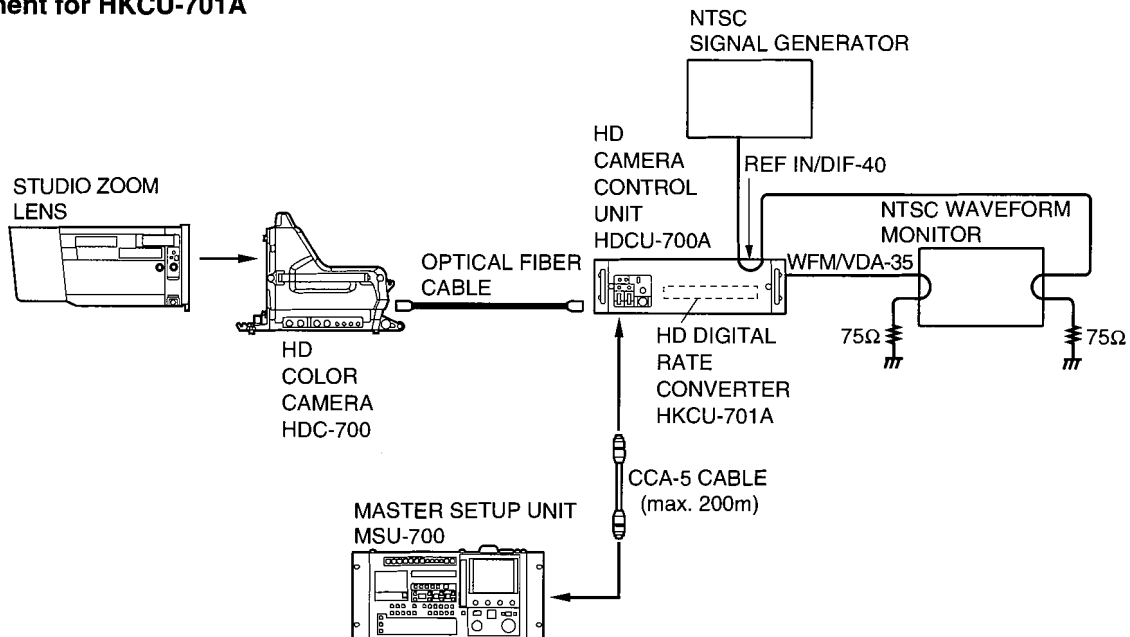
*1 : Set the switch S11-5 on the RC-70 board to the OFF position.
(Factory setting)

3-1-3. Connections

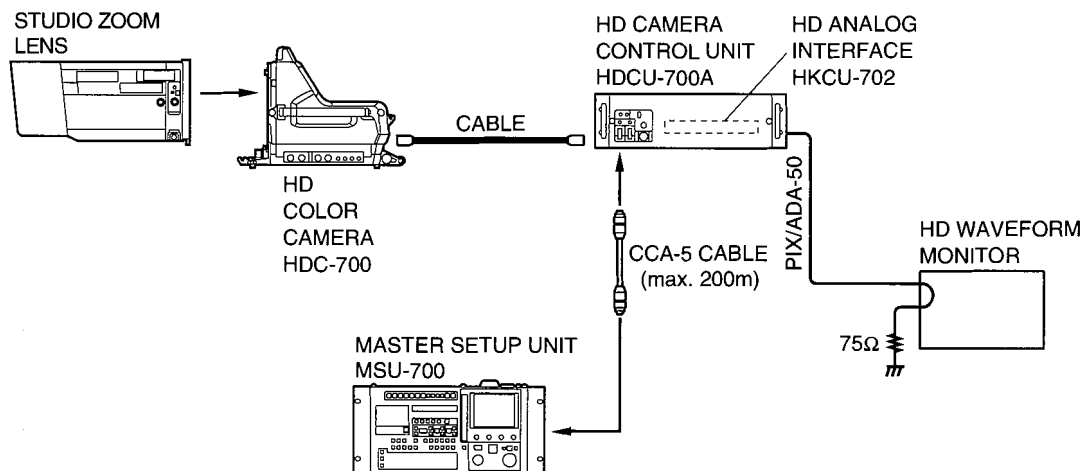
Adjustment for HDCU-700A



Adjustment for HKCU-701A



Adjustment for HKCU-702



3-1-4. Initial Settings

HDCU-700A

Note

When switching the following switches from a customer-set position, it is recommended to record the customer-set position in the table below. After adjustment is complete, be sure to return the switches to their customer-set position.

Board	Switch	Setting during adjustment	Customer-set position
AT-103A	S3	REMO	
	S10	All OFF	
	S11-1	ON	
	S15	IF	
	S16	0 dB	
	S17	0 dB	
	S18	0 dB	
	S19	0 dB	
	S20	2CH	
	S21	PROD	
	S22	OFF	
	S23	OFF	
	S24	4W	
	S25	4W	
	S31	LOCAL	
RC-70	S5	REMOTE	
	S6	D1	
	S8	D1	
	S9	YC4:2:2	
	S11-1	ON	
	S11-2	ON	
	S11-6	OFF	
	S11-7	OFF	
IF-704	S4	3WAVE	
	S7	ON (For UC)	
	S7	OFF ((For J)	
	S8	ON	
	S12-1	OFF	
	S12-2	SMPTE	
ADA-50	S1-5	OFF	

Be sure to set all the switches other than the above described switches to the factory default position. (Refer to Section 1-4.)

MSU-700 Operation Panel

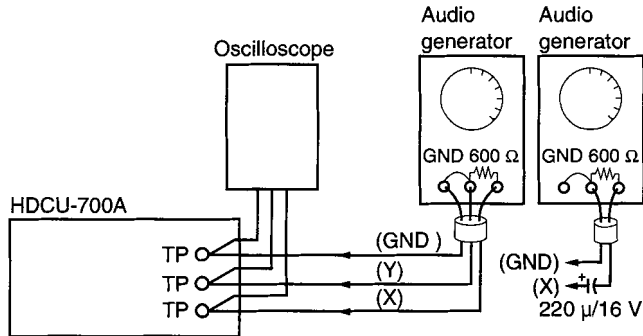
- Power supply/signal select buttons
 - ALL button → OFF (dark)
 - CAM PW button → ON (lit)
 - TEST 1 button → OFF (dark)
 - TEST 2 button → OFF (dark)
 - BARS button → OFF (dark)
 - CLOSE button → ON (lit)
- Camera/CCU circuit ON/OFF buttons
 - DETAIL OFF button → OFF (lit)
 - KNEE OFF button → ON (lit)
 - AUTO KNEE button → OFF (dark)
 - MATRIX OFF button → OFF (lit)
- AUTO SETUP buttons
 - LEVEL button → OFF (dark)
 - WHITE button → OFF (dark)
 - BLACK button → OFF (dark)

3-2. Audio System Adjustment

Note

Properly connect the measuring equipment as shown in the figure when adjusting.

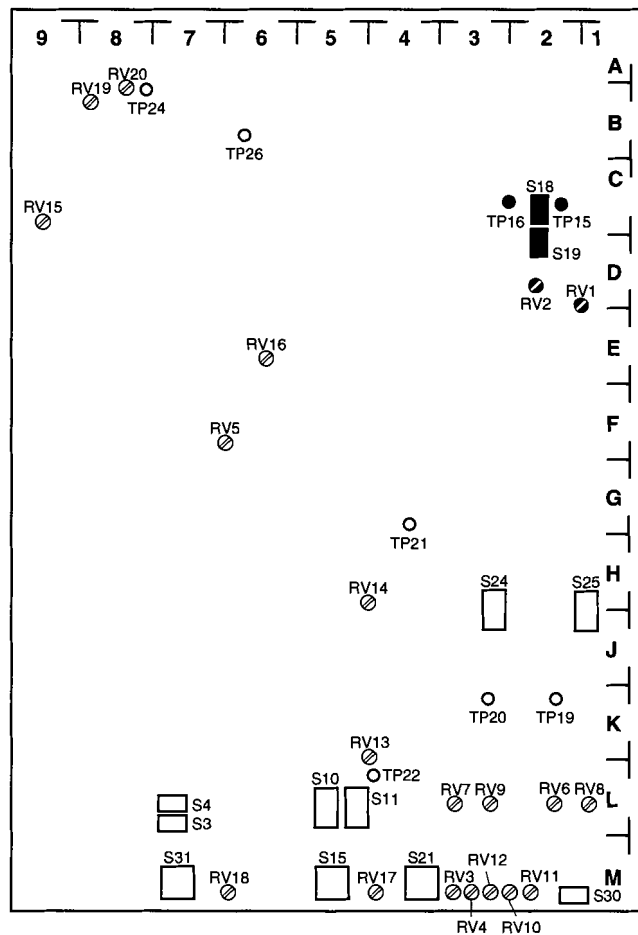
Connection



Preparations

- Extend the AT-103A board on the HDCU-700A
- Extend the AU-203 board of camera
- MIC switch/front panel → CARBON

After adjustment, return the switch to the former position.



AT-103A Board (Component side)

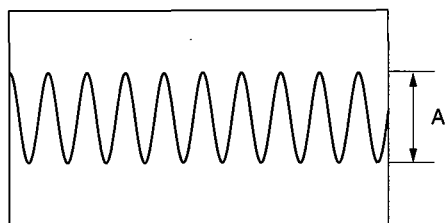
3-2-1. MIC Level Adjustment

Preparations

- S18 (C-2) /AT-103A board → 0 dB
- S19 (D-2) /AT-103A board → 0 dB

Adjustment Procedures

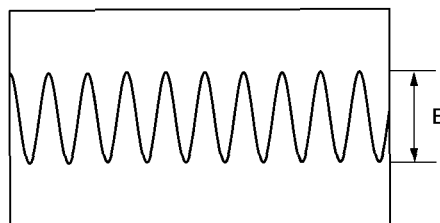
1. Supply a 1 kHz, 220 mV p-p (− 20 dBu) sine wave signal from the audio signal generator to pins 20 (X), 19 (Y) and 18 (G) on the extension board (extending AU-203).
2. Make the following setting using the setup menu.
MENU: Operation
PAGE: Audio
ITEM: Mic 1 Gain → − 20 dB
3. MIC 1 Level Adjustment
Equipment: Oscilloscope or Audio level meter
Test point: TP15 (C-2) /AT-103A board or
MIC OUT1 connector/rear panel
Adj. point: ●RV1 (D-2) /AT-103A board
Spec.: A = 1100 ± 50 mV p-p (− 6.0 $\pm$ 0.4 dBu)



4. Disconnect the audio generator.
5. Supply a 1 kHz, 220 mV p-p (− 20 dBu) sine wave signal from the audio signal generator to pins 15 (X), 16 (Y) and 17 (G) on the extension board (extending AU-203).
6. Make the following setting using the setup menu.
MENU: Operation
PAGE: Audio
ITEM: Mic 2 Gain → − 20 dB

7. MIC 2 Level Adjustment

- Equipment: Oscilloscope or Audio level meter
Test point: TP16 (C-2) /AT-103A board or
MIC OUT2 connector/rear panel
Adj. point: ●RV2 (D-2) /AT-103A board
Spec.: B = 1100 ± 50 mV p-p (− 6.0 $\pm$ 0.4 dBu)



3-2-2. 2-Wire Intercom Adjustment

Note

The following adjustment is necessary when the intercom is 2W system.

Preparations

- S21 (M-4) /AT-103A board → PROD
- S24 (J-3) /AT-103A board → 2W
- S25 (J-1) /AT-103A board → 2W

Adjustment Procedures

1. Supply a 1 kHz, 2.2 V p-p (0 dBu) sine wave signal from the audio signal generator to pins C53 (X) and B53 (G) on the extension board (extending AT-103A).

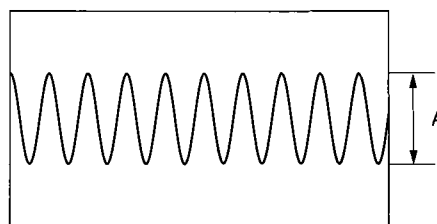
2. PROD Level Adjustment

Equipment: Oscilloscope or Audio level meter

Test point: TP19 (K-2) /AT-103A board

Adj. point: ⚙RV6 (L-2) /AT-103A board

Spec.: $A = 200 \pm 10 \text{ mV p-p } (-20.8 \pm 0.4 \text{ dBu})$



3. Supply a 1 kHz, 2.2 V p-p (0 dBu) sine wave signal from the audio signal generator to pins C50 (X) and B50 (G) on the extension board (extending AT-103A).

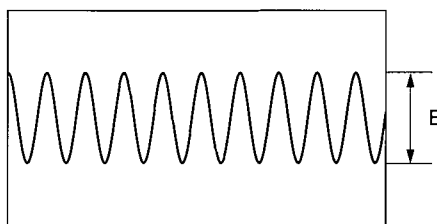
4. ENG Level Adjustment

Equipment: Oscilloscope or Audio level meter

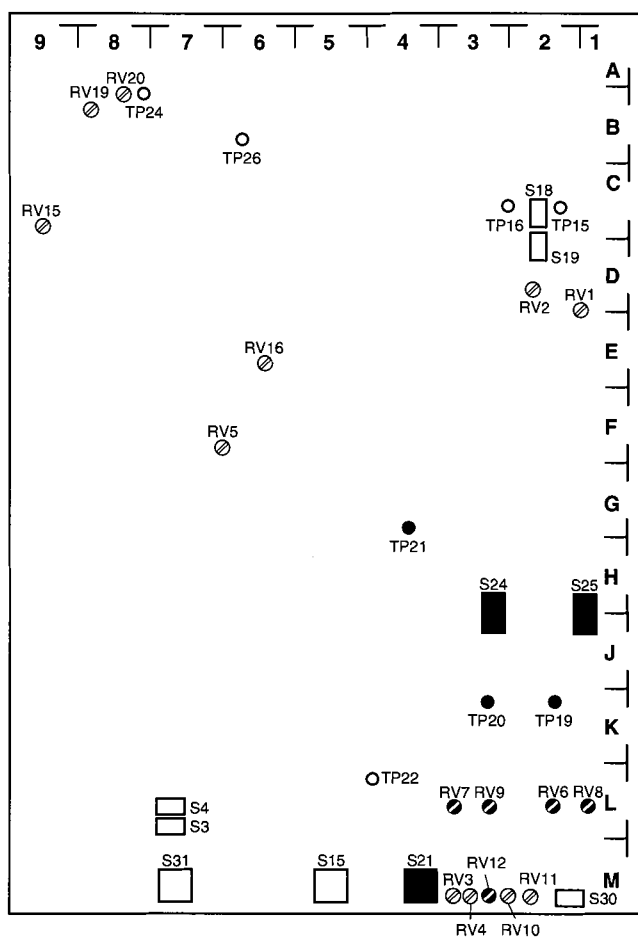
Test point: TP20 (K-3) /AT-103A board

Adj. point: ⚙RV7 (L-3) /AT-103A board

Spec.: $B = 200 \pm 10 \text{ mV p-p } (-20.8 \pm 0.4 \text{ dBu})$



5. Supply a 1 kHz, 220 mV p-p (-20 dBu) sine wave signal from the audio signal generator to pin 2 (X), pin 1 (Y) and pin 3 (G) at INCOM connector on the front panel.

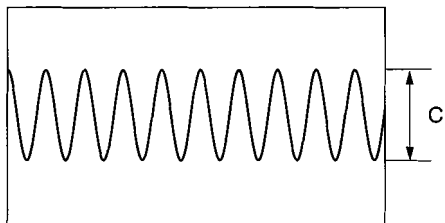


AT-103A Board (Component side)

6. Front MIC Level Adjustment

Equipment: Oscilloscope or Audio level meter

Test point: TP21 (G-4) /AT-103A board

Adj. point: $\odot$ RV12 (M-3) /AT-103A boardSpec.: $C = 200 \pm 10$ mV p-p (-20.8 ± 0.4 dBu)

7. Short between pin C53 and B53 on the extension board (extending AT-103) using a 600 Ω resistor.

8. Supply a 1 kHz, 220 mV p-p (~ 20 dBu) sine wave signal from the audio signal generator to pin 2 (X), pin 1 (Y) and pin 3 (G) at INCOM connector on the front panel.

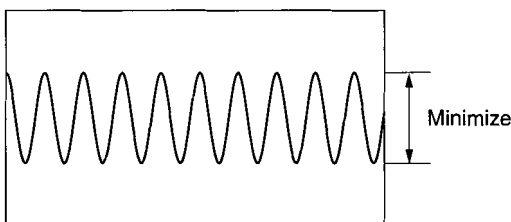
9. PROD CANCEL Adjustment

Equipment: Oscilloscope or Audio level meter

Test point: TP19 (K-2) /AT-103A board

Adj. point: $\odot$ RV8 (L-1) /AT-103A board

Spec.: Minimize



10. S21 (M-4) /AT-103A board $\rightarrow$ ENG

11. Short between pin C50 and B50 on the extension board (extending AT-103) using a 600 Ω resistor.

12. Supply a 1 kHz, 220 mV p-p (~ 20 dBu) sine wave signal from the audio signal generator to pin 2 (X), pin 1 (Y) and pin 3 (G) at INCOM connector on the front panel.

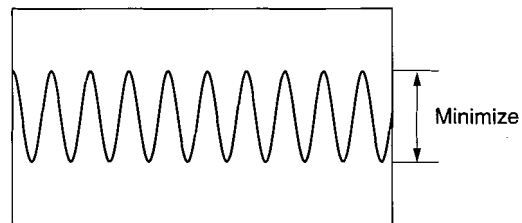
13. ENG CANCEL Adjustment

Equipment: Oscilloscope or Audio level meter

Test point: TP20 (K-3) /AT-103A board

Adj. point: $\odot$ RV9 (L-3) /AT-103A board

Spec.: Minimize



Resetting after Adjustments

After adjustment are complete, return the switches to their original positions. and disconnect the resistors.

3-2-3. Clearcom Intercom Adjustment

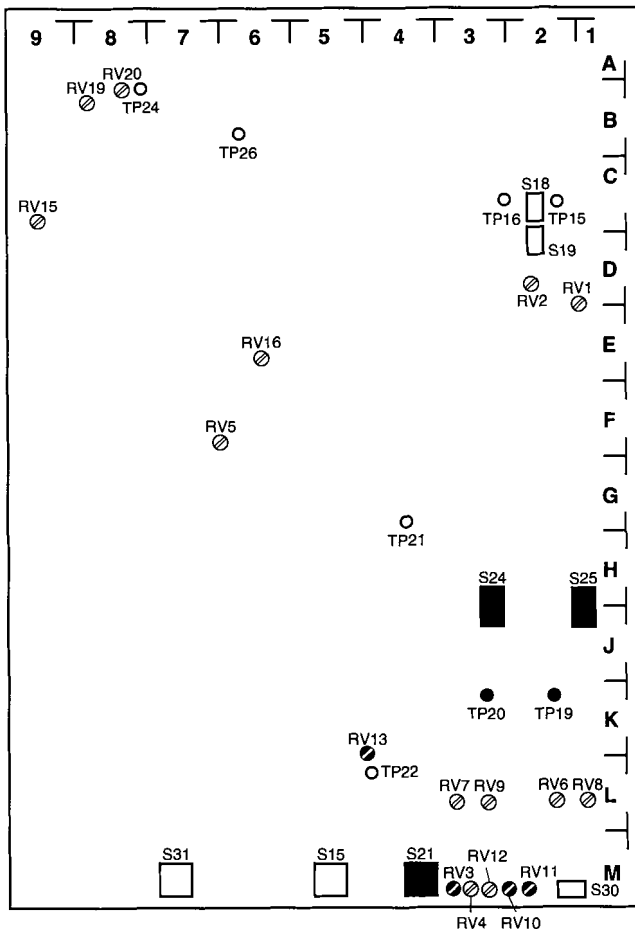
Note

The following adjustment is necessary when the intercom is clearcom system.

Preparations

- S24 (J-3) /AT-103A board → RTS (Clearcom)
- S25 (J-1) /AT-103A board → RTS (Clearcom)
- S21 (M-4) /AT-103A board → PROD
- Replace a resistor on AT-103A board
 - PROD system R348: Delete the short resistor
 - R451: Mount a short ($0\ \Omega$) resistor *1
 - R376: Mount a 24 k Ω resistor *1
 - ENG system R347: Delete the short resistor
 - R449: Mount a short ($0\ \Omega$) resistor *1
 - R379: Mount a 24 k Ω resistor *1

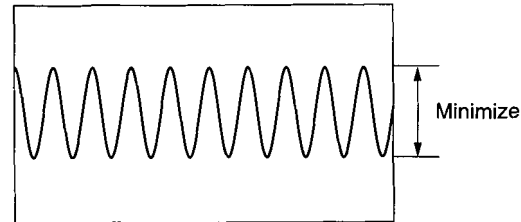
*1: Part number
 short resistor : 1-216-295-91
 24 k Ω resistor : 1-216-684-11



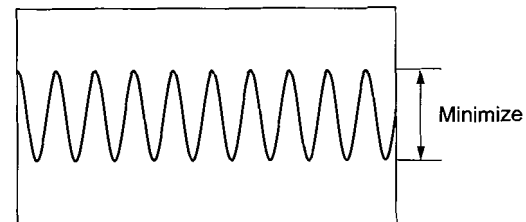
AT-103A Board (Component side)

Adjustment Procedures

1. Short between pin C53 and B53 on the extension board (extending AT-103) using a 200 Ω resistor.
2. Supply a 1 kHz, 220 mV p-p (− 20 dBu) sine wave signal from the audio signal generator to pin 2 (X), pin 1 (Y) and pin 3 (G) at INCOM connector on the front panel.
3. PROD Cancel Adjustment
 Equipment: Oscilloscope or Audio level meter
 Test point: TP19 (K-2) /AT-103A board
 Adj. point: ●RV10 (M-3) /AT-103A board
 Spec.: Minimize



4. S21 (M-4) /AT-103A board → ENG
5. Short between pin C50 and B50 on the extension board (extending AT-103) using a 200 Ω resistor.
6. Supply a 1 kHz, 220 mV p-p (− 20 dBu) sine wave signal from the audio signal generator to pin 2 (X), pin 1 (Y) and pin 3 (G) at INCOM connector on the front panel.
7. ENG Cancel Adjustment
 Equipment: Oscilloscope or Audio level meter
 Test point: TP20 (K-3) /AT-103A board
 Adj. point: ●RV11 (M-2) /AT-103A board
 Spec.: Minimize



Resetting after Adjustments

After adjustments are complete, return the switches to their normal positions. and disconnect resistors.

3-2-4. Intercom Level Adjustment

Preparations

- S21 (M-4) /AT-103A board → PROD
- INCOM control/front panel → Fully clockwise

Adjustment Procedures

1. For 4W intercom system
 - Supply a 1 kHz sine wave signal from the audio signal generator to pins A52 (X), B52 (Y) and C52 (G) on the extension board (extending AT-103A).
- For RTS/2W intercom system
 - Supply a 1 kHz sine wave signal from the audio signal generator to pins C53 (X) and B53 (G) on the extension board (extending AT-103A).

2. Input Level Setting

Test point: TP19 (K-2) /AT-103A board

Adj. point: ● Output level control/Audio signal generator

Spec.: A = 220 mV p-p (− 20 dBu)

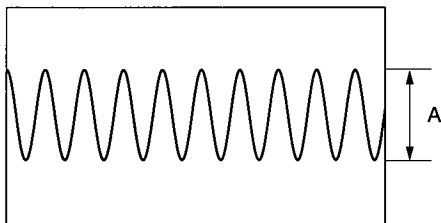
3. Intercom Level Adjustment

Equipment: Oscilloscope or Audio level meter

Test point: TPD45/Extension board
(extending AT-103A) or
pin 4 (X) and pin 3 (G) of INCOM
connector/front panel.

Adj. point: ●RV13 (L-5) /AT-103A board

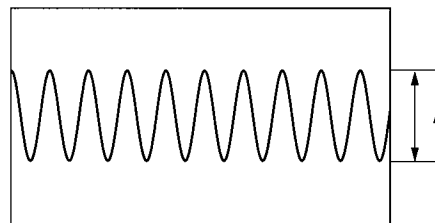
Spec.: A = 5.0 ±0.5 V p-p (7.1 ±0.9 dBu)



3-2-5. PGM Mix Level Adjustment

Adjustment Procedures

1. Supply a 1 kHz, 2.2 V p-p (0 dBu) sine wave signal from the audio signal generator to pins A57 (X), B57 (Y) and A56 (G) on the extension board (extending AT-103A).
2. Equipment: Oscilloscope or Audio level meter
 Test point: TPD45/Extension board
 (extending AT-103A) or
 pin 4 (X) and pin 3 (G) of INCOM
 connector/front panel.
 Adj. point: ●RV3 (M-3) /AT-103A board
 Spec.: A = 2.5 ±0.5 V p-p (1.1 ±1.6 dBu)



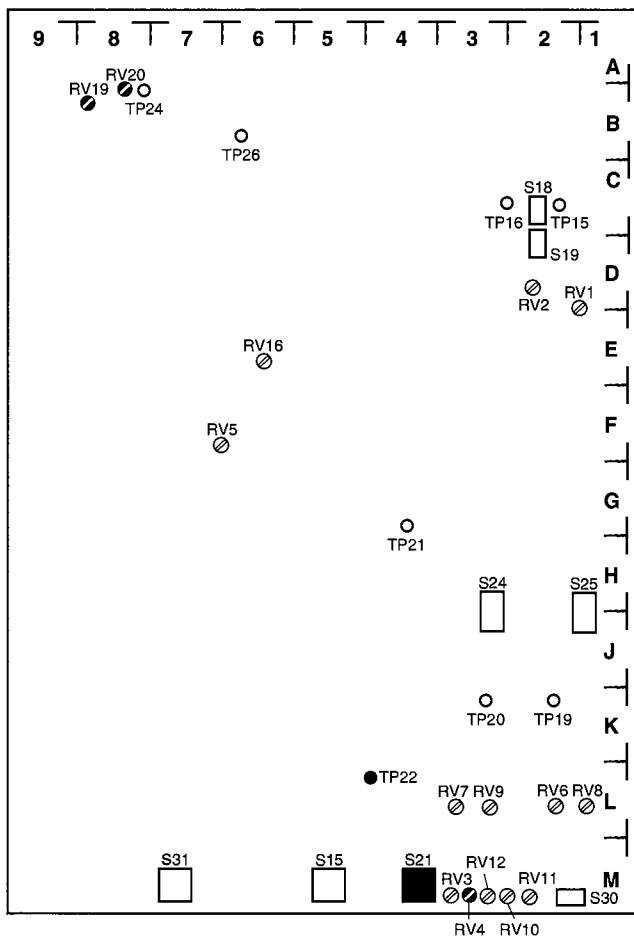
3-2-6. Side Tone Level Adjustment

Preparations

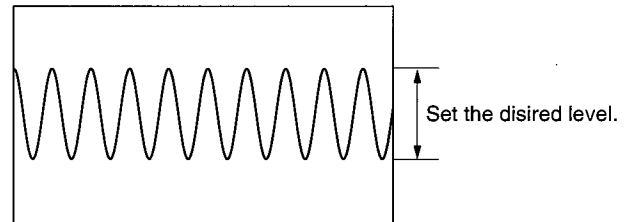
- MIC switch/front panel → CARBON
- INCOM control/front panel → Fully clockwise
- S21 (M-4) /AT-103A board → ENG

Adjustment Procedures

1. Supply a 1 kHz, 220 mV p-p (− 20 dBu) sine wave signal from the audio signal generator to INCOM connector on the front panel.
2. Check as follows.
Test point: TP22 (L-4) /AT-103A board
Spec.: 100 ± 10 mV p-p (− 26.8 $\pm$ 0.8 dBu)
3. Equipment: Oscilloscope
Test point: TPD45/Extension board
(extending AT-103A) or
pin 4 (X) and pin 3 (G) of INCOM
connector/front panel.
Adj. point: ⓀRV4 (M-3) /AT-103A board
Spec.: Set the desired level.
[Reference level: 1.0 V p-p (− 6.8 dBu)]



AT-103A Board (Component side)



3-3. Video and Reference Signal System Adjustment

3-3-1. Sync Output Level Adjustment

Adjustment Procedures

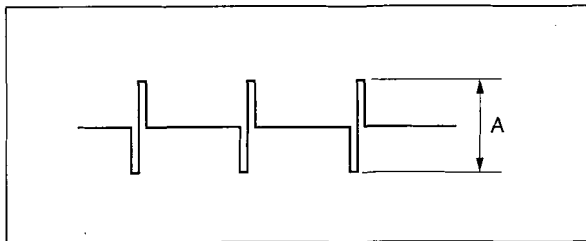
1. 1125 HD Sync Level Adjustment

Equipment: Oscilloscope

Test point: TPD20/Extension board
(extending AT-103A)

Adj. point: **RV19** (B-8) /AT-103A board

Spec.: $A = 4.00 \pm 0.05 \text{ V p-p}$



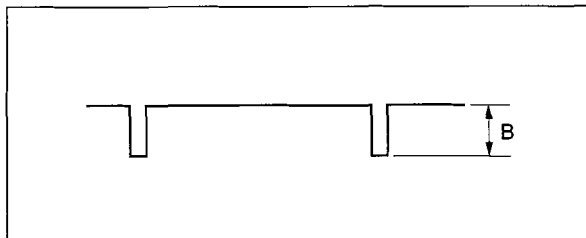
2. 525 SD Sync Level Adjustment

Equipment: Oscilloscope

Test point: TPC21/Extension board
(extending AT-103A)

Adj. point: **RV20** (B-8) /AT-103A board

Spec.: $A = 2.00 \pm 0.05 \text{ V p-p}$



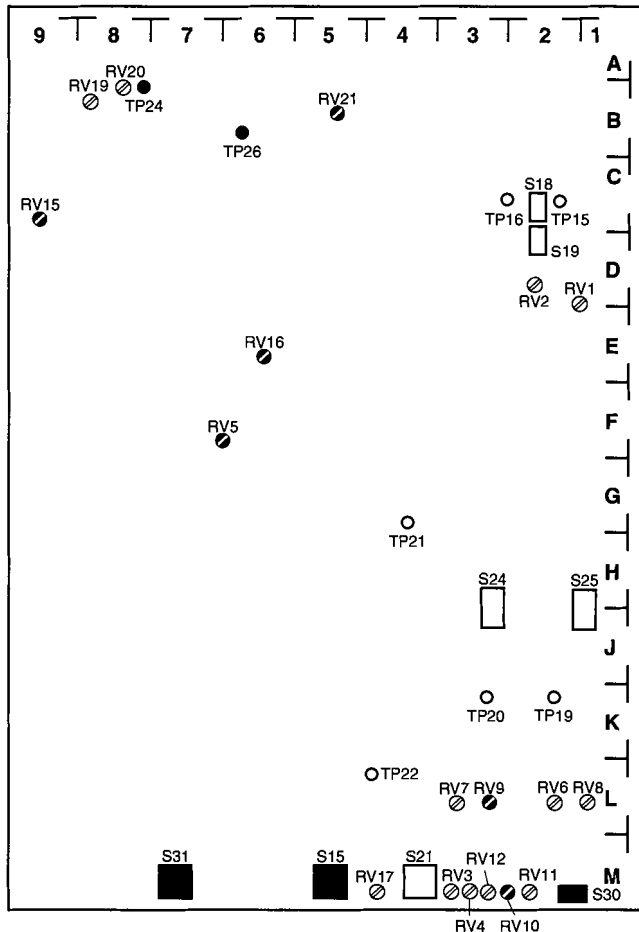
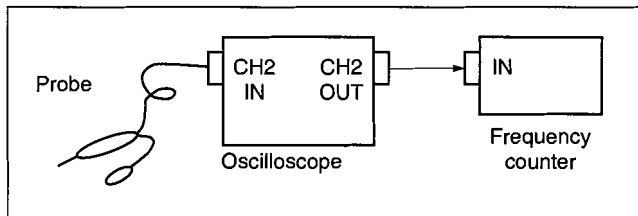
3-3-2. HD-SDI Output VCO Free-run Adjustment

Note

Disconnect cables from REFERENCE IN connectors of DIF-40 and SDI-11 boards.

Preparations

- Before adjustment, warm up the unit for about 10 minutes.
- S31 (M-7) /AT-103 board → LOCAL
- S15 (M-5) /AT-103 board → HD
- S30 (M-2) /AT-103 board → ON (60)
- Connect the equipments as follows.



AT-103A Board (Component side)

Adjustment Procedures

1. HD (60) Frequency Adjustment
Equipment: Frequency counter
Test point: TP26 (B-6) /AT-103A board
Adj. point: ●RV16 (E-6) /AT-103A board
Spec.: 74,250,000 ± 10 Hz
2. S30 (M-2) /AT-103A → OFF (59.94)
3. HD (59.94) Frequency Adjustment
Equipment: Frequency counter
Test point: TP26 (B-6) /AT-103A board
Adj. point: ●RV5 (F-6) /AT-103A board
Spec.: 74,175,750 ± 10 Hz
4. S15 (M-5) /AT-103A → SD
5. SD (59.94) Frequency Adjustment
Equipment: Frequency counter
Test point: TP24 (B-8) /AT-103A board
Adj. point: ●RV15 (C-9) /AT-103A board
Spec.: 27,000,000 ± 10 Hz

Resetting after Adjustments

After adjustments are complete, return the switches to their original positions. and disconnect resistors.

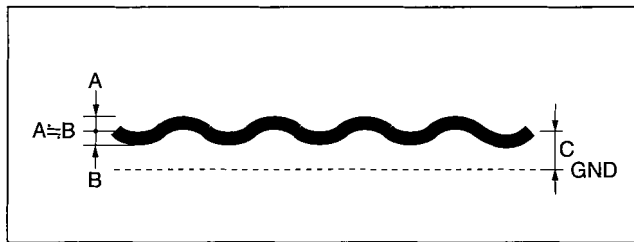
3-3-3. Clock (74 MHz) Duty Adjustment

Note

- This adjustment for AT-103A board No. suffix -22 or later is necessary.

Adjustment procedure

- Equipment: Oscilloscope (20 MHz BW Limit: ON)
 Test point: TP26 (B-6) /AT-103A board
 Adj. point: $\odot$ RV21 (B-5) /AT-103A board
 Spec.: $C = 1.65 \pm 0.04$ Vdc



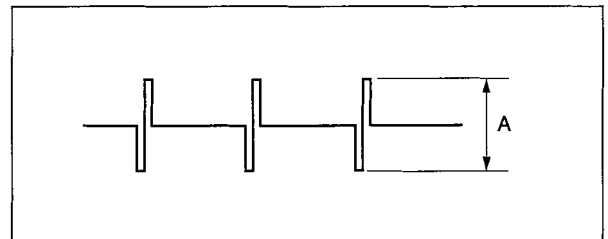
3-3-4. Sync Output Level Adjustment

Preparations

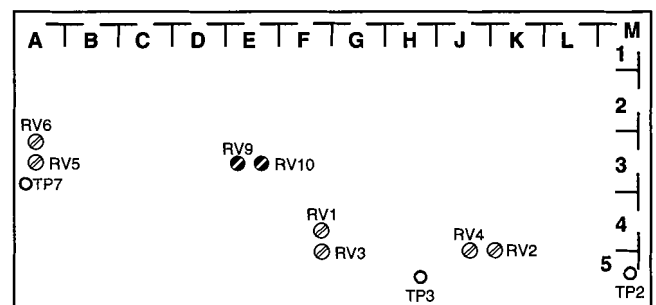
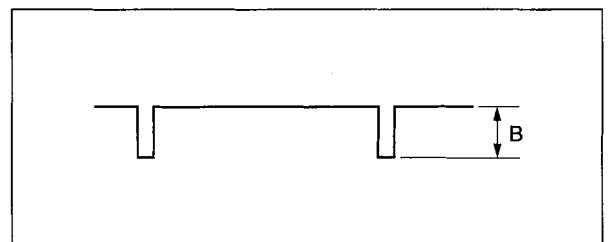
- S2-1 (M-6) /RC-70 board → ON
- S2-2 (M-6) /RC-70 board → ON

Adjustment Procedures

- 1125 HD Sync Level Adjustment
 Equipment: Oscilloscope or HD waveform monitor
 Test point: 1125 HD Sync connector/DIF-40 board
 Adj. point: $\odot$ RV9 (E-3) /DIF-40 board
 Spec.: $A = 600 \pm 5$ mV p-p
 (terminated with 75Ω)



- 525 SD Sync Level Adjustment
 Equipment: Oscilloscope or NTSC waveform monitor
 Test point: 525 SD Sync connector/DIF-40 board
 Adj. point: $\odot$ RV10 (E-3) /DIF-40 board
 Spec.: $B = 286 \pm 2$ mV (40 ± 1 IRE)
 (terminated with 75Ω)



DIF-40 Board (Component side)

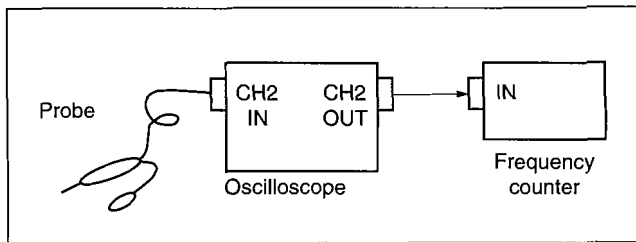
3-3-5. SD-SDI Output VCO Adjustment

Note

Perform this adjustment only when replacing IC21 and/or IC22 on the DIF-40 board.

Preparations

- Connect the equipments as follows.
- Before adjustment, warm up the unit for about 10 minutes.



Adjustment Procedures (When Replacing IC21)

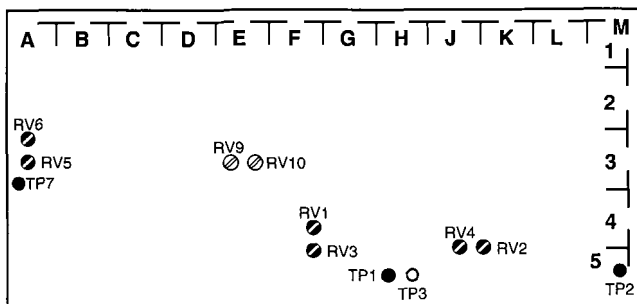
1. COP2 (F-3) /DIF-40 → TS
2. S6 (M-3) /RC-70 → D1
3. Equipment: Frequency counter
Test point: TP1 (H-5)/DIF-40 board
Adj. point: ●RV3 (F-4) /DIF-40 board
Spec.: 27.0 ± 0.2 MHz
4. S6 (M-3) /RC-70 → D2
5. Equipment: Frequency counter
Test point: TP1 (H-5)/DIF-40 board
Adj. point: ●RV1 (F-4) /DIF-40 board
Spec.: 14.3 ± 0.1 MHz
6. COP2 (F-3) /DIF-40 → NOM

Adjustment Procedures (When Replacing IC22)

1. COP3 (K-5) /DIF-40 → TS
2. S4 (M-2) /RC-70 → D1
3. Equipment: Frequency counter
Test point: TP2 (M-5)/DIF-40 board
Adj. point: ●RV4 (J-4) /DIF-40 board
Spec.: 27.0 ± 0.2 MHz
4. S4 (M-2) /RC-70 → D2
5. Equipment: Frequency counter
Test point: TP2 (M-5)/DIF-40 board
Adj. point: ●RV2 (K-4) /DIF-40 board
Spec.: 14.3 ± 0.1 MHz
6. COP3 (K-5) /DIF-40 → NOM

Note

After 10 minutes or more when these adjustments are complete, check that each specification is met.
If not, perform this adjustment again.



DIF-40 Board (Component side)

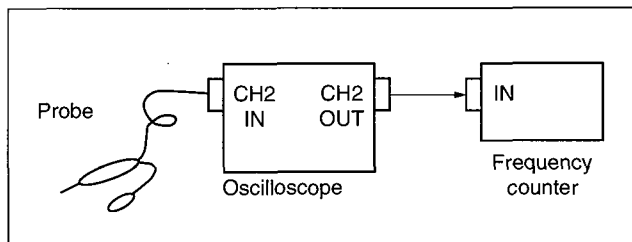
3-3-6. SD-SDI Input VCO Free-run Adjustment

Note

Perform this adjustment only when replacing IC29 on the DIF-40 board.

Preparations

- COP1 (C-3) /DIF-40 → FREE-RUN
- Connect the equipments as follows.
- Before adjustment, warm up the unit for about 10 minutes.



Adjustment Procedures

1. S4 (L-7) /AT-103A → D1
2. Equipment: Frequency counter
Test point: TP7 (A-3)/DIF-40 board
Adj. point: ●RV5 (A-3) /DIF-40 board
Spec.: 27.0 ± 0.2 MHz
3. S4 (L-7) /AT-103A → D2
4. Equipment: Frequency counter
Test point: TP7 (A-3)/DIF-40 board
Adj. point: ●RV6 (A-3) /DIF-40 board
Spec.: 14.3 ± 0.1 MHz

Note

After 10 minutes or more when these adjustments are complete, check that each specification is met.
If not, perform these adjustments again.

Resetting after Adjustment

- COP1 (C-3) /DIF-40 → NORMAL

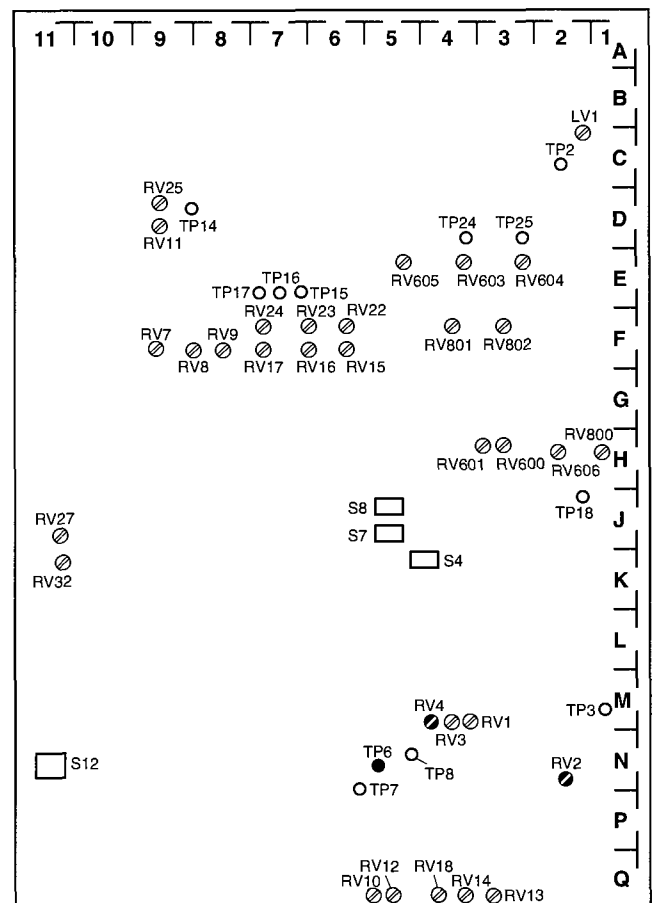
3-3-7. Sub-carrier Frequency Free-run Adjustment

Preparations

- Disconnect cable from REFERENCE IN connector on the DIF-40 board.
- ●RV4 (M-4) /IF-704 → Fully counterclockwise
- S31 (M-7) /AT-103A board → LOCAL
- S15 (M-5) /AT-103A board → IF

Adjustment Procedure

1. Equipment: Frequency counter
Test point: TP6 (N-5) /IF-704 board
Adj. point: ●RV2 (N-2) /IF-704 board
Spec.: $14,318,180 \pm 20$ Hz



IF-704 Board (Component side)

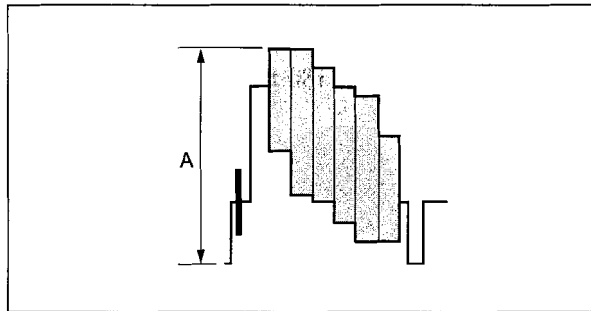
3-3-8. Prompter Level Adjustment

Preparation

- Input the 75 % color bars signal from NTSC signal generator to PROMPTER IN connector on SDI-11 board.

Adjustment procedure

- Equipment: NTSC waveform monitor
 Test point: PROMPTER connector /HDC-700
 Adj. point: $\odot$ RV1 (J-11) /DPR-108 board
 Spec.: $A = 140 \pm 1$ IRE (terminated with 75Ω)



3-4. Reference Signal System Adjustment (HKCU-701A)

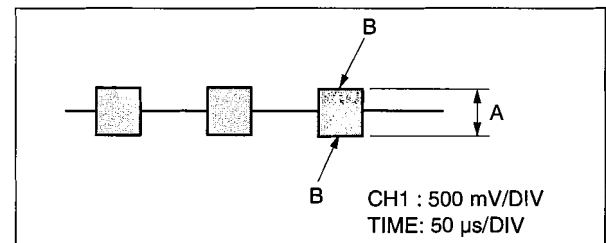
3-4-1. Reference Sub-carrier Adjustment

Preparations

- Supply a black burst signal (SC-H: 0 ± 5 degree) from the signal generator to REFERENCE IN connector on the DIF-40 board (terminate with 75Ω).
- S31 (M-7) /AT-103A board $\rightarrow$ LOCAL

Adjustment Procedures

- Equipment: Oscilloscope
 (20 MHz BW Limit $\rightarrow$ OFF)
 Test point: TP2 (C-2) /IF-704 board
 TRIG: TP3 (M-1) /IF-704 board
 Adj. point: $\odot$ LV1 (C-2) /IF-704 board
 Spec.: $A = 3$ V p-p or more and portions B make flat as possible.



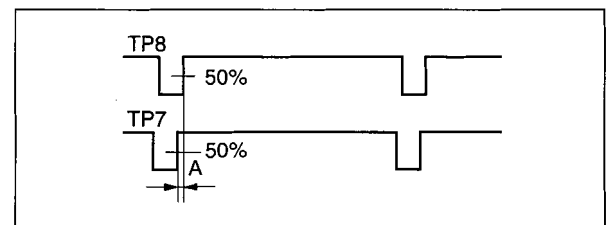
3-4-2. Reference SC-H Detect Circuit Adjustment

Preparations

- Supply a black burst signal (SC-H: 0 ± 5 degree) from the signal generator to REFERENCE IN connector on the DIF-40 board (terminate with 75Ω).
- S31 (M-7) /AT-103A board $\rightarrow$ LOCAL

Adjustment Procedures

- Equipment: Oscilloscope
 (20 MHz BW Limit $\rightarrow$ OFF)
 Test point: TP8 (N-5) /IF-704 board
 TP7 (P-6) /IF-704 board (TRIG)
 Adj. point: $\odot$ RV1 (M-4) /IF-704 board
 Spec.: $A = 84 \pm 2$ ns



3-4-3. SC-PHASE-FINE Control Variable Range Adjustment

Preparation

- Set a vectorscope to external gen-lock mode.

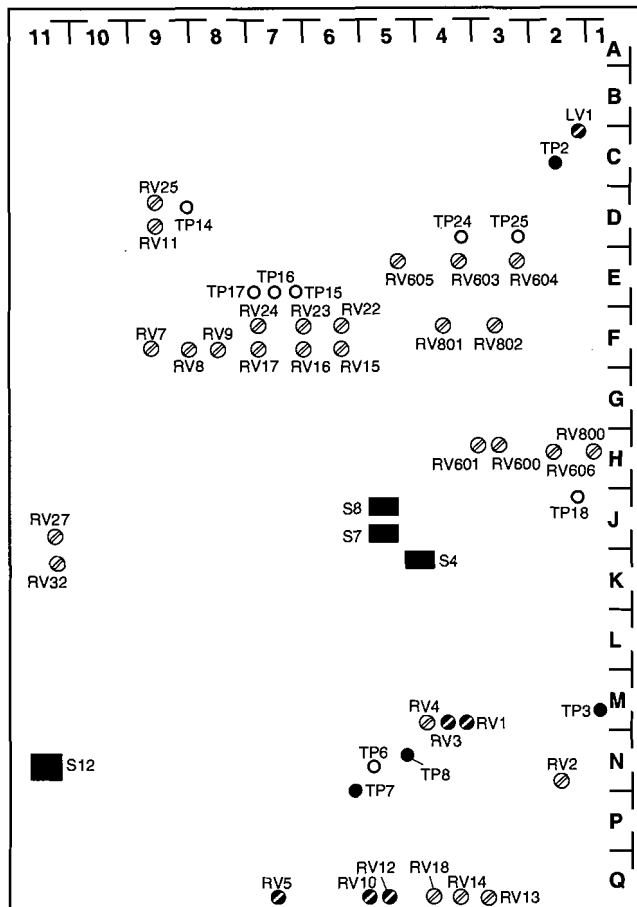
Adjustment Procedure

- Equipment: Vectorscope
 Test point: VBS OUT connector
 Adj. point: ⒶRV3 (M-4) /IF-704 board
 Spec.: Adjust ⒶRV3 so that SC phase variable range makes 96 ± 2 degrees on the vectorscope when ⒶRV5 (Q-7) on the IF-704 board is turned fully clockwise and counterclockwise.

3-5. NTSC Signal System Adjustment (HKCU-701A)

Preparations

- ⒶRV10/IF-704 board → Mechanical center (ENC LEVEL)
- ⒶRV12/IF-704 board → Mechanical center (CHROMA LEVEL)
- S22 (L-7) /RC-70 board → 525i
- S6 (L-7) /RC-70 board → D2 (SDI-OUT MODE)
- S11-1 to 8 (M-8) /RC-70 board → ALL OFF
- S3 (L-7) /AT-103A board → REMO
- S12-1 (N-11) /IF-704 board → OFF
- S4 (J-5) /IF-704 board → 3WAVE
- S8 (H-5) /IF-704 board → ON (G/Y-SYNC)
- S7 (J-5) /IF-704 board → ON (UC)
- S7 (J-5) /IF-704 board → OFF (J)
- BARS button/MSU-700 → ON



IF-704 Board (Component side)

3-5-1. VBS Output Level Adjustment

Adjustment Procedures

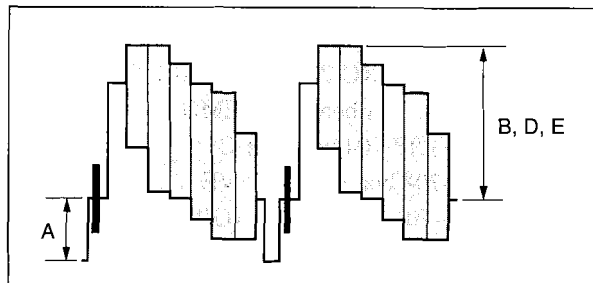
1. Sync Level Adjustment

Equipment: Oscilloscope

Test point: TP14 (D-9) /IF-704 board

Adj. point: $\odot$ RV25 (D-9) /IF-704 board

Spec.: $A = 571 \pm 3$ mV



2. Video Level Adjustment

Equipment: Oscilloscope

Test point: TP14 (D-9) /IF-704 board

Adj. point: $\odot$ RV7 (F-9) /IF-704 board

Spec.: $B = 1429 \pm 5$ mV

3. VBS1 OUT Level Adjustment

Equipment: NTSC waveform monitor

Test point: VBS1 connector/VDA-35 board

Adj. point: $\odot$ RV4 (J-4) /VDA-35 board

Spec.: $D = 100.0 \pm 0.5$ IRE (terminated with 75Ω)

4. VBS2 OUT Level Adjustment

Equipment: NTSC waveform monitor

Test point: VBS2 connector/VDA-35 board

Adj. point: $\odot$ RV3 (J-4) /VDA-35 board

Spec.: $E = 100.0 \pm 0.5$ IRE (terminated with 75Ω)

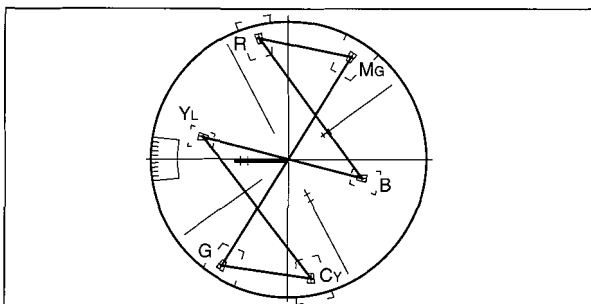
5. Chroma Level Adjustment

Equipment: Vectorscope (Setup : 0 %)

Test point: TP14 (D-9) /IF-704 board

Adj. point: $\odot$ RV11 (D-9) /IF-704 board

Spec. Each beam spot is located inside the reference frame "田".



3-5-2. PIX Output Level Adjustment

Preparations

- Check that the VBS output level adjustment (section 3-5-1) was completed.
- PIX monitor select switch/MSU-700 $\rightarrow$ ENC

Adjustment Procedures

1. PIX Signal Level Adjustment

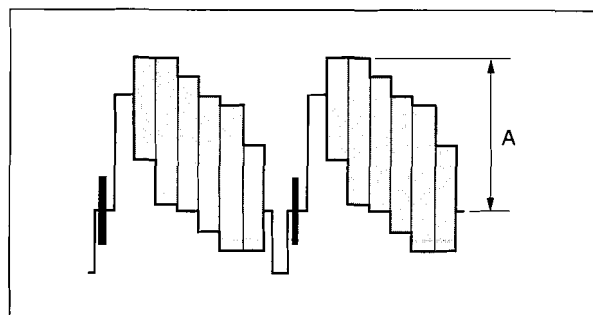
Equipment: NTSC waveform monitor

Test point: PIX connector/VDA-35 board

Adj. point: $\odot$ RV8 (D-4) /VDA-35 board

Spec.: $A = 100.0 \pm 0.5$ IRE

(terminated with 75Ω)



2. PIX monitor select switch/MSU-700 $\rightarrow$ R, G, or B

3. Sync Level Adjustment

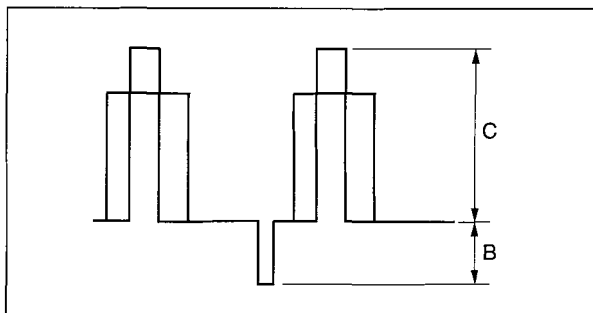
Equipment: NTSC waveform monitor

Test point: PIX connector/VDA-35 board

Adj. point: $\odot$ RV26 (D-8) /IF-704 board

Spec.: $B = 40.0 \pm 0.5$ IRE

(terminated with 75Ω)



4. Video Level Adjustment

Equipment: NTSC waveform monitor

Test point: PIX connector/VDA-35 board

Adj. point: $\odot$ RV9 (F-8) /IF-704 board

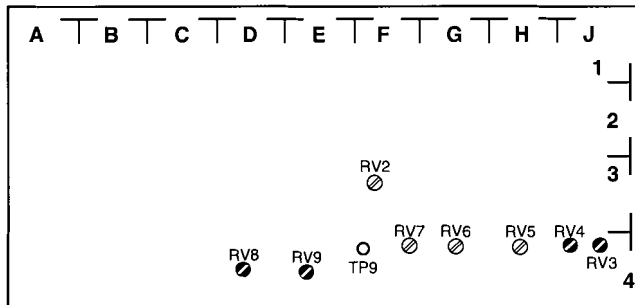
Spec.: $C = 100.0 \pm 0.5$ IRE

(terminated with 75Ω)

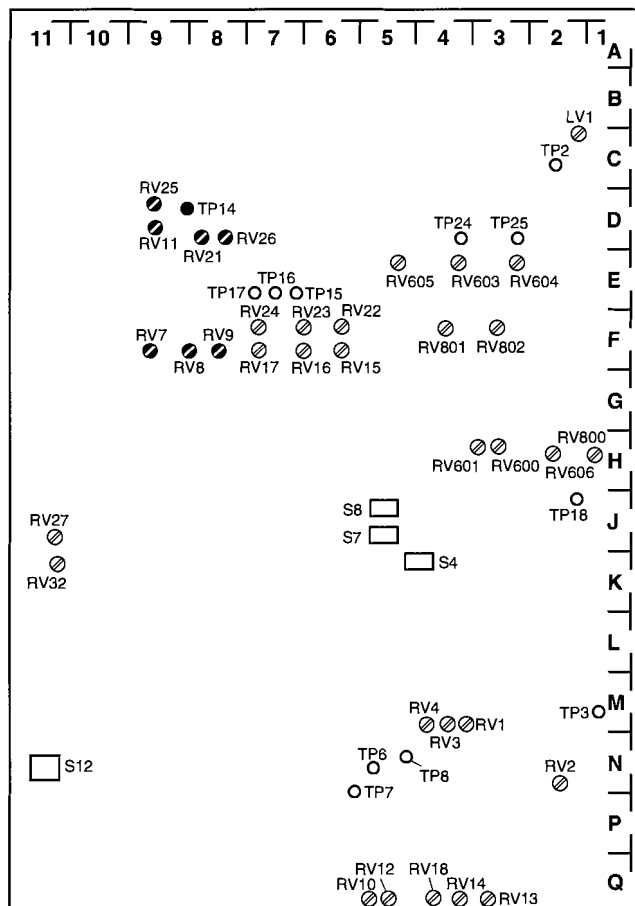
3-5-3. WF Output Level Adjustment

Preparations

- Check that the VBS output level adjustment (section 3-5-1) was completed.
- WF monitor select switch/MSU-700 → ENC



VDA-35 Board (Component side)



IF-704 Board (Component side)

Adjustment Procedures

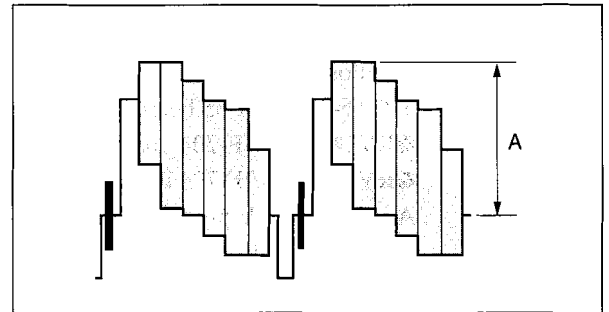
1. WF Signal Level Adjustment

Equipment: NTSC waveform monitor

Test point: WF connector/VDA-35 board

Adj. point: ●RV9 (E-4) /VDA-35 board

Spec.: $A = 100.0 \pm 0.5$ IRE
(terminated with 75Ω)



2. WF monitor select switch/MSU-700 → G

3. Sync Level Adjustment

Equipment: NTSC waveform monitor

Test point: WF connector/VDA-35 board

Adj. point: ●RV21 (D-8) /IF-704 board

Spec.: $B = 40 \pm 1$ IRE (terminated with 75Ω)

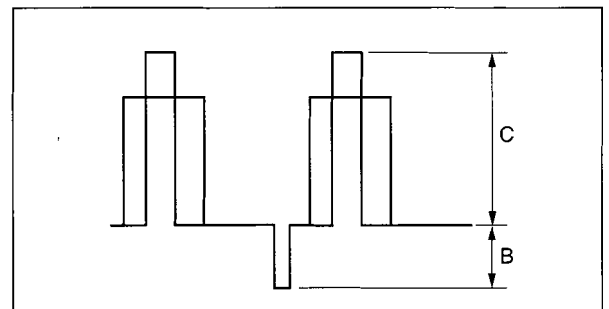
4. Video Level Adjustment

Equipment: NTSC waveform monitor

Test point: WF connector/VDA-35 board

Adj. point: ●RV8 (F-9) /IF-704 board

Spec.: $C = 100 \pm 1$ IRE (terminated with 75Ω)



Resettings after Adjustments

- PIX monitor select switch/MSU-700 → ENC
- WF monitor select switch/MSU-700 → ENC

3-5-4. Stair Case Adjustment

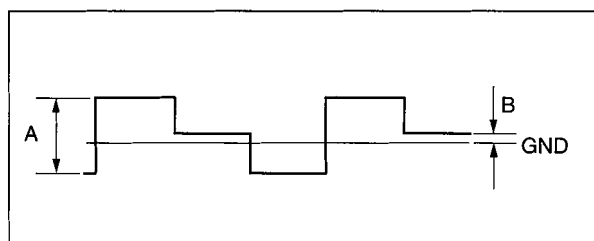
Preparation

When the stair case circuit block is repaired, perform this adjustment temporarily.

It is necessary to perform this adjustment to match the characteristics of the waveform monitor during the system set-up.

Adjustment Procedure

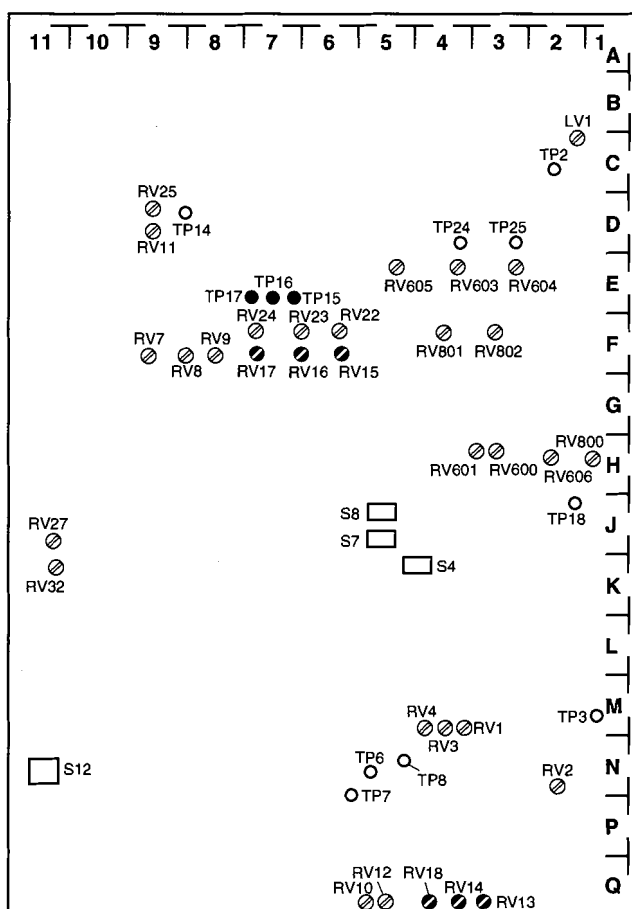
- Equipment: Oscilloscope
 Test point: TP9 (F-4) /VDA-35 board
 Adj. point: $\odot$ RV14 (R-4) /IF-704 board
 $\odot$ RV13 (R-3) /IF-704 board
 Spec.: A = 10.0 ± 0.5 V p-p ($\odot$ RV14)
 B = 0 ± 0.5 V dc ($\odot$ RV13)



3-5-5. GRB Output Level Adjustment

Preparations

- BARS button/MSU-700 → ON
- S10-3 (L-5) /AT-103A board → OFF (RGB)
- $\odot$ RV18/IF-704 → Mechanical center (RGB LEVEL)



IF-704 Board (Component side)

Adjustment Procedures

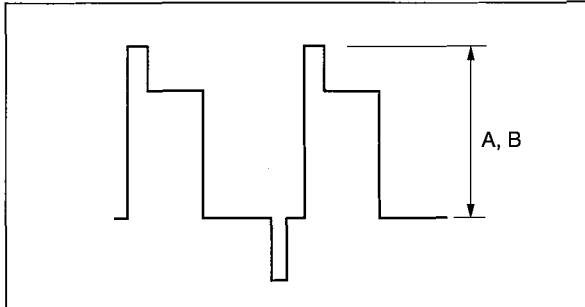
1. G Signal Level Adjustent-1

Equipment: Oscilloscope

Test point: TP15 (E-7) /IF-704 board

Adj. point: ⚙RV15 (F-6) /IF-704 board

Spec.: $A = 1000 \pm 5 \text{ mV}$ (at a 100 % color-bar)



2. G Signal Level Adjustent-2

Equipment: NTSC waveform monitor

Test point: G/Y connector/VDA-35 board

Adj. point: ⚙RV7 (F-4) /VDA-35 board

Spec.: $B = 700 \pm 5 \text{ mV}$ (terminated with 75Ω)

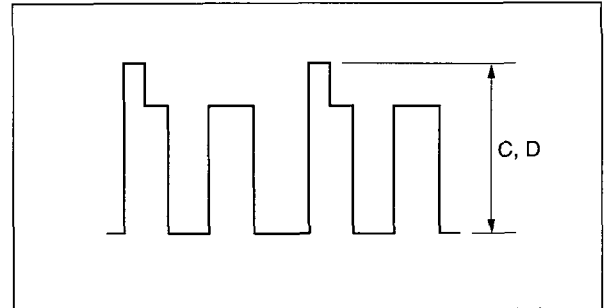
3. R Signal Level Adjustent-1

Equipment: Oscilloscope

Test point: TP17 (E-7) /IF-704 board

Adj. point: ⚙RV17 (F-7) /IF-704 board

Spec.: $C = 1000 \pm 5 \text{ mV}$ (at a 100 % color-bar)



4. R Signal Level Adjustent-2

Equipment: NTSC waveform monitor

Test point: R/R-Y connector/VDA-35 board

Adj. point: ⚙RV5 (H-4) /VDA-35 board

Spec.: $D = 700 \pm 5 \text{ mV}$ (terminated with 75Ω)

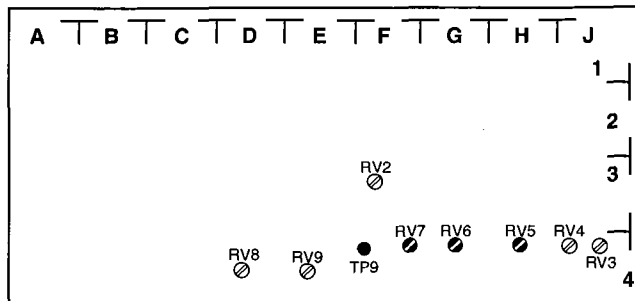
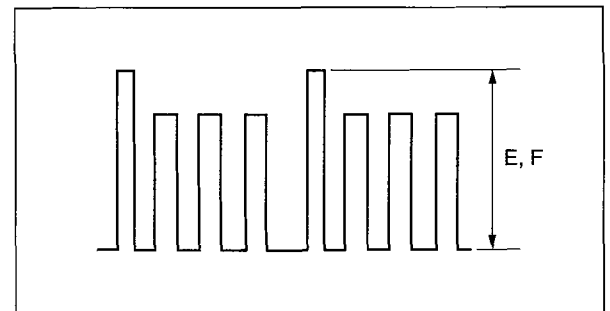
5. B Signal Level Adjustent-1

Equipment: Oscilloscope

Test point: TP16 (E-7) /IF-704 board

Adj. point: ⚙RV16 (F-7) /IF-704 board

Spec.: $E = 1000 \pm 5 \text{ mV}$ (at a 100 % color-bar)



VDA-35 Board (Component side)

6. B Signal Level Adjustent-2

Equipment: NTSC waveform monitor

Test point: B/B-Y connector/VDA-35 board

Adj. point: ⚙RV6 (G-4) /VDA-35 board

Spec.: $F = 700 \pm 5 \text{ mV}$ (terminated with 75Ω)

3-5-6. Y/R-Y/B-Y Output Level Adjustment

Preparations

- BARS button/MSU-700 → ON
- S10-3 (L-5) /AT-103 board → ON (YCd)

Adjustment Procedures

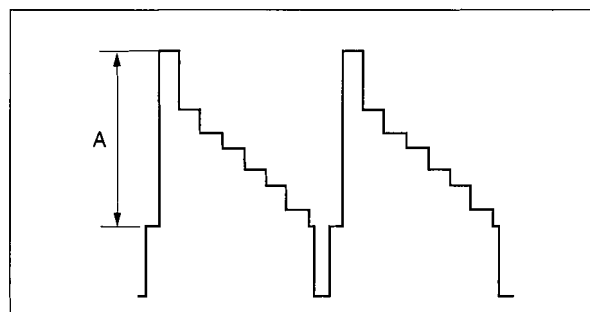
1. Y Signal Level Adjustment

Equipment: NTSC waveform monitor

Test point: G/Y connector/VDA-35 board

Adj. point: **RV22 (F-6) /IF-704 board**

Spec.: $A = 100 \pm 1$ IRE (75-ohm termination)
(100 % (Y) color-bar)



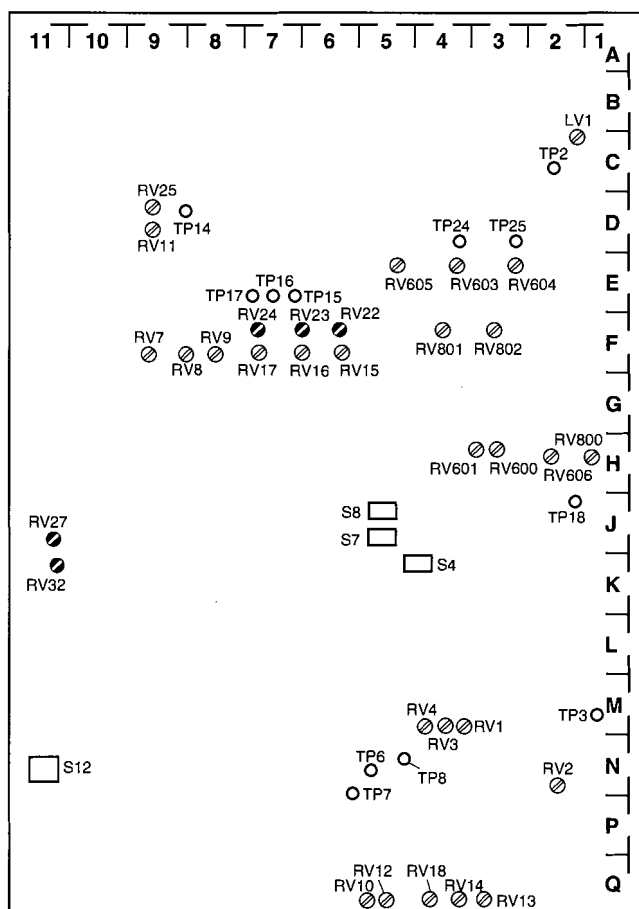
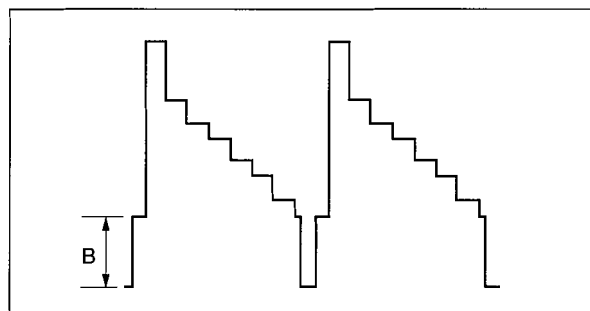
2. Sync Level Adjustment

Equipment: NTSC waveform monitor

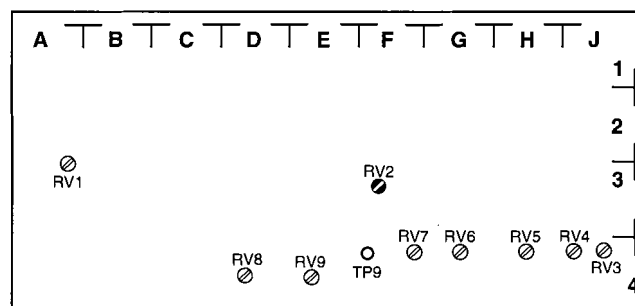
Test point: G/Y connector/VDA-35 board

Adj. point: **RV2 (F-3) /VDA-35 board**

Spec.: $B = 40 \pm 2$ IRE (terminated with 75 Ω)
(100 % (Y) color-bar)



IF-704 Board (Component side)



VDA-35 Board (Component side)

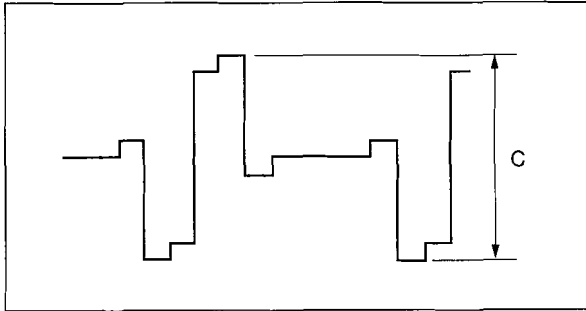
3. R-Y Level Adjustment

Equipment: Oscilloscope or
NTSC waveform monitor

Test point: R/R-Y connector/VDA-35 board

Adj. point: ●RV24 (F-7) /IF-704 board

Spec.: $C = 700 \pm 5 \text{ mV}$ (For UC)
 $C = 756 \pm 5 \text{ mV}$ (For J)
 (75-ohm termination)
 (75 % (R-Y) color-bar)



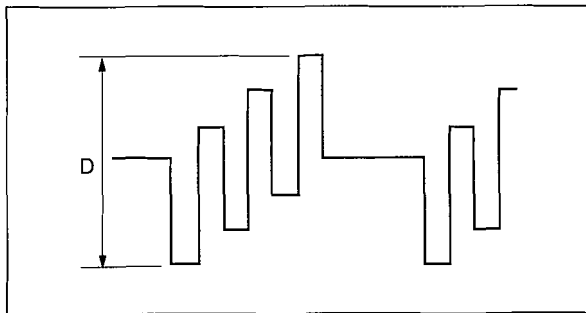
4. B-Y Level Adjustment

Equipment: Oscilloscope or
NTSC waveform monitor

Test point: B/B-Y connector/VDA-35 board

Adj. point: ●RV23 (F-7) /IF-704 board

Spec.: $D = 700 \pm 5 \text{ mV}$ (For UC)
 $D = 756 \pm 5 \text{ mV}$ (For J)
 (75-ohm termination)
 (75 % (B-Y) color-bar)



3-5-7. Composite Digital Output Level Adjustment

Preparation

- BARS button/MSU-700 → ON

Adjustment procedures

1. Black level adjustment

Equipment: Composite digital NTSC waveform monitor

Test point: SD-SDI OUT 1 connector

Adj. point: ●RV27 (J-11) /IF-704 board

Spec.: $A = 0.0 \pm 0.5 \text{ IRE}$
 (terminated with 75 Ω)

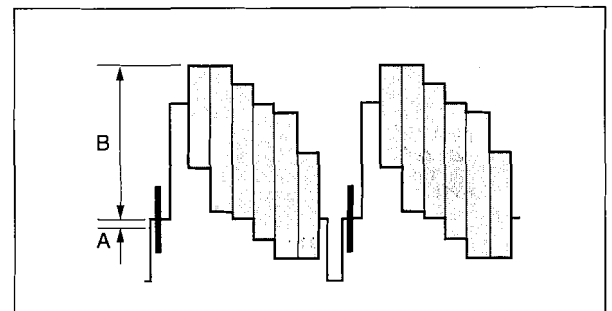
2. Video level adjustment

Equipment: Composite digital NTSC waveform monitor

Test point: SD-SDI OUT 1 connector

Adj. point: ●RV32 (K-11) /IF-704 board

Spec.: $B = 100.0 \pm 0.5 \text{ IRE}$
 (terminated with 75 Ω)



3-5-8. Digital Return Level Adjustment

Note

Disconnect a cable from the VTR connector of the camera.

Preparation

- Extend the VDA-31 board of HDC-700/HDCA-750 with an extension board.
- Connect between SERIAL OUT1 connector on the DIF-40 board and SERIAL-RET-IN1 connector on the DIF-40 board using a BNC cable.
- S4 (L-7) /AT-103A board → D2
- S11-1 (L-5) /AT-103A board → ON
- S6 (L-7) /RC-70 board → D2
- S14 (M-6) /RC-70 board → E
- S15 (M-5) /RC-70 board → 0
- BARS button/MSU-700 → ON
- CONFIG button/MSU-700 → ON
- Touch panel operation/MSU-700

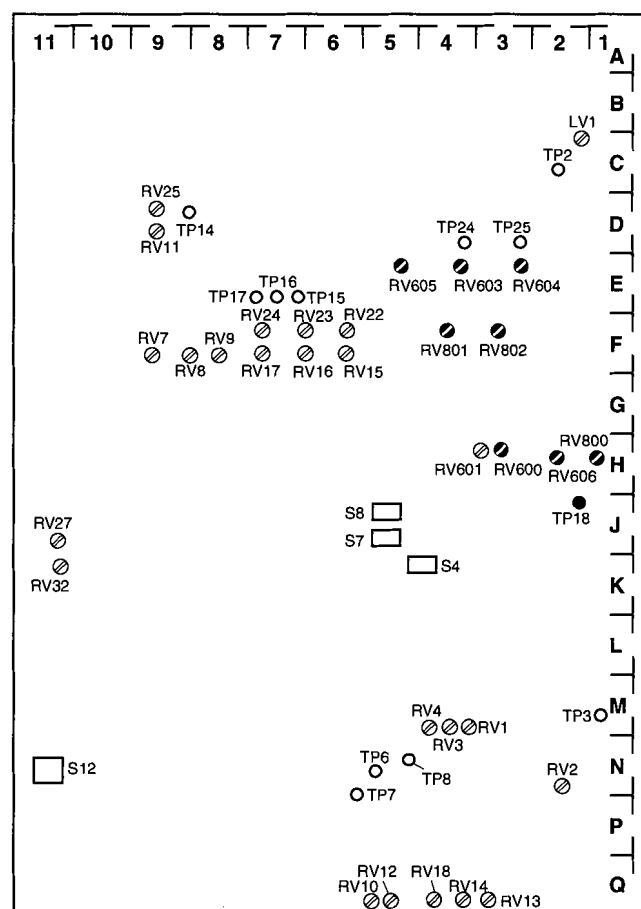
CCU

 →

RET SETTING

 →

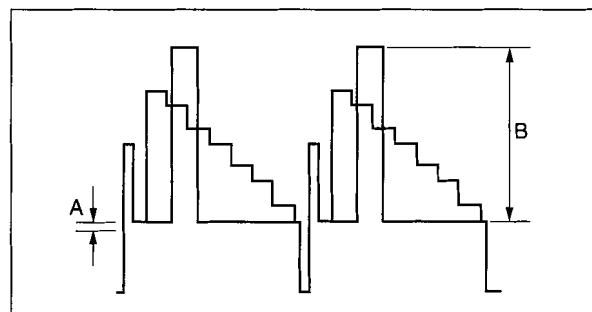
RET1:SD-SDI-D2



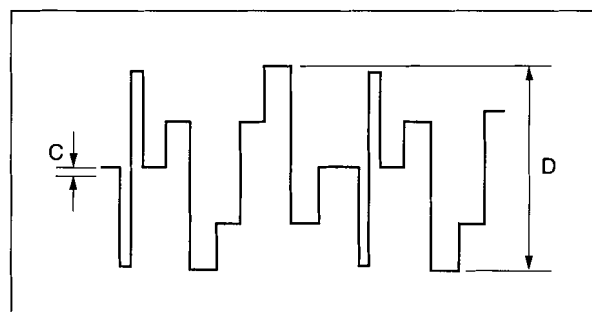
IF-704 Board (Component side)

Adjustment procedures

1. Equipment: Oscilloscope
 Test point: TP15/ extension board (VDA-31 board)
 Adj.: ●RV605 (E-5) /IF-704 board
 Spec.: $A = 0 \pm 5 \text{ mV}$



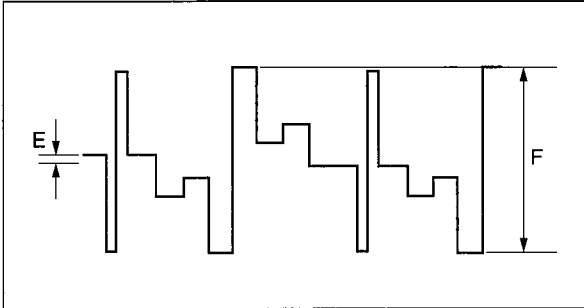
2. Equipment: Oscilloscope
 Test point: TP15/ extension board (VDA-31 board)
 Adj.: ●RV800 (H-1) /IF-704 board
 Spec.: $B = 1400 \pm 10 \text{ mV}$



3. Equipment: Oscilloscope
 Test point: TP21/ extension board (VDA-31 board)
 Adj.: ●RV604 (E-3) /IF-704 board
 Spec.: $C = 0 \pm 5 \text{ mV}$

4. Equipment: Oscilloscope
 Test point: TP21/ extension board (VDA-31 board)
 Adj.: ●RV802 (F-3) /IF-704 board
 Spec.: $D = 1050 \pm 10 \text{ mV}$

5. Equipment: Oscilloscope
 Test point: TP9/ extension board (VDA-31 board)
 Adj.: $\text{RV603 (E-4) /IF-704 board}$
 Spec.: $E = 0 \pm 5 \text{ mV}$



6. Equipment: Oscilloscope
 Test point: TP9/ extension board (VDA-31 board)
 Adj.: $\text{RV801 (F-4) /IF-704 board}$
 Spec.: $E = 920 \pm 10 \text{ mV}$

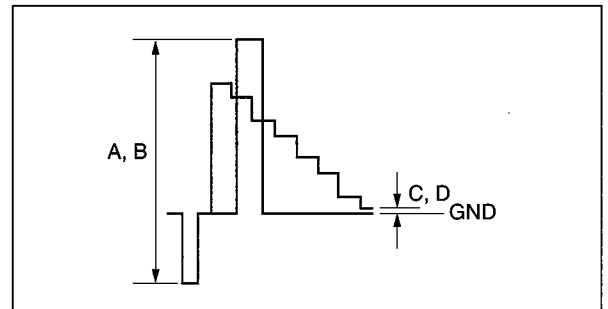
3-5-9. Analog Return Level Adjustment

Preparation

- Connect between VBS1 OUT connector on the VDA-35 board and A-RET-IN1 connector on the VDA-35 board using a BNC cable.
- Connect between SERIAL OUT1 connector on the DIF-40 board and SERIAL-RET-IN1 connector on the DIF-40 board using a BNC cable.
- S4 (L-7) /AT-103A board $\rightarrow$ D2
- S6 (L-7) /RC-70 board $\rightarrow$ D2
- BARS button/MSU-700 $\rightarrow$ ON

Adjustment procedures

1. CONFIG button/MSU-700 $\rightarrow$ ON
 Touch panel operation/MSU-700
 $\boxed{\text{CCU}} \rightarrow \boxed{\text{RET SETTING}} \rightarrow \boxed{\text{RET1:SD-SDI-D2}}$



2. Equipment: Oscilloscope
 Test point: TP18 (J-2) /IF-704 board
 Measure the level A and C
3. CONFIG button/MSU-700 $\rightarrow$ ON
 Touch panel operation/MSU-700
 $\boxed{\text{CCU}} \rightarrow \boxed{\text{RET SETTING}} \rightarrow \boxed{\text{RET1:SD-Analog}}$
4. Equipment: Oscilloscope
 Test point: TP18 (J-2) /IF-704 board
 Adj.: $\text{RV600 (H-3) /IF-704 board}$
 Spec.: $B = A$
5. Equipment: Oscilloscope
 Test point: TP18 (J-2) /IF-704 board
 Adj.: $\text{RV606 (H-2) /IF-704 board}$
 Spec.: $D = C$

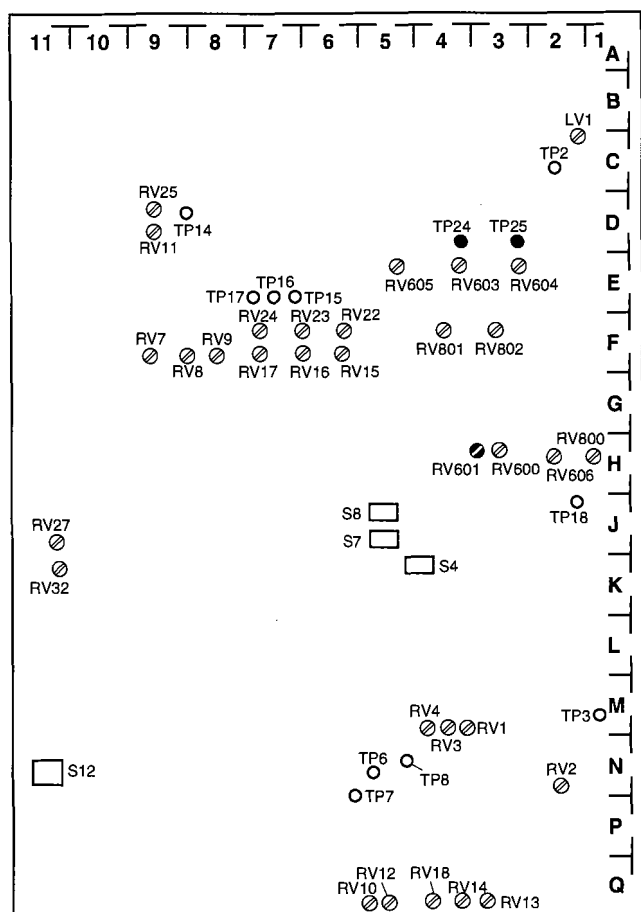
3-5-10. Analog Return Video 4 fsc Phase Adjustment (Hue Phase Adjustment)

Note

- Perform this adjustment only when replacing RV601 or RV803.
(Adjustment for RV601 is very critical at the factory.)

Preparation

- Connect between VBS1 OUT connector on the VDA-35 board and A-RET-IN1 connector on the VDA-35 board using a BNC cable.
- Connect between SERIAL OUT1 connector on the DIF-40 board and SERIAL-RET-IN1 connector on the DIF-40 board using a BNC connector.
- S4 (L-7) /AT-103A board → D2
- S6 (L-7) /RC-70 board → D2
- BARS button/MSU-700 → ON

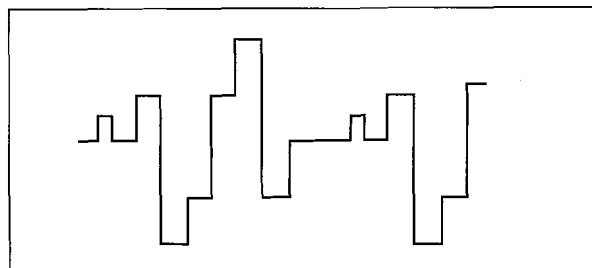


IF-704 Board (Component side)

Adjustment procedures

- CONFIG button/MSU-700 → ON
Touch panel operation/MSU-700
CCU → RET SETTING → RET1:SD-SDI-D2

- Equipment: Oscilloscope
Test point: TP24 (D-4) /IF-704 board
Observe the shape of waveform

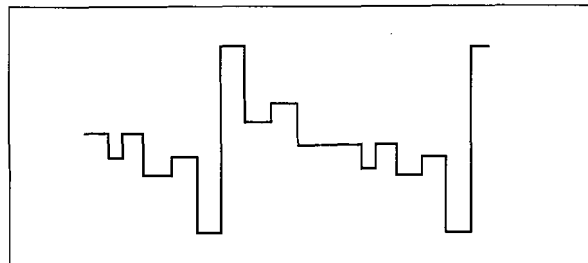


- CONFIG button/MSU-700 → ON
Touch panel operation/MSU-700
CCU → RET SETTING → RET1:SD-Analog

- Equipment: Oscilloscope
Test point: TP24 (D-4) /IF-704 board
Adj. point: RV803 (J-3) /IF-704 board
(Coarse adjustment)
RV601 (H-3) /IF-704 board
(Fine adjustment)
Spec.: So that the waveform is identical in shape to that shown in step 2.

- CONFIG button/MSU-700 → ON
Touch panel operation/MSU-700
CCU → RET SETTING → RET1:SD-SDI-D2

- Equipment: Oscilloscope
Test point: TP25 (D-3) /IF-704 board
Observe the shape of waveform



3-6. HD Signal Input/Output Adjustment (HKCU-702)

Preparations

7. CONFIG button/MSU-700 → ON
 Touch panel operation/MSU-700
 CCU → RET SETTING → RET1:SD-Analog

- BARS button/MSU-700 → ON
- S10-3 (L-5)/AT-103A board → OFF

8. Equipment: Oscilloscope
 Test point: TP25 (D-3) /IF-704 board
 Adj. point: RV803 (J-3) /IF-704 board
 (Coarse adjustment)
 RV601 (H-3) /IF-704 board
 (Fine adjustment)
 Spec.: So that the waveform is identical in shape to that shown in step 6.

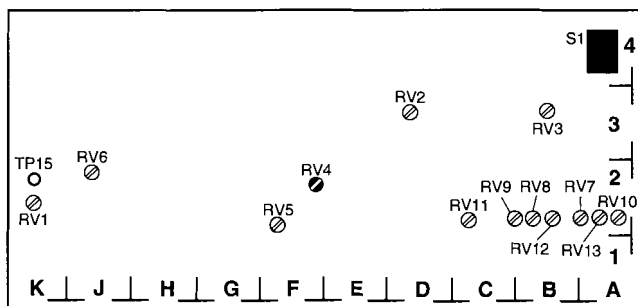
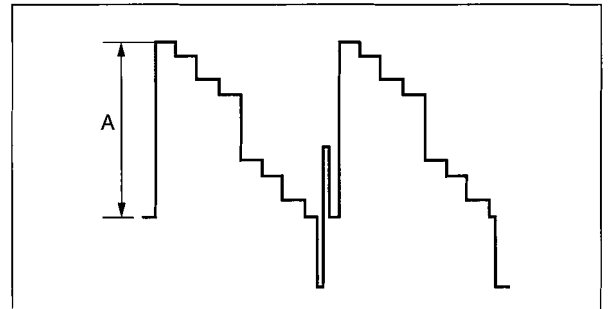
3-6-1. Y/P_R/P_B Output Level Adjustment

Preparation

- S1-5 (A-4) /ADA-50 board → OFF (Y/P_R/P_B)

Adjustment Procedures

1. Y Output Level Adjustment
 Equipment: HD waveform monitor
 Test point: G/Y-1 connector/ADA-50 board
 Adj. point: RV4 (F-2) /ADA-50 board
 Spec.: A = 700 ± 5 mV (terminated with 75 Ω)



ADA-50 Board (Component side)

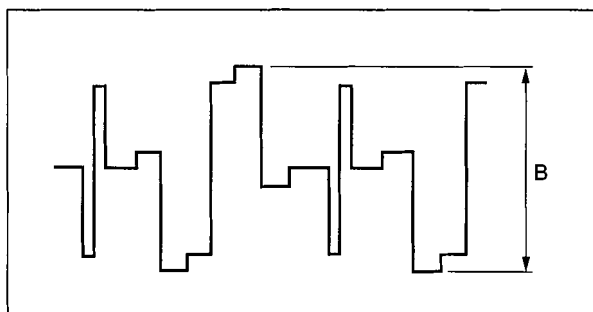
2. P_R Output Level Adjustment

Equipment: HD waveform monitor

Test point: R/ P_R -1 connector/ADA-50 board

Adj. point: $\odot$ RV2 (D-3) /ADA-50 board

Spec.: $B = 700 \pm 5$ mV (terminated with 75Ω)



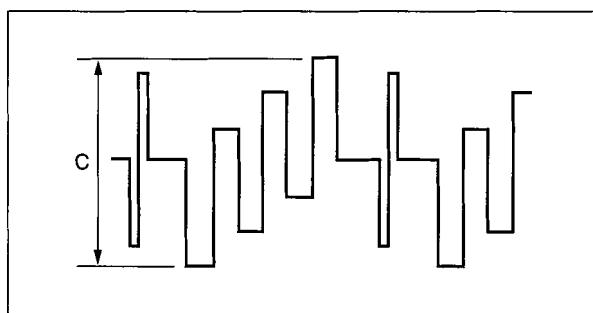
3. P_B Output Level Adjustment

Equipment: HD waveform monitor

Test point: B/ P_B -1 connector/ADA-50 board

Adj. point: $\odot$ RV3 (B-3) /ADA-50 board

Spec.: $C = 700 \pm 5$ mV (terminated with 75Ω)



3-6-2. GRB Output Level Adjustment

Preparation

- S1-5 (A-4) /ADA-50 board $\rightarrow$ ON (G/R/B)

Adjustment Procedures

1. G Mix Level Adjustment

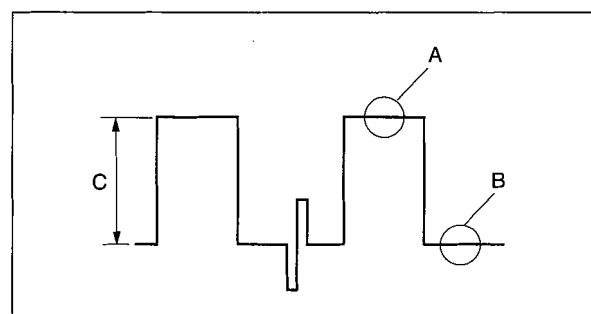
Equipment: HD waveform monitor

Test point: G/Y-1 connector/ADA-50 board

Adj. point: $\odot$ RV8 (B-2) /ADA-50 board

$\odot$ RV9 (B-2) /ADA-50 board

Spec.: Make flat at portions A and B
(Less than 5 mV p-p).



2. G Signal Level Adjustent-1

Equipment: HD waveform monitor

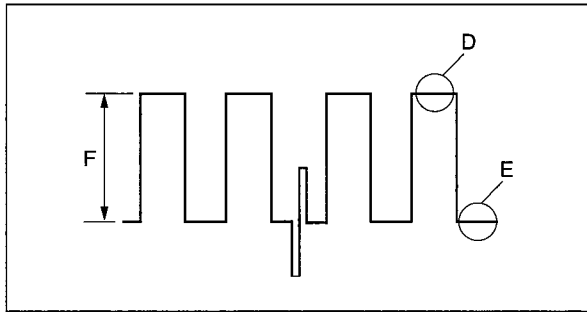
Test point: G/Y-1 connector/ADA-50 board

Adj. point: $\odot$ RV11 (C-2) /ADA-50 board

Spec.: $C = 700 \pm 5$ mV (terminated with 75Ω)

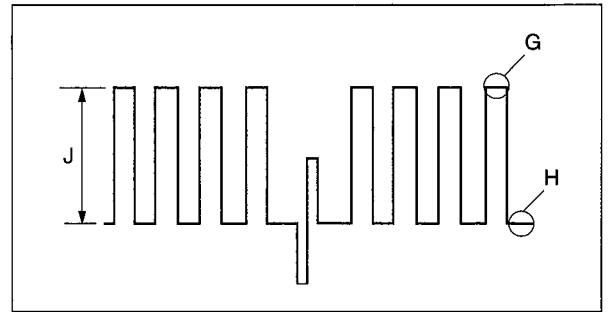
3. R Mix Level Adjustment

Equipment: HD waveform monitor
 Test point: R/P_R-1 connector/ADA-50 board
 Adj. point: ●RV7 (A-2) /ADA-50 board
 Spec.: Make flat at portions D and E
 (Less than 5 mV p-p).



5. B Mix Level Adjustment

Equipment: HD waveform monitor
 Test point: R/P_B-1 connector/ADA-50 board
 Adj. point: ●RV10 (A-2) /ADA-50 board
 Spec.: Make flat at portions G and H
 (Less than 5 mV p-p).

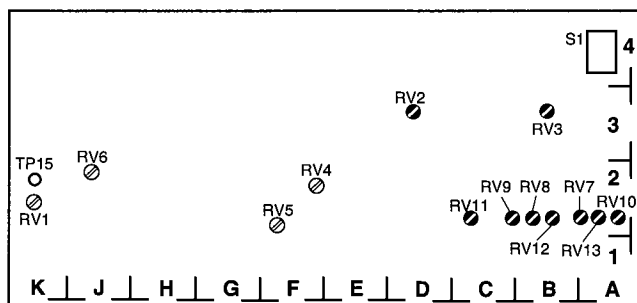


4. R Signal Level Adjustent-1

Equipment: HD waveform monitor
 Test point: R/P_R-1 connector/ADA-50 board
 Adj. point: ●RV12 (B-2) /ADA-50 board
 Spec.: $F = 700 \pm 5 \text{ mV}$ (terminated with 75Ω)

6. B Signal Level Adjustent-1

Equipment: HD waveform monitor
 Test point: R/P_B-1 connector/ADA-50 board
 Adj. point: ●RV13 (A-2) /ADA-50 board
 Spec.: $J = 700 \pm 5 \text{ mV}$ (terminated with 75Ω)

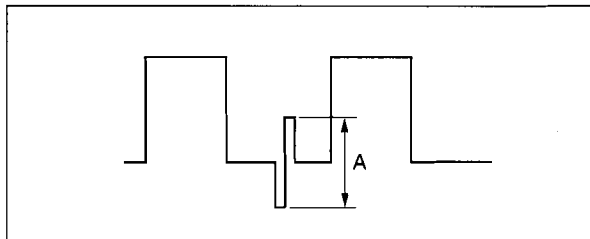


ADA-50 Board (Component side)

3-6-3. Sync Output Level Adjustment

Adjustment Procedures

- Equipment: HD waveform monitor
 Test point: G/Y-1 connector/ADA-50 board
 Adj. point: $\text{RV5 (F-2) / ADA-50 board}$
 Spec.: $A = 600 \pm 5 \text{ mV}$ (terminated with 75Ω)



3-6-4. A/D Conversion Level Adjustment

Note

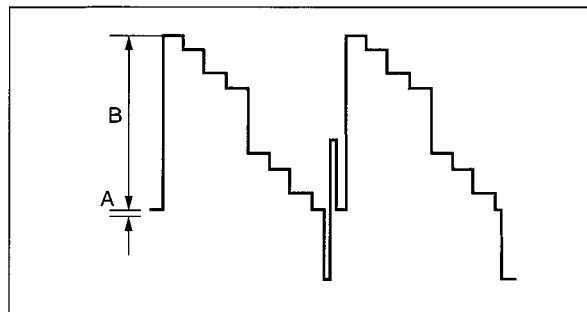
Disconnect a cable from the VTR connector of the camera.

Preparations

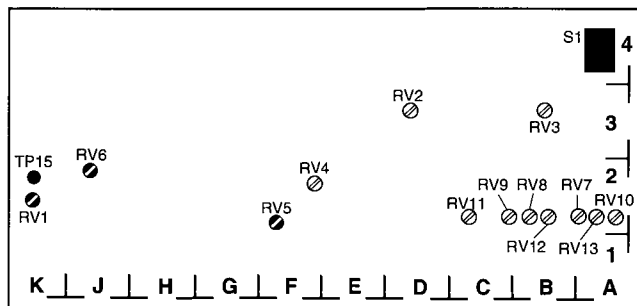
- Extend the VDA-31 board of HDC-700/HDCA-750 with an extension board.
- Connect between G/Y OUT connector on the ADA-50 board and A-RET-IN1 connector on the ADA-50 board using a BNC cable.
- S1-5 (A-4) /ADA-50 board $\rightarrow$ OFF (Y/P_R/P_B)
- BARS button /MSU-700 $\rightarrow$ ON
- RET1 button /camera $\rightarrow$ ON

Adjustment Procedures

- Equipment: Oscilloscope
 Test point: TP15/ extension board (VDA-31 board)
 Adj.: $\text{RV6 (J-2) / ADA-50 board}$
 Spec.: $A = 0 \pm 5 \text{ mV}$



- Equipment: Oscilloscope
 Test point: TP15/ extension board (VDA-31 board)
 Adj.: $\text{RV1 (K-2) / ADA-50 board}$
 Spec.: $B = 1400 \pm 10 \text{ mV}$



ADA-50 Board (Component side)

Section 4

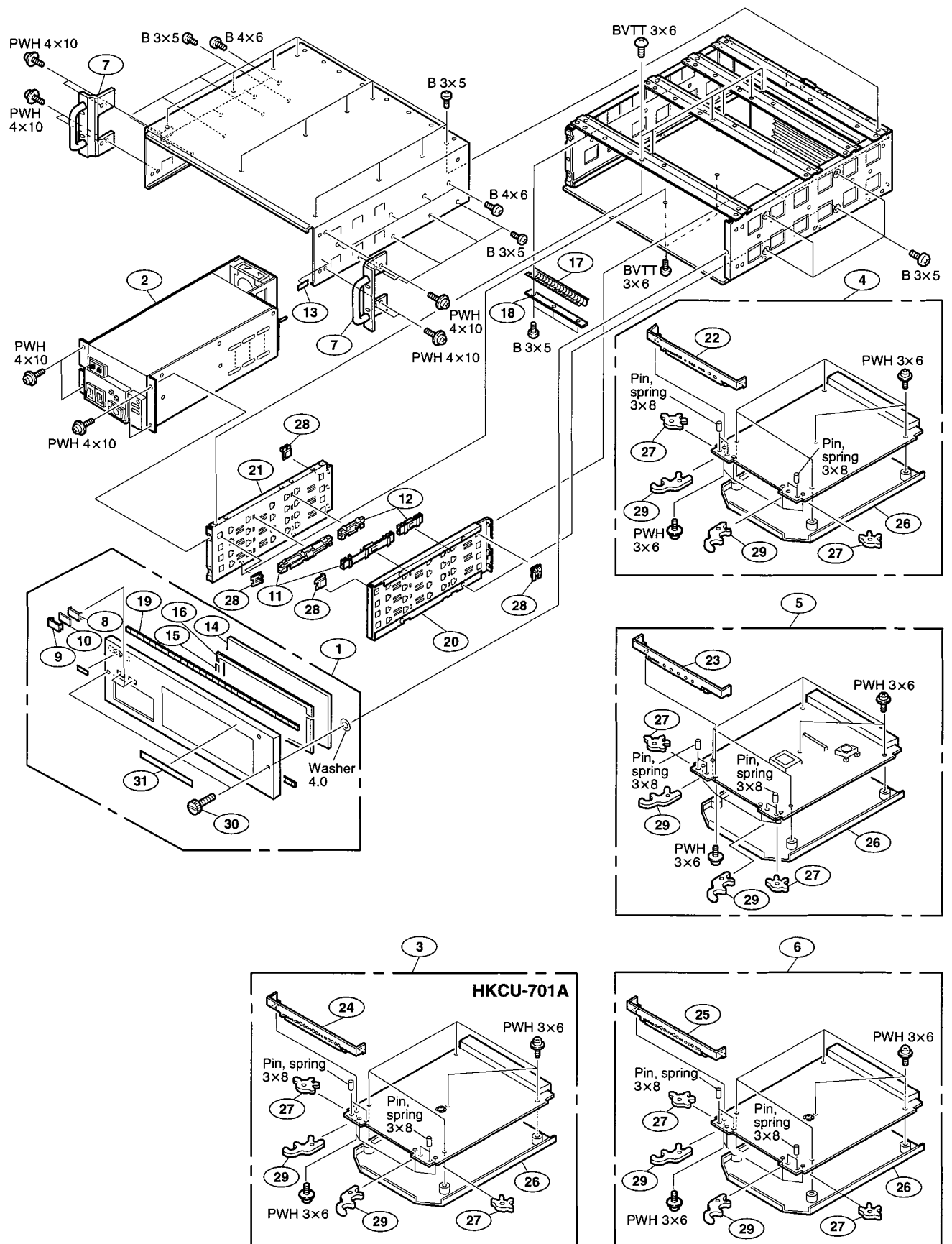
Spare Parts

4-1. Screws and Washers

Part No.	SP Description
7-621-773-86	s SCREW +B 2.6X4
7-621-775-20	s SCREW +B 2.6X5
7-621-775-88	s SCREW +B 2.6X16
7-623-308-07	s LW 3, TYPE (A)
7-623-925-01	s WASHER 4.0, NYLON
7-624-200-01	s NUT, PUSH 1.5
7-626-320-11	s PIN, SPRING 3X8
7-627-553-37	s SCREW, PRECISION +P 2X3
7-627-556-17	s SCREW, PRECISION +P 2.6X3 TYPE1
7-628-253-20	s SCREW +PS 2X6
7-682-275-09	s SCREW +K 5X10
7-682-546-04	s SCREW +B 3X5
7-682-548-04	s SCREW +B 3X8
7-682-560-04	o SCREW +B 4X6
7-682-574-04	s SCREW +B 5X8
7-682-646-09	s SCREW +PS 3X5
7-682-903-01	s SCREW +PWH 3X5
7-682-903-11	s SCREW +PWH 3X6
7-682-903-19	s SCREW +PWH 3X6
7-682-904-21	s SCREW +PWH 4X10
7-682-947-01	s SCREW +PSW 3X6
7-682-948-01	s SCREW +PSW 3X8
7-682-949-01	s SCREW +PSW 3X10
7-683-401-04	s BOLT, HEXAGON SOCKET 3X4
7-684-220-02	s NUT 3, HEXAGON CAP
7-685-871-01	s SCREW +BVTT 3X6 (S)

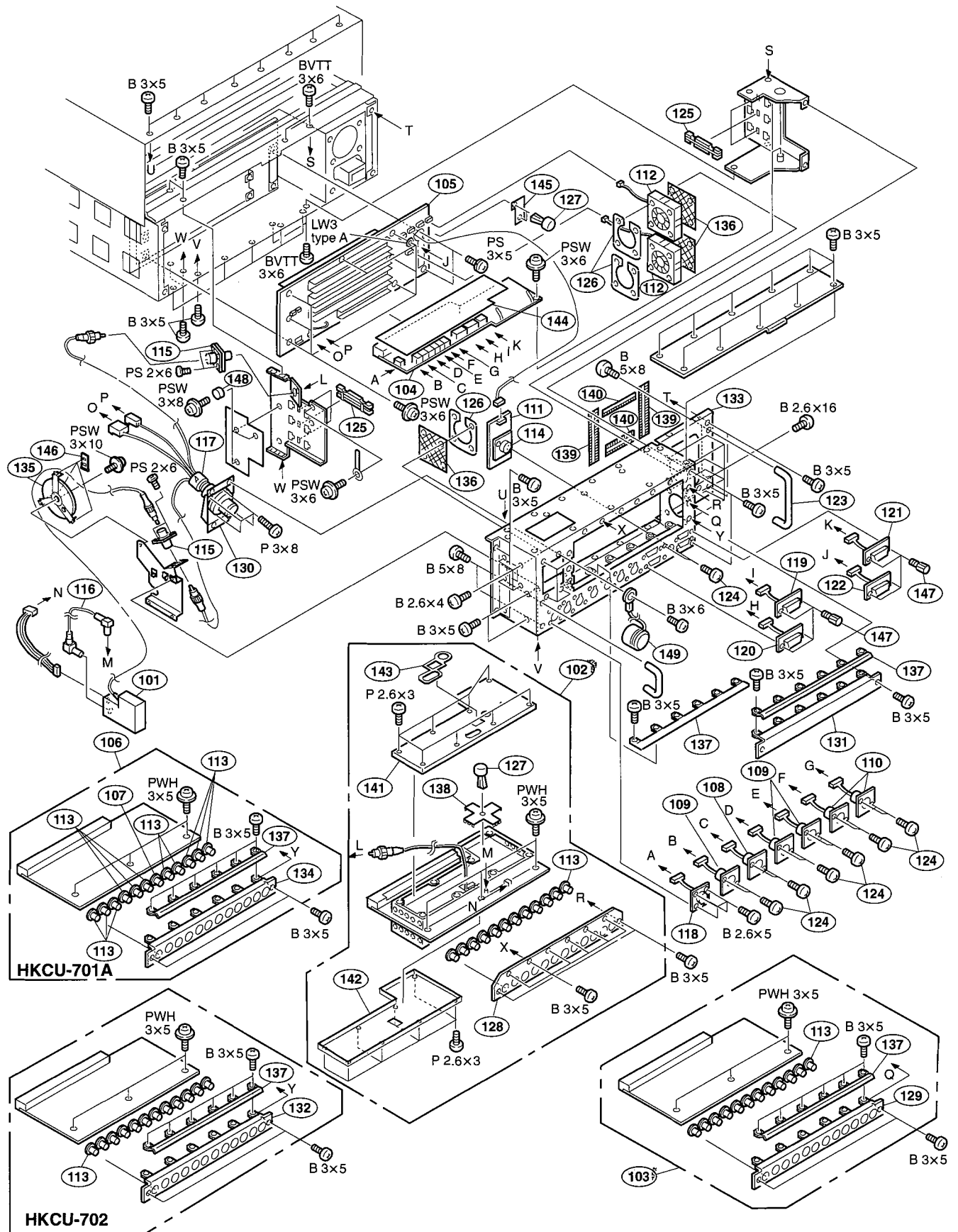
4-2. Exploded Views

No.	Part No.	SP Description
1	A-8273-347-B	o FRONT ASSY
2	Δ A-8312-120-B	s POWER UNIT (PR)
3	A-8318-492-A	o MOUNTED CIRCUIT BOARD, IF-704A (For UC)
	A-8318-494-A	o MOUNTED CIRCUIT BOARD, IF-704B (For J)
4	A-8318-498-A	o MOUNTED CIRCUIT BOARD, DPR-108
5	A-8318-499-A	o MOUNTED CIRCUIT BOARD, RC-70
6	A-8318-500-A	o MOUNTED CIRCUIT BOARD, AT-103A
7	X-2127-218-3	o ANGLE (3U) ASSY, RACK
8	2-139-192-01	s FRAME, INDICATOR WINDOW
9	2-139-193-02	s WINDOW, INDICATOR
10	2-249-353-00	s COVER, LAMP
11	3-169-099-01	o RAIL, PC BOARD GUIDE
12	3-174-468-01	o RAIL (60), PC BOARD GUIDE
13	3-188-177-21	o LABEL, FCC/IC (CLASS A)
14	3-602-572-02	o FILTER
15	3-602-573-01	o TAPE1, ADHENSIVE
16	3-602-574-01	o TAPE2, ADHENSIVE
17	3-605-662-01	o SPRING, SHIELD
18	3-605-663-01	o PLATE, SPRING
19	3-605-665-02	o FINGER, SHIELD
20	3-606-404-01	o RAIL PLATE R
21	3-611-660-01	o RAIL PLATE L
22	3-612-880-01	o PC BOARD PANEL DPR
23	3-613-306-01	o PC BOARD PANEL RC
24	3-613-364-01	o PC BOARD PANEL IF
25	3-613-365-01	o PC BOARD PANEL AT
26	3-681-020-01	o PC SHIELD PLATE
27	3-681-042-01	o LEVER, PC BOARD (1)
28	3-681-043-01	o GUIDE
29	3-681-045-01	o LEVER, PC BOARD (2)
30	3-687-887-01	s SCREW (M 4X20)
31	3-697-895-01	o NAME LABEL



#1 : Serial No. 10001 to 10052
#2 : Serial No. 10053 and higher

No.	Part No.	SP Description
101	A-8273-133-A	o MOUNTED CIRCUIT BOARD, RX-28
102	A-8273-352-A	o MOUNTED CIRCUIT BOARD, SDI-11
103	A-8273-353-A	o MOUNTED CIRCUIT BOARD, DIF-40
104	A-8273-354-A	o MOUNTED CIRCUIT BOARD, PS-414
105	A-8273-355-A	o MOUNTED CIRCUIT BOARD, MB-670
106	A-8273-733-A	o MOUNTED CIRCUIT BOARD, VDA-35
107	1-561-376-00	s CONNECTOR 4P, FEMALE "WF MODE"
108	1-563-029-31	s CONNECTOR 3P, FEMALE "RTS" (For UC)
109	1-563-030-21	s CONNECTOR 3P, MALE "RTS" (For J)
109	1-563-030-21	s CONNECTOR 3P, MALE "RTS" "MIC CH1/CH2" (For UC)
109	1-563-029-31	s CONNECTOR 3P, FEMALE "RTS" "MIC CH1/CH2" (For J)
110	1-569-253-21	s CONNECTOR, BNC "DIGITAL AUDIO" "CHARACTER"
111	1-660-070-12	o PRINTED CIRCUIT BOARD, CN-1364
112	1-698-059-11	s FAN, DC
113	1-764-273-11	s CONNECTOR, BNC
114	1-766-696-11	o CONNECTOR 8P, FEMALE "REMOTE"
115	1-774-996-11	o CONNECTOR, OPTICAL (FC TYPE)
116	1-777-058-21	o CABLE ASSEMBLY, COAXIAL
117	1-777-204-13	o CABLE ASSEMBLY, ENCAPSULAT (F)
118	1-955-936-11	o HARNESS (MULTIPLE CONNECTOR)
119	1-955-939-12	o HARNESS, SUB (REMOTE (WF))
120	1-955-940-11	o HARNESS, SUB (REMOTE (MIC))
121	1-955-941-11	o HARNESS, SUB (AUX-DATA)
122	1-955-942-11	o HARNESS, SUB (TRUCK-LINE)
123	2-378-801-01	s HANDLE
124	3-165-162-01	s SCREW (+P 2.6X5) (TYPE1)
125	3-174-468-01	o RAIL (60), PC BOARD GUIDE
126	3-175-713-01	o NUT (M2.6), PLATE
127	3-531-576-11	s RIVER
128	3-602-553-05	o BNC PANEL (SDI)
129	3-602-563-02	o BNC PANEL (DIF)
130	3-602-568-01	o CN BOX
131	3-602-569-02	o BLANK PANEL
132	#2 3-602-570-03	o BNC PANEL (ADA)
132	#1 3-602-570-01	o BNC PANEL (ADA)
133	3-602-571-03	o REAR PANEL
134	3-603-240-02	o BNC PANEL (VDA)
135	3-603-400-01	o REEL
136	3-605-659-01	o NET, FAN
137	3-605-669-02	o SPRING, SHIELD
138	3-605-670-01	o GUIDE, CABLE
139	3-605-884-01	o FINGER, SHIELD
140	3-605-885-01	o FINGER, SHIELD
141	3-608-896-01	o SDI LID (1)
142	3-608-897-02	o SDI LID (2)
143	3-608-898-01	o GUARD, CABLE
144	3-611-651-01	o INSULATOR, REAR
145	3-693-964-01	o SHEET, INSULATING
146	3-697-899-02	o CLAMP BAND
147	3-711-228-01	o STRANDOFF, D SUB CONNECTOR
148	4-885-818-01	o SPACER
149	9-880-278-01	s CAP, CONNECTOR



4-3. HDCU-700A Electrical Parts List

AT-103A BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8318-500-A	o MOUNTED CIRCUIT BOARD, AT-103A
1pc	3-613-365-01	o PC BOARD PANEL AT
1pc	3-681-020-01	o PC SHIELD PLATE
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 PIN, SPRING 3X8
9pcs	7-682-903-11	s SCREW +PWH 3X6
4pcs	1-533-223-11	s HOLDER, FUSE
BT1	1-550-104-32	s HOLDER, BATTERY
C1	1-163-038-91	s CERAMIC 0.1uF 25V
C2	1-104-851-11	s TANTALUM 10uF 20% 10V
C3	1-163-038-91	s CERAMIC 0.1uF 25V
C4	1-163-038-91	s CERAMIC 0.1uF 25V
C5	1-163-038-91	s CERAMIC 0.1uF 25V
C6	1-163-038-91	s CERAMIC 0.1uF 25V
C7	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C8	1-163-038-91	s CERAMIC 0.1uF 25V
C9	1-107-689-21	s TANTALUM 1uF 20% 35V
C10	1-107-689-21	s TANTALUM 1uF 20% 35V
C11	1-163-038-91	s CERAMIC 0.1uF 25V
C12	1-163-038-91	s CERAMIC 0.1uF 25V
C13	1-163-038-91	s CERAMIC 0.1uF 25V
C14	1-163-038-91	s CERAMIC 0.1uF 25V
C15	1-163-038-91	s CERAMIC 0.1uF 25V
C16	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C17	1-107-689-21	s TANTALUM 1uF 20% 35V
C18	1-107-689-21	s TANTALUM 1uF 20% 35V
C19	1-163-038-91	s CERAMIC 0.1uF 25V
C20	1-163-038-91	s CERAMIC 0.1uF 25V
C21	1-163-038-91	s CERAMIC 0.1uF 25V
C22	1-163-038-91	s CERAMIC 0.1uF 25V
C23	1-163-038-91	s CERAMIC 0.1uF 25V
C24	1-163-038-91	s CERAMIC 0.1uF 25V
C25	1-163-038-91	s CERAMIC 0.1uF 25V
C26	1-163-038-91	s CERAMIC 0.1uF 25V
C27	1-163-038-91	s CERAMIC 0.1uF 25V
C28	1-163-038-91	s CERAMIC 0.1uF 25V
C29	1-104-851-11	s TANTALUM 10uF 20% 10V
C30	1-163-231-11	s CERAMIC 15PF 5% 50V
C31	1-163-231-11	s CERAMIC 15PF 5% 50V
C32	1-104-905-11	s DOUBLE LAYERS 0.22FARAD 5.5V
C33	1-163-038-91	s CERAMIC 0.1uF 25V
C34	1-163-038-91	s CERAMIC 0.1uF 25V
C35	1-163-038-91	s CERAMIC 0.1uF 25V
C36	1-163-038-91	s CERAMIC 0.1uF 25V
C37	1-163-038-91	s CERAMIC 0.1uF 25V
C38	1-163-038-91	s CERAMIC 0.1uF 25V
C39	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C40	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C41	1-163-038-91	s CERAMIC 0.1uF 25V
C42	1-163-038-91	s CERAMIC 0.1uF 25V
C43	1-163-038-91	s CERAMIC 0.1uF 25V
C44	1-163-038-91	s CERAMIC 0.1uF 25V
C45	1-163-038-91	s CERAMIC 0.1uF 25V
C46	1-163-038-91	s CERAMIC 0.1uF 25V
C47	1-163-038-91	s CERAMIC 0.1uF 25V
C48	1-163-038-91	s CERAMIC 0.1uF 25V
C49	1-163-038-91	s CERAMIC 0.1uF 25V

(AT-103A BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C50	1-163-038-91	s CERAMIC 0.1uF 25V
C51	1-163-038-91	s CERAMIC 0.1uF 25V
C52	1-163-038-91	s CERAMIC 0.1uF 25V
C53	1-163-038-91	s CERAMIC 0.1uF 25V
C54	1-163-038-91	s CERAMIC 0.1uF 25V
C55	1-163-038-91	s CERAMIC 0.1uF 25V
C56	1-163-038-91	s CERAMIC 0.1uF 25V
C57	1-163-038-91	s CERAMIC 0.1uF 25V
C58	1-163-038-91	s CERAMIC 0.1uF 25V
C59	1-163-038-91	s CERAMIC 0.1uF 25V
C60	1-163-038-91	s CERAMIC 0.1uF 25V
C61	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C62	1-163-038-91	s CERAMIC 0.1uF 25V
C63	1-163-038-91	s CERAMIC 0.1uF 25V
C64	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C65	1-163-038-91	s CERAMIC 0.1uF 25V
C66	1-163-038-91	s CERAMIC 0.1uF 25V
C67	1-163-038-91	s CERAMIC 0.1uF 25V
C68	1-163-038-91	s CERAMIC 0.1uF 25V
C69	1-163-038-91	s CERAMIC 0.1uF 25V
C70	1-163-038-91	s CERAMIC 0.1uF 25V
C71	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C72	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C73	1-163-038-91	s CERAMIC 0.1uF 25V
C74	1-163-245-11	s CERAMIC, CHIP 56PF 5% 50V
C75	1-163-259-91	s CERAMIC 220PF 5% 50V
C76	1-163-038-91	s CERAMIC 0.1uF 25V
C77	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C78	1-163-038-91	s CERAMIC 0.1uF 25V
C79	1-163-038-91	s CERAMIC 0.1uF 25V
C80	1-104-851-11	s TANTALUM 10uF 20% 10V
C81	1-113-642-11	s TANTALUM 47uF 20% 10V
C82	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C83	1-113-642-11	s TANTALUM 47uF 20% 10V
C84	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C85	1-104-913-11	s TANTALUM 10uF 20% 16V
C86	1-104-913-11	s TANTALUM 10uF 20% 16V
C87	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C88	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C89	1-104-914-11	s TANTALUM 22uF 20% 16V
C90	1-104-914-11	s TANTALUM 22uF 20% 16V
C91	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C92	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C93	1-163-038-91	s CERAMIC 0.1uF 25V
C94	1-163-038-91	s CERAMIC 0.1uF 25V
C95	1-126-392-11	s ELECT, CHIP 100uF 20% 6.3V
C96	1-104-913-11	s TANTALUM 10uF 20% 16V
C97	1-126-392-11	s ELECT, CHIP 100uF 20% 6.3V
C98	1-104-913-11	s TANTALUM 10uF 20% 16V
C99	1-163-038-91	s CERAMIC 0.1uF 25V
C100	1-163-038-91	s CERAMIC 0.1uF 25V
C101	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C102	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C103	1-163-038-91	s CERAMIC 0.1uF 25V
C104	1-163-038-91	s CERAMIC 0.1uF 25V
C105	1-104-913-11	s TANTALUM 10uF 20% 16V
C106	1-104-913-11	s TANTALUM 10uF 20% 16V
C107	1-163-038-91	s CERAMIC 0.1uF 25V
C108	1-163-038-91	s CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C109	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C110	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C111	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C112	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C113	1-163-259-91	s CERAMIC 220PF 5% 50V
C114	1-162-957-11	s CERAMIC, CHIP 220PF 5% 50V
C115	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C116	1-163-038-91	s CERAMIC 0.1uF 25V
C117	1-163-038-91	s CERAMIC 0.1uF 25V
C118	1-163-038-91	s CERAMIC 0.1uF 25V
C119	1-163-038-91	s CERAMIC 0.1uF 25V
C120	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C121	1-104-913-11	s TANTALUM 10uF 20% 16V
C122	1-104-913-11	s TANTALUM 10uF 20% 16V
C124	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C125	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C126	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C127	1-107-689-21	s TANTALUM 1uF 20% 35V
C128	1-107-689-21	s TANTALUM 1uF 20% 35V
C129	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C131	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C132	1-163-038-91	s CERAMIC 0.1uF 25V
C133	1-107-689-21	s TANTALUM 1uF 20% 35V
C134	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C135	1-107-689-21	s TANTALUM 1uF 20% 35V
C137	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C138	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C139	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C140	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C141	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C142	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C143	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C144	1-164-161-11	s CERAMIC, CHIP 0.0022uF 10% 100V
C145	1-164-161-11	s CERAMIC, CHIP 0.0022uF 10% 100V
C146	1-163-038-91	s CERAMIC 0.1uF 25V
C147	1-163-038-91	s CERAMIC 0.1uF 25V
C148	1-163-038-91	s CERAMIC 0.1uF 25V
C149	1-163-038-91	s CERAMIC 0.1uF 25V
C150	1-107-686-11	s TANTALUM 4.7uF 20% 16V
C152	1-104-852-11	s TANTALUM 22uF 20% 10V
C153	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C154	1-104-852-11	s TANTALUM 22uF 20% 10V
C155	1-104-914-11	s TANTALUM 22uF 20% 16V
C156	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C157	1-107-686-11	s TANTALUM 4.7uF 20% 16V
C158	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C159	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C160	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C161	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C162	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C163	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C164	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C165	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C166	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C167	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C168	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C169	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C170	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C171	1-163-257-11	s CERAMIC, CHIP 180PF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C172	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C173	1-163-257-11	s CERAMIC, CHIP 180PF 5% 50V
C174	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C176	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C177	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C179	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C180	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C181	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C182	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C183	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C184	1-104-914-11	s TANTALUM 22uF 20% 16V
C185	1-104-914-11	s TANTALUM 22uF 20% 16V
C186	1-104-914-11	s TANTALUM 22uF 20% 16V
C187	1-104-914-11	s TANTALUM 22uF 20% 16V
C188	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C189	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C190	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C191	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C192	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C193	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C194	1-107-686-11	s TANTALUM 4.7uF 20% 16V
C195	1-107-686-11	s TANTALUM 4.7uF 20% 16V
C196	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C197	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C198	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C199	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C200	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C201	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C202	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C203	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C204	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C205	1-107-689-21	s TANTALUM 1uF 20% 35V
C206	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C207	1-163-038-91	s CERAMIC 0.1uF 25V
C208	1-163-038-91	s CERAMIC 0.1uF 25V
C209	1-163-038-91	s CERAMIC 0.1uF 25V
C210	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C211	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C212	1-126-392-11	s ELECT, CHIP 100uF 20% 6.3V
C213	1-126-392-11	s ELECT, CHIP 100uF 20% 6.3V
C214	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C215	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C216	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C217	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C218	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C219	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C220	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C221	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C222	1-128-397-21	s ELECT 100uF 20% 16V
C223	1-128-397-21	s ELECT 100uF 20% 16V
C224	1-128-397-21	s ELECT 100uF 20% 16V
C225	1-128-397-21	s ELECT 100uF 20% 16V
C226	1-163-038-91	s CERAMIC 0.1uF 25V
C227	1-128-397-21	s ELECT 100uF 20% 16V
C228	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C229	1-128-397-21	s ELECT 100uF 20% 16V
C230	1-128-397-21	s ELECT 100uF 20% 16V
C231	1-113-991-11	s TANTALUM 33uF 20% 16V
C232	1-113-991-11	s TANTALUM 33uF 20% 16V

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Ref. No. or Q'ty	Part No.	SP Description
C233	1-128-397-21	s ELECT 100uF 20% 16V
C234	1-107-686-11	s TANTALUM 4.7uF 20% 16V
C235	1-107-686-11	s TANTALUM 4.7uF 20% 16V
C236	1-113-991-11	s TANTALUM 33uF 20% 16V
C237	1-113-991-11	s TANTALUM 33uF 20% 16V
C238	1-107-686-11	s TANTALUM 4.7uF 20% 16V
C239	1-107-686-11	s TANTALUM 4.7uF 20% 16V
C240	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C241	1-163-231-11	s CERAMIC 15PF 5% 50V
C242	1-163-038-91	s CERAMIC 0.1uF 25V
C243	1-163-038-91	s CERAMIC 0.1uF 25V
C244	1-163-038-91	s CERAMIC 0.1uF 25V
C245	1-163-038-91	s CERAMIC 0.1uF 25V
C246	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C247	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C248	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C249	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C250	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C251	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C252	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C253	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C254	1-104-852-11	s TANTALUM 22uF 20% 10V
C255	1-128-397-21	s ELECT 100uF 20% 16V
C256	1-128-397-21	s ELECT 100uF 20% 16V
C257	1-163-038-91	s CERAMIC 0.1uF 25V
C258	1-128-397-21	s ELECT 100uF 20% 16V
C259	1-128-397-21	s ELECT 100uF 20% 16V
C260	1-128-397-21	s ELECT 100uF 20% 16V
C261	1-128-397-21	s ELECT 100uF 20% 16V
C262	1-123-566-00	s ELECT 2200uF 20% 16V
C263	1-123-566-00	s ELECT 2200uF 20% 16V
C264	1-128-397-21	s ELECT 100uF 20% 16V
C265	1-128-397-21	s ELECT 100uF 20% 16V
C266	1-123-566-00	s ELECT 2200uF 20% 16V
C267	1-123-566-00	s ELECT 2200uF 20% 16V
C268	1-128-397-21	s ELECT 100uF 20% 16V
C269	1-128-397-21	s ELECT 100uF 20% 16V
C270	1-163-038-91	s CERAMIC 0.1uF 25V
C271	1-163-038-91	s CERAMIC 0.1uF 25V
C272	1-128-397-21	s ELECT 100uF 20% 16V
C273	1-128-397-21	s ELECT 100uF 20% 16V
C274	1-163-038-91	s CERAMIC 0.1uF 25V
C275	1-104-852-11	s TANTALUM 22uF 20% 10V
C276	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C277	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C279	1-128-397-21	s ELECT 100uF 20% 16V
C280	1-128-397-21	s ELECT 100uF 20% 16V
C281	1-128-397-21	s ELECT 100uF 20% 16V
C282	1-128-397-21	s ELECT 100uF 20% 16V
C283	1-104-851-11	s TANTALUM 10uF 20% 10V
C284	1-163-038-91	s CERAMIC 0.1uF 25V
C285	1-135-071-21	s TANTALUM, CHIP 0.15uF 10% 35V
C286	1-113-682-11	s TANTALUM 33uF 20% 10V
C287	1-163-038-91	s CERAMIC 0.1uF 25V
C288	1-104-851-11	s TANTALUM 10uF 20% 10V
C289	1-163-038-91	s CERAMIC 0.1uF 25V
C290	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C291	1-163-038-91	s CERAMIC 0.1uF 25V
C292	1-104-851-11	s TANTALUM 10uF 20% 10V

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Ref. No. or Q'ty	Part No.	SP Description
C293	1-163-038-91	s CERAMIC 0.1uF 25V
C294	1-163-038-91	s CERAMIC 0.1uF 25V
C295	1-163-038-91	s CERAMIC 0.1uF 25V
C296	1-163-038-91	s CERAMIC 0.1uF 25V
C297	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C298	1-130-493-00	s MYLAR 0.068uF 5% 50V
C299	1-135-259-11	s TANTAL 10uF 20% 6.3V
C300	1-163-038-91	s CERAMIC 0.1uF 25V
C301	1-163-038-91	s CERAMIC 0.1uF 25V
C302	1-163-038-91	s CERAMIC 0.1uF 25V
C303	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C304	1-104-851-11	s TANTALUM 10uF 20% 10V
C305	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C306	1-163-038-91	s CERAMIC 0.1uF 25V
C307	1-104-852-11	s TANTALUM 22uF 20% 10V
C308	1-163-038-91	s CERAMIC 0.1uF 25V
C309	1-163-038-91	s CERAMIC 0.1uF 25V
C310	1-163-038-91	s CERAMIC 0.1uF 25V
C311	1-163-038-91	s CERAMIC 0.1uF 25V
C312	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C313	1-163-038-91	s CERAMIC 0.1uF 25V
C314	1-163-038-91	s CERAMIC 0.1uF 25V
C315	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C316	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C317	1-104-852-11	s TANTALUM 22uF 20% 10V
C318	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C319	1-107-689-21	s TANTALUM 1uF 20% 35V
C320	1-104-851-11	s TANTALUM 10uF 20% 10V
C321	1-104-851-11	s TANTALUM 10uF 20% 10V
C322	1-163-038-91	s CERAMIC 0.1uF 25V
C323	1-163-038-91	s CERAMIC 0.1uF 25V
C324	1-163-038-91	s CERAMIC 0.1uF 25V
C325	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C326	1-104-852-11	s TANTALUM 22uF 20% 10V
C327	1-163-038-91	s CERAMIC 0.1uF 25V
C328	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C329	1-163-038-91	s CERAMIC 0.1uF 25V
C330	1-163-137-00	s CERAMIC, CHIP 680PF 5% 50V
C331	1-163-038-91	s CERAMIC 0.1uF 25V
C332	1-163-038-91	s CERAMIC 0.1uF 25V
C333	1-104-851-11	s TANTALUM 10uF 20% 10V
C334	1-113-642-11	s TANTALUM 47uF 20% 10V
C335	1-113-642-11	s TANTALUM 47uF 20% 10V
C336	1-135-071-21	s TANTALUM, CHIP 0.15uF 10% 35V
C337	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C338	1-163-229-11	s CERAMIC, CHIP 12PF 5% 50V
C339	1-163-038-91	s CERAMIC 0.1uF 25V
C340	1-163-038-91	s CERAMIC 0.1uF 25V
C341	1-163-241-11	s CERAMIC, CHIP 39PF 5% 50V
C342	1-163-253-11	s CERAMIC, CHIP 120PF 5% 50V
C343	1-163-127-00	s CERAMIC, CHIP 270PF 5% 50V
C344	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C345	1-164-182-11	s CERAMIC, CHIP 3300PF 10% 100V
C346	1-163-038-91	s CERAMIC 0.1uF 25V
C347	1-163-038-91	s CERAMIC 0.1uF 25V
C348	1-163-038-91	s CERAMIC 0.1uF 25V
C349	1-163-038-91	s CERAMIC 0.1uF 25V
C350	1-163-038-91	s CERAMIC 0.1uF 25V
C351	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C352	1-130-483-00	s MYLAR 0.01uF 5% 50V
C353	1-163-038-91	s CERAMIC 0.1uF 25V
C354	1-104-851-11	s TANTALUM 10uF 20% 10V
C355	1-163-127-00	s CERAMIC, CHIP 270PF 5% 50V
C356	1-163-038-91	s CERAMIC 0.1uF 25V
C357	1-163-038-91	s CERAMIC 0.1uF 25V
C358	1-163-038-91	s CERAMIC 0.1uF 25V
C359	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C360	1-113-642-11	s TANTALUM 47uF 20% 10V
C361	1-163-038-91	s CERAMIC 0.1uF 25V
C362	1-163-038-91	s CERAMIC 0.1uF 25V
C363	1-135-259-11	s TANTAL 10uF 20% 6.3V
C364	1-113-642-11	s TANTALUM 47uF 20% 10V
C365	1-113-642-11	s TANTALUM 47uF 20% 10V
C366	1-163-038-91	s CERAMIC 0.1uF 25V
C367	1-163-038-91	s CERAMIC 0.1uF 25V
C368	1-113-642-11	s TANTALUM 47uF 20% 10V
C369	1-130-493-00	s MYLAR 0.068uF 5% 50V
C370	1-163-038-91	s CERAMIC 0.1uF 25V
C371	1-113-642-11	s TANTALUM 47uF 20% 10V
C372	1-163-038-91	s CERAMIC 0.1uF 25V
C373	1-163-038-91	s CERAMIC 0.1uF 25V
C374	1-163-038-91	s CERAMIC 0.1uF 25V
C375	1-163-245-11	s CERAMIC, CHIP 56PF 5% 50V
C376	1-113-642-11	s TANTALUM 47uF 20% 10V
C377	1-113-642-11	s TANTALUM 47uF 20% 10V
C378	1-104-851-11	s TANTALUM 10uF 20% 10V
C379	1-113-642-11	s TANTALUM 47uF 20% 10V
C380	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C381	1-113-642-11	s TANTALUM 47uF 20% 10V
C382	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C383	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C384	1-104-852-11	s TANTALUM 22uF 20% 10V
C385	1-104-851-11	s TANTALUM 10uF 20% 10V
C386	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C387	1-163-038-91	s CERAMIC 0.1uF 25V
C388	1-163-038-91	s CERAMIC 0.1uF 25V
C390	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C391	1-104-851-11	s TANTALUM 10uF 20% 10V
C392	1-163-038-91	s CERAMIC 0.1uF 25V
C393	1-163-038-91	s CERAMIC 0.1uF 25V
C395	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C396	1-163-257-11	s CERAMIC, CHIP 180PF 5% 50V
C397	1-163-257-11	s CERAMIC, CHIP 180PF 5% 50V
C398	1-163-127-00	s CERAMIC, CHIP 270PF 5% 50V
C399	1-163-127-00	s CERAMIC, CHIP 270PF 5% 50V
C400	1-104-851-11	s TANTALUM 10uF 20% 10V
C401	1-104-851-11	s TANTALUM 10uF 20% 10V
C402	1-163-038-91	s CERAMIC 0.1uF 25V
C403	1-163-038-91	s CERAMIC 0.1uF 25V
C404	1-107-689-21	s TANTALUM 1uF 20% 35V
C405	1-107-689-21	s TANTALUM 1uF 20% 35V
C406	1-163-038-91	s CERAMIC 0.1uF 25V
C407	1-163-038-91	s CERAMIC 0.1uF 25V
C408	1-163-038-91	s CERAMIC 0.1uF 25V
C409	1-163-038-91	s CERAMIC 0.1uF 25V
C410	1-163-038-91	s CERAMIC 0.1uF 25V
C411	1-163-038-91	s CERAMIC 0.1uF 25V
C412	1-104-851-11	s TANTALUM 10uF 20% 10V

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Ref. No. or Q'ty	Part No.	SP Description
C413	1-104-851-11	s TANTALUM 10uF 20% 10V
C414	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C415	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C416	1-163-038-91	s CERAMIC 0.1uF 25V
C417	1-163-038-91	s CERAMIC 0.1uF 25V
C418	1-104-852-11	s TANTALUM 22uF 20% 10V
C419	1-104-852-11	s TANTALUM 22uF 20% 10V
C420	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C421	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C422	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C423	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C424	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C425	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C426	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C427	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C428	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C429	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C430	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C431	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C432	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C433	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C434	1-113-682-11	s TANTALUM 33uF 20% 10V
C435	1-163-038-91	s CERAMIC 0.1uF 25V
C436	1-107-689-21	s TANTALUM 1uF 20% 35V
C437	1-163-038-91	s CERAMIC 0.1uF 25V
C438	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C439	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C440	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C441	1-126-935-11	s ELECT 470uF 20% 6.3V
C442	1-107-689-21	s TANTALUM 1uF 20% 35V
C443	1-107-689-21	s TANTALUM 1uF 20% 35V
C444	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C445	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C446	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C447	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C448	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C449	1-126-400-11	s ELECT, CHIP 22uF 20% 35V
C450	1-128-397-21	s ELECT 100uF 20% 16V
C451	1-113-642-11	s TANTALUM 47uF 20% 10V
C452	1-135-071-21	s TANTALUM, CHIP 0.15uF 10% 35V
C453	1-113-642-11	s TANTALUM 47uF 20% 10V
C454	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C455	1-164-182-11	s CERAMIC, CHIP 3300PF 10% 100V
C456	1-164-182-11	s CERAMIC, CHIP 3300PF 10% 100V
C457	1-107-884-11	s ELECT 1000uF 20% 16V
C458	1-107-884-11	s ELECT 1000uF 20% 16V
C459	1-107-689-21	s TANTALUM 1uF 20% 35V
C460	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C461	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C462	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C463	1-104-851-11	s TANTALUM 10uF 20% 10V
C464	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C465	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C466	1-113-682-11	s TANTALUM 33uF 20% 10V
C467	1-163-038-91	s CERAMIC 0.1uF 25V
C468	1-163-038-91	s CERAMIC 0.1uF 25V
C469	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C470	1-104-851-11	s TANTALUM 10uF 20% 10V
C471	1-163-222-11	s CERAMIC, CHIP 5PF 50V

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Ref. No. or Q'ty	Part No.	SP Description
C472	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C473	1-163-038-91	s CERAMIC 0.1uF 25V
C474	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C475	1-163-038-91	s CERAMIC 0.1uF 25V
C476	1-163-038-91	s CERAMIC 0.1uF 25V
C477	1-126-392-11	s ELECT, CHIP 100uF 20% 6.3V
C478	1-126-392-11	s ELECT, CHIP 100uF 20% 6.3V
C479	1-115-185-11	s CERAMIC 0.033uF 10% 50V
C480	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C481	1-104-851-11	s TANTALUM 10uF 20% 10V
C482	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C483	1-113-985-11	s TANTALUM 10uF 20% 20V
C484	1-163-038-91	s CERAMIC 0.1uF 25V
C485	1-163-038-91	s CERAMIC 0.1uF 25V
C486	1-113-985-11	s TANTALUM 10uF 20% 20V
C487	1-104-851-11	s TANTALUM 10uF 20% 10V
C488	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C489	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C490	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C491	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C492	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C493	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C494	1-107-689-21	s TANTALUM 1uF 20% 35V
C495	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C496	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C497	1-104-851-11	s TANTALUM 10uF 20% 10V
C498	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C499	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C500	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C501	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C502	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C503	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C504	1-104-851-11	s TANTALUM 10uF 20% 10V
C505	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C506	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C507	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C508	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C509	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C510	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C511	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C512	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C513	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C514	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C515	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C516	1-163-019-00	s CERAMIC, CHIP 0.0068uF 10% 50V
C517	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C518	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C519	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C520	1-163-038-91	s CERAMIC 0.1uF 25V
C521	1-163-038-91	s CERAMIC 0.1uF 25V
C522	1-163-038-91	s CERAMIC 0.1uF 25V
C523	1-163-038-91	s CERAMIC 0.1uF 25V
C524	1-163-038-91	s CERAMIC 0.1uF 25V
C525	1-163-038-91	s CERAMIC 0.1uF 25V
C526	1-163-038-91	s CERAMIC 0.1uF 25V
C527	1-163-038-91	s CERAMIC 0.1uF 25V
C528	1-163-038-91	s CERAMIC 0.1uF 25V
C529	1-104-851-11	s TANTALUM 10uF 20% 10V
C530	1-163-021-91	s CERAMIC 0.01uF 10% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C531	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C532	1-163-038-91	s CERAMIC 0.1uF 25V
C533	1-163-038-91	s CERAMIC 0.1uF 25V
C534	1-163-038-91	s CERAMIC 0.1uF 25V
C535	1-163-038-91	s CERAMIC 0.1uF 25V
C536	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C537	1-104-851-11	s TANTALUM 10uF 20% 10V
C538	1-164-505-11	s CERAMIC 2.2uF 16V
C539	1-164-505-11	s CERAMIC 2.2uF 16V
C540	1-164-505-11	s CERAMIC 2.2uF 16V
C541	1-164-505-11	s CERAMIC 2.2uF 16V
C542	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C543	1-104-851-11	s TANTALUM 10uF 20% 10V
C544	1-104-851-11	s TANTALUM 10uF 20% 10V
C545	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C601	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C940	1-163-038-91	s CERAMIC 0.1uF 25V
CN1	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN2	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN3	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN4	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CNI38	1-540-197-11	o SOCKET, IC 32P
CNI139	1-540-252-11	s SOCKET, IC (PLCC)
D1	8-719-947-01	s DIODE FMP1
D2	8-719-947-01	s DIODE FMP1
D3	8-719-947-01	s DIODE FMP1
D4	8-719-947-01	s DIODE FMP1
D5	8-719-104-34	s DIODE 1S2835
D6	8-719-104-34	s DIODE 1S2835
D7	8-719-159-85	s DIODE RD2.0MB
D8	8-719-159-85	s DIODE RD2.0MB
D9	8-719-948-48	s DIODE HSM88AS-TL
D10	8-719-947-01	s DIODE FMP1
D11	8-719-947-01	s DIODE FMP1
D12	8-719-947-01	s DIODE FMP1
D13	8-719-947-01	s DIODE FMP1
D14	8-719-159-85	s DIODE RD2.0MB
D15	8-719-159-85	s DIODE RD2.0MB
D16	8-719-159-85	s DIODE RD2.0MB
D17	8-719-159-85	s DIODE RD2.0MB
D18	8-719-801-78	s DIODE 1SS184
D19	8-719-801-78	s DIODE 1SS184
D20	8-719-159-85	s DIODE RD2.0MB
D21	8-719-159-85	s DIODE RD2.0MB
D22	8-719-159-85	s DIODE RD2.0MB
D23	8-719-159-85	s DIODE RD2.0MB
D24	8-719-104-34	s DIODE 1S2835
D25	8-719-800-76	s DIODE 1SS226
D26	8-719-800-76	s DIODE 1SS226
D27	8-719-159-85	s DIODE RD2.0MB
D28	8-719-159-85	s DIODE RD2.0MB
D29	8-719-159-85	s DIODE RD2.0MB
D30	8-719-159-85	s DIODE RD2.0MB
D31	8-719-801-78	s DIODE 1SS184
D32	8-719-801-78	s DIODE 1SS184
D33	8-719-801-78	s DIODE 1SS184
D34	8-719-104-34	s DIODE 1S2835
D35	8-719-159-85	s DIODE RD2.0MB

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Ref. No. or Q'ty	Part No.	SP Description
D36	8-719-159-85	s DIODE RD2.0MB
D37	8-719-104-34	s DIODE 1S2835
D38	8-719-104-34	s DIODE 1S2835
D39	8-719-104-34	s DIODE 1S2835
D41	8-719-800-76	s DIODE 1SS226
D42	8-719-974-41	s LED HLMP-6500-010, GRN
D43	8-719-104-34	s DIODE 1S2835
D44	8-719-800-76	s DIODE 1SS226
D45	8-719-800-76	s DIODE 1SS226
D46	8-719-800-76	s DIODE 1SS226
D47	8-719-974-41	s LED HLMP-6500-010, GRN
D48	8-719-800-76	s DIODE 1SS226
D49	8-719-800-76	s DIODE 1SS226
D50	8-719-974-41	s LED HLMP-6500-010, GRN
D51	8-719-974-41	s LED HLMP-6500-010, GRN
D52	8-719-974-41	s LED HLMP-6500-010, GRN
D53	8-719-974-41	s LED HLMP-6500-010, GRN
D54	8-719-104-34	s DIODE 1S2835
D55	8-719-104-34	s DIODE 1S2835
D56	8-719-801-78	s DIODE 1SS184
D57	8-719-801-78	s DIODE 1SS184
D58	8-719-157-23	s DIODE RD4.7M-B
D59	8-719-157-23	s DIODE RD4.7M-B
D60	8-719-157-23	s DIODE RD4.7M-B
D61	8-719-021-31	s DIODE UZM5.1B
D62	8-719-021-31	s DIODE UZM5.1B
D63	8-759-274-67	s IC LM4040BIM3-5.0
D64	8-719-106-53	s DIODE RD10M-B2
D65	8-719-106-53	s DIODE RD10M-B2
D66	8-719-801-78	s DIODE 1SS184
D67	8-719-104-34	s DIODE 1S2835
D68	8-719-800-76	s DIODE 1SS226
D69	8-719-159-85	s DIODE RD2.0MB
D70	8-719-104-34	s DIODE 1S2835
D71	8-719-801-78	s DIODE 1SS184
D72	8-719-157-23	s DIODE RD4.7M-B
D73	8-719-157-23	s DIODE RD4.7M-B
D74	8-719-104-34	s DIODE 1S2835
D75	8-719-029-59	s DIODE RD3.0UH-T1
D76	8-719-029-59	s DIODE RD3.0UH-T1
D77	8-719-157-36	s DIODE RD6.8M-B
D78	8-719-800-76	s DIODE 1SS226
D79	8-719-800-76	s DIODE 1SS226
D80	8-719-801-78	s DIODE 1SS184
D81	8-719-800-76	s DIODE 1SS226
D82	8-719-800-76	s DIODE 1SS226
D83	8-719-974-41	s LED HLMP-6500-010, GRN
D84	8-719-974-41	s LED HLMP-6500-010, GRN
D85	8-719-987-43	s LED CL-150PG-CD, GRN
D86	8-719-987-43	s LED CL-150PG-CD, GRN
D87	8-719-987-43	s LED CL-150PG-CD, GRN
D88	8-719-987-43	s LED CL-150PG-CD, GRN
D89	8-719-987-43	s LED CL-150PG-CD, GRN
D90	8-719-948-48	s DIODE HSM88AS-TL
D91	8-719-948-48	s DIODE HSM88AS-TL
D92	8-719-948-48	s DIODE HSM88AS-TL
D93	8-719-948-48	s DIODE HSM88AS-TL
D94	8-719-948-48	s DIODE HSM88AS-TL
D95	8-719-948-48	s DIODE HSM88AS-TL

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Ref. No. or Q'ty	Part No.	SP Description
D96	8-719-948-48	s DIODE HSM88AS-TL
D97	8-719-948-48	s DIODE HSM88AS-TL
D98	8-719-948-48	s DIODE HSM88AS-TL
E1	1-535-881-21	o TERMINAL, TP
E2	1-535-881-21	o TERMINAL, TP
E3	1-535-881-21	o TERMINAL, TP
E4	1-535-881-21	o TERMINAL, TP
E5	1-535-881-21	o TERMINAL, TP
E6	1-535-881-21	o TERMINAL, TP
E7	1-535-881-21	o TERMINAL, TP
E8	1-535-881-21	o TERMINAL, TP
E9	1-535-881-21	o TERMINAL, TP
F1	△ 1-576-225-11	s FUSE, TIME LAG 1A 250V
F2	△ 1-576-231-11	s FUSE, TIME LAG 4A 250V
F3	△ 1-533-817-21	s THERMISTOR, POSITIVE
F4	△ 1-533-817-21	s THERMISTOR, POSITIVE
FB1	1-412-363-21	s INDUCTOR CHIP 0uH
IC1	8-759-031-84	s IC TC7S04F
IC2	8-759-348-81	s IC SM5843AS1-E2
IC3	8-759-234-20	s IC TC7S08F
IC4	8-759-154-60	s IC UPD71055GB-10-3B4
IC5	8-759-082-57	s IC TC7W04FU
IC6	8-759-234-20	s IC TC7S08F
IC7	8-759-092-81	s IC SN75158PS
IC8	8-759-242-78	s IC TC7W02F
IC9	8-759-234-20	s IC TC7S08F
IC10	8-759-711-58	s IC NJM78L05UA
IC11	8-759-521-07	s IC MAX238CWG
IC12	8-759-059-50	s IC MB88351PFV
IC13	8-759-926-07	s IC SN74HC132ANS
IC14	8-759-149-05	s IC UPD71051GB-10-3B4
IC15	8-759-277-99	s IC CXD8889R
IC16	8-759-277-99	s IC CXD8889R
IC17	8-759-035-93	s IC TC7S32F-TE85L
IC18	8-759-035-90	s IC TC7S02F
IC19	8-759-011-63	s IC MC74HC4051F
IC20	8-759-154-60	s IC UPD71055GB-10-3B4
IC21	8-759-082-57	s IC TC7W04FU
IC22	8-759-926-98	s IC SN74HC4040ANS
IC23	8-759-637-07	s IC M62021FP
IC24	8-759-082-57	s IC TC7W04FU
IC25	8-759-035-90	s IC TC7S02F
IC26	8-759-035-93	s IC TC7S32F-TE85L
IC27	8-759-323-73	o IC HD6475328F10
IC28	8-759-285-08	s IC CXD8344AQ
IC29	8-759-906-54	s IC TL064CNS
IC30	8-759-906-54	s IC TL064CNS
IC31	8-759-085-04	s IC M51132FP
IC32	8-759-031-84	s IC TC7S04F
IC33	8-759-487-51	s IC HN58C257AT10
IC34	8-759-487-51	s IC HN58C257AT10
IC35	8-759-299-40	s IC AM28F010-120EC
IC36	8-759-497-30	s IC LC35256DT-10-TLM
IC37	8-759-925-85	s IC SN74HC32ANS
IC38	8-759-561-03	o IC M27V201-HDCU700A-V3.03, EPROM
IC39	8-759-389-33	s IC 74LCX244MTCX
IC40	8-759-031-84	s IC TC7S04F

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Ref. No. or Q'ty	Part No.	SP Description
IC41	8-759-926-07	s IC SN74HC132ANS
IC42	8-759-035-93	s IC TC7S32F-TE85L
IC43	8-759-926-49	s IC SN74HC245NS
IC44	8-759-035-90	s IC TC7S02F
IC45	8-759-926-48	s IC SN74HC244NS
IC46	8-759-926-48	s IC SN74HC244NS
IC47	8-759-082-57	s IC TC7W04FU
IC48	8-759-154-60	s IC UPD71055GB-10-3B4
IC49	8-759-472-24	s IC 74VHC157MTCX
IC50	8-759-472-24	s IC 74VHC157MTCX
IC51	8-759-472-24	s IC 74VHC157MTCX
IC52	8-752-344-45	s IC CXD2555Q
IC53	8-759-926-48	s IC SN74HC244NS
IC54	8-759-926-48	s IC SN74HC244NS
IC55	8-759-078-75	s IC UPD6453GT-610
IC56	8-759-234-20	s IC TC7S08F
IC57	8-759-054-61	s IC CLC505AJE
IC58	8-759-711-58	s IC NJM78L05UA
IC59	8-752-344-45	s IC CXD2555Q
IC60	8-759-253-91	s IC PCM1702U
IC61	8-759-253-91	s IC PCM1702U
IC62	8-759-278-58	s IC NJM4558V-TE2
IC63	8-759-045-17	s IC NJM79L05UA
IC64	8-759-045-17	s IC NJM79L05UA
IC65	8-759-278-58	s IC NJM4558V-TE2
IC66	8-759-278-58	s IC NJM4558V-TE2
IC67	8-759-278-58	s IC NJM4558V-TE2
IC68	8-759-209-57	s IC TC4S69F
IC69	8-759-278-58	s IC NJM4558V-TE2
IC70	8-759-700-96	s IC NJM5534M
IC71	8-759-278-58	s IC NJM4558V-TE2
IC72	8-759-700-96	s IC NJM5534M
IC73	8-759-278-58	s IC NJM4558V-TE2
IC74	8-759-927-46	s IC SN74HC00ANS
IC75	8-759-231-30	s IC TC4S30F
IC76	8-759-231-30	s IC TC4S30F
IC77	8-759-242-64	s IC TC4W53F
IC78	8-759-369-73	s IC NJM4556AM-A-TE2
IC79	8-759-369-73	s IC NJM4556AM-A-TE2
IC80	8-759-242-64	s IC TC4W53F
IC81	8-759-100-96	s IC UPC4558G2
IC82	8-759-100-96	s IC UPC4558G2
IC83	8-759-100-96	s IC UPC4558G2
IC84	8-759-100-96	s IC UPC4558G2
IC85	8-759-100-96	s IC UPC4558G2
IC86	8-759-100-96	s IC UPC4558G2
IC87	8-759-009-07	s IC MC14053BF
IC88	8-759-009-07	s IC MC14053BF
IC89	8-759-009-07	s IC MC14053BF
IC90	8-759-009-07	s IC MC14053BF
IC91	8-759-278-58	s IC NJM4558V-TE2
IC92	8-759-278-58	s IC NJM4558V-TE2
IC93	8-759-231-30	s IC TC4S30F
IC94	8-759-100-96	s IC UPC4558G2
IC95	8-759-009-07	s IC MC14053BF
IC96	8-759-100-96	s IC UPC4558G2
IC97	8-759-009-07	s IC MC14053BF
IC98	8-759-242-64	s IC TC4W53F
IC99	8-759-100-96	s IC UPC4558G2

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Ref. No. or Q'ty	Part No.	SP Description
IC100	8-759-242-64	s IC TC4W53F
IC102	8-759-545-66	s IC NJM3414AM-TE2
IC103	8-759-100-96	s IC UPC4558G2
IC104	8-759-009-07	s IC MC14053BF
IC105	8-759-100-96	s IC UPC4558G2
IC106	8-759-009-07	s IC MC14053BF
IC107	8-759-100-96	s IC UPC4558G2
IC108	8-759-009-07	s IC MC14053BF
IC109	8-759-009-07	s IC MC14053BF
IC110	8-759-100-96	s IC UPC4558G2
IC111	8-759-100-96	s IC UPC4558G2
IC112	8-759-100-96	s IC UPC4558G2
IC113	8-759-100-96	s IC UPC4558G2
IC114	8-759-369-73	s IC NJM4556AM-A-TE2
IC115	8-759-369-73	s IC NJM4556AM-A-TE2
IC116	8-759-100-96	s IC UPC4558G2
IC117	8-759-100-96	s IC UPC4558G2
IC118	8-759-369-73	s IC NJM4556AM-A-TE2
IC119	8-759-369-73	s IC NJM4556AM-A-TE2
IC120	8-759-369-73	s IC NJM4556AM-A-TE2
IC121	8-759-369-73	s IC NJM4556AM-A-TE2
IC122	8-759-369-73	s IC NJM4556AM-A-TE2
IC123	8-759-970-59	s IC TLC272CPS
IC124	8-759-970-59	s IC TLC272CPS
IC125	8-759-369-73	s IC NJM4556AM-A-TE2
IC126	8-759-926-06	s IC SN74HC126ANS
IC127	8-759-386-26	s IC 74LCX574MTCX
IC128	8-759-271-86	s IC TC7SH04F (TE85R)
IC129	8-759-011-65	s IC MC74HC4053F
IC130	8-752-360-44	s IC CXK1203AR
IC131	8-759-386-26	s IC 74LCX574MTCX
IC132	8-759-186-45	s IC TC74VHC126F
IC133	8-759-472-65	s IC 74VHC574MTCX
IC134	8-759-926-06	s IC SN74HC126ANS
IC135	8-759-970-59	s IC TLC272CPS
IC136	8-759-387-93	s IC LF9502JC31
IC137	8-759-081-44	s IC TC74VHC04F
IC138	8-759-386-22	s IC 74LCX04SJX
IC139	8-759-561-02	o IC 7128-AT103A-SG-V2.00, EPLD
IC140	8-759-082-57	s IC TC7W04FU
IC142	8-759-037-79	s IC MC74HC163AF
IC143	8-759-186-39	s IC TC74VHC74F
IC144	8-759-925-76	s IC SN74HC08ANS
IC145	8-759-186-45	s IC TC74VHC126F
IC146	8-759-523-04	s IC TC74HC4538AFT (EL)
IC147	8-759-702-08	s IC NJM360M
IC148	8-759-523-04	s IC TC74HC4538AFT (EL)
IC149	8-759-523-04	s IC TC74HC4538AFT (EL)
IC150	8-759-925-74	s IC TC74HC04ANS
IC151	8-759-970-59	s IC TLC272CPS
IC152	8-759-980-44	s IC TL712CPS
IC153	8-759-523-02	s IC TC74HC4053AFT (EL)
IC154	8-759-970-59	s IC TLC272CPS
IC155	8-759-926-06	s IC SN74HC126ANS
IC156	8-759-523-02	s IC TC74HC4053AFT (EL)
IC157	8-759-069-36	s IC MC74HC4046AF
IC158	8-752-360-44	s IC CXK1203AR
IC159	8-759-472-65	s IC 74VHC574MTCX
IC160	8-759-054-61	s IC CLC505AJE

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Ref. No. or Q'ty	Part No.	SP Description
IC161	8-759-472-65	s IC 74VHC574MTCX
IC162	8-759-054-61	s IC CLC505AJE
IC163	8-759-239-58	s IC TC74HC221AF
IC164	8-759-239-58	s IC TC74HC221AF
IC165	8-759-242-64	s IC TC4W53F
IC166	8-759-242-64	s IC TC4W53F
IC167	8-759-970-59	s IC TLC272CPS
IC168	8-759-970-59	s IC TLC272CPS
IC169	8-759-902-88	s IC SN74LS123NS
IC170	8-759-902-88	s IC SN74LS123NS
IC171	8-759-906-53	s IC TL062CPS
IC172	8-759-906-53	s IC TL062CPS
IC173	8-759-906-53	s IC TL062CPS
IC174	8-759-927-46	s IC SN74HC00ANS
IC175	8-759-231-30	s IC TC4S30F
IC176	8-759-711-58	s IC NJM78L05UA
IC177	8-759-970-59	s IC TLC272CPS
IC178	8-759-101-12	s IC UPC311G2
IC179	8-759-054-61	s IC CLC505AJE
IC180	8-759-037-79	s IC MC74HC163AF
IC181	8-759-906-53	s IC TL062CPS
IC182	8-759-234-20	s IC TC7S08F
IC183	8-759-054-56	s IC SN75179BPS
IC184	8-759-186-38	s IC TC74VHC32F
IC185	8-759-186-38	s IC TC74VHC32F
IC186	8-759-186-47	s IC TC74VHC138F
IC187	8-759-031-84	s IC TC7S04F
IC188	8-752-344-45	s IC CXD2555Q
IC189	8-759-234-20	s IC TC7S08F
IC190	8-759-154-60	s IC UPD71055GB-10-3B4
IC191	8-759-154-60	s IC UPD71055GB-10-3B4
IC192	8-759-154-60	s IC UPD71055GB-10-3B4
IC193	8-759-154-60	s IC UPD71055GB-10-3B4
IC194	8-759-970-59	s IC TLC272CPS
IC195	8-759-970-59	s IC TLC272CPS
IC196	8-759-523-04	s IC TC74HC4538AFT(EL)
IC197	8-759-278-58	s IC NJM4558V-TE2
IC198	8-759-069-36	s IC MC74HC4046AF
IC199	8-752-360-44	s IC CXK1203AR
IC200	8-759-082-57	s IC TC7W04FU
IC201	8-759-082-57	s IC TC7W04FU
IC202	8-759-031-84	s IC TC7S04F
IC203	8-759-234-20	s IC TC7S08F
IC204	8-759-031-84	s IC TC7S04F
IC205	8-759-031-84	s IC TC7S04F
IC206	8-759-069-36	s IC MC74HC4046AF
IC207	8-759-186-45	s IC TC74VHC126F
IC208	8-759-186-39	s IC TC74VHC74F
IC209	8-752-360-44	s IC CXK1203AR
L1	1-410-988-11	s INDUCTOR CHIP 0.39uH
L2	1-410-988-11	s INDUCTOR CHIP 0.39uH
L3	1-412-032-11	s INDUCTOR CHIP 100uH
L4	1-410-988-11	s INDUCTOR CHIP 0.39uH
L5	1-410-988-11	s INDUCTOR CHIP 0.39uH
L6	1-410-988-11	s INDUCTOR CHIP 0.39uH
L7	1-410-988-11	s INDUCTOR CHIP 0.39uH
L8	1-410-988-11	s INDUCTOR CHIP 0.39uH
L9	1-410-988-11	s INDUCTOR CHIP 0.39uH
L10	1-410-988-11	s INDUCTOR CHIP 0.39uH

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Ref. No. or Q'ty	Part No.	SP Description
L11	1-410-988-11	s INDUCTOR CHIP 0.39uH
L12	1-410-988-11	s INDUCTOR CHIP 0.39uH
L13	1-410-988-11	s INDUCTOR CHIP 0.39uH
L14	1-410-988-11	s INDUCTOR CHIP 0.39uH
L15	1-410-988-11	s INDUCTOR CHIP 0.39uH
L16	1-410-988-11	s INDUCTOR CHIP 0.39uH
L17	1-410-988-11	s INDUCTOR CHIP 0.39uH
L18	1-410-988-11	s INDUCTOR CHIP 0.39uH
L19	1-412-030-11	s INDUCTOR CHIP 22uH
L20	1-410-988-11	s INDUCTOR CHIP 0.39uH
L21	1-412-029-11	s INDUCTOR CHIP 10uH
L22	1-412-029-11	s INDUCTOR CHIP 10uH
L23	1-412-029-11	s INDUCTOR CHIP 10uH
L24	1-410-988-11	s INDUCTOR CHIP 0.39uH
L25	1-412-029-11	s INDUCTOR CHIP 10uH
L26	1-412-029-11	s INDUCTOR CHIP 10uH
L27	1-412-031-11	s INDUCTOR CHIP 47uH
L28	1-412-029-11	s INDUCTOR CHIP 10uH
L29	1-410-988-11	s INDUCTOR CHIP 0.39uH
L30	1-412-029-11	s INDUCTOR CHIP 10uH
L31	1-412-029-11	s INDUCTOR CHIP 10uH
L32	1-412-030-11	s INDUCTOR CHIP 22uH
L33	1-412-030-11	s INDUCTOR CHIP 22uH
L34	1-412-028-11	s INDUCTOR CHIP 4.7uH
L36	1-412-030-11	s INDUCTOR CHIP 22uH
L37	1-412-030-11	s INDUCTOR CHIP 22uH
L38	1-412-030-11	s INDUCTOR CHIP 22uH
L39	1-412-030-11	s INDUCTOR CHIP 22uH
L40	1-412-030-11	s INDUCTOR CHIP 22uH
L41	1-412-030-11	s INDUCTOR CHIP 22uH
L42	1-412-030-11	s INDUCTOR CHIP 22uH
L43	1-412-030-11	s INDUCTOR CHIP 22uH
L44	1-412-030-11	s INDUCTOR CHIP 22uH
L45	1-412-030-11	s INDUCTOR CHIP 22uH
L46	1-412-030-11	s INDUCTOR CHIP 22uH
L47	1-412-030-11	s INDUCTOR CHIP 22uH
L48	1-412-030-11	s INDUCTOR CHIP 22uH
L49	1-412-030-11	s INDUCTOR CHIP 22uH
L50	1-412-030-11	s INDUCTOR CHIP 22uH
L51	1-412-030-11	s INDUCTOR CHIP 22uH
L52	1-412-027-11	s INDUCTOR CHIP 2.2uH
L53	1-412-029-11	s INDUCTOR CHIP 10uH
L54	1-412-030-11	s INDUCTOR CHIP 22uH
L55	1-412-030-11	s INDUCTOR CHIP 22uH
L56	1-412-029-11	s INDUCTOR CHIP 10uH
L57	1-412-029-11	s INDUCTOR CHIP 10uH
L58	1-412-028-11	s INDUCTOR CHIP 4.7uH
L59	1-412-030-11	s INDUCTOR CHIP 22uH
L60	1-412-026-11	s INDUCTOR CHIP 1uH
L61	1-412-029-11	s INDUCTOR CHIP 10uH
L62	1-412-030-11	s INDUCTOR CHIP 22uH
L63	1-412-028-11	s INDUCTOR CHIP 4.7uH
L64	1-412-030-11	s INDUCTOR CHIP 22uH
L65	1-412-030-11	s INDUCTOR CHIP 22uH
L66	1-412-030-11	s INDUCTOR CHIP 22uH
L67	1-412-028-11	s INDUCTOR CHIP 4.7uH
L68	1-412-030-11	s INDUCTOR CHIP 22uH
L69	1-412-029-11	s INDUCTOR CHIP 10uH
L70	1-412-030-11	s INDUCTOR CHIP 22uH

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Ref. No. or Q'ty	Part No.	SP	Description
L71	1-412-030-11	s	INDUCTOR CHIP 22uH
L72	1-412-030-11	s	INDUCTOR CHIP 22uH
L73	1-412-030-11	s	INDUCTOR CHIP 22uH
L74	1-412-030-11	s	INDUCTOR CHIP 22uH
L75	1-412-030-11	s	INDUCTOR CHIP 22uH
L76	1-412-030-11	s	INDUCTOR CHIP 22uH
L77	1-412-030-11	s	INDUCTOR CHIP 22uH
L78	1-412-030-11	s	INDUCTOR CHIP 22uH
L79	1-412-030-11	s	INDUCTOR CHIP 22uH
L80	1-412-030-11	s	INDUCTOR CHIP 22uH
L81	1-412-029-11	s	INDUCTOR CHIP 10uH
L82	1-412-030-11	s	INDUCTOR CHIP 22uH
L83	1-412-030-11	s	INDUCTOR CHIP 22uH
L84	1-412-030-11	s	INDUCTOR CHIP 22uH
L85	1-412-030-11	s	INDUCTOR CHIP 22uH
L86	1-412-030-11	s	INDUCTOR CHIP 22uH
L87	1-412-030-11	s	INDUCTOR CHIP 22uH
L88	1-412-027-11	s	INDUCTOR CHIP 2.2uH
L89	1-412-027-11	s	INDUCTOR CHIP 2.2uH
L90	1-414-529-21	s	INDUCTOR CHIP 100uH
L91	1-414-529-21	s	INDUCTOR CHIP 100uH
L92	1-414-529-21	s	INDUCTOR CHIP 100uH
L93	1-414-529-21	s	INDUCTOR CHIP 100uH
L94	1-412-030-11	s	INDUCTOR CHIP 22uH
L95	1-412-030-11	s	INDUCTOR CHIP 22uH
L96	1-412-030-11	s	INDUCTOR CHIP 22uH
L97	1-412-549-11	s	INDUCTOR 1mH
L98	1-412-549-11	s	INDUCTOR 1mH
L99	1-412-030-11	s	INDUCTOR CHIP 22uH
L100	1-410-993-11	s	INDUCTOR CHIP 1uH
L101	1-410-993-11	s	INDUCTOR CHIP 1uH
L102	1-412-027-11	s	INDUCTOR CHIP 2.2uH
L103	1-412-030-11	s	INDUCTOR CHIP 22uH
L104	1-412-030-11	s	INDUCTOR CHIP 22uH
L105	1-412-028-11	s	INDUCTOR CHIP 4.7uH
L106	1-410-988-11	s	INDUCTOR CHIP 0.39uH
L107	1-410-988-11	s	INDUCTOR CHIP 0.39uH
PH1	8-749-924-62	s	PHOTOCOUPLER PC410
PH2	8-749-924-62	s	PHOTOCOUPLER PC410
PH3	8-749-010-24	s	PHOTOCOUPLER PS2604L
PH4	8-749-010-24	s	PHOTOCOUPLER PS2604L
PH5	8-749-924-62	s	PHOTOCOUPLER PC410
PH6	8-749-924-62	s	PHOTOCOUPLER PC410
Q1	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q2	8-729-101-07	s	TRANSISTOR 2SB798
Q3	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q4	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q5	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q6	8-729-216-22	s	TRANSISTOR 2SA1162
Q7	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q8	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q9	8-729-216-22	s	TRANSISTOR 2SA1162
Q10	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q11	8-729-216-22	s	TRANSISTOR 2SA1162
Q12	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q13	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q14	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q15	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6

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Ref. No. or Q'ty	Part No.	SP	Description
Q16	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q17	8-729-216-22	s	TRANSISTOR 2SA1162
Q18	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q19	8-729-216-22	s	TRANSISTOR 2SA1162
Q20	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q21	8-729-216-22	s	TRANSISTOR 2SA1162
Q22	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q23	8-729-216-22	s	TRANSISTOR 2SA1162
Q24	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q25	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q26	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q27	8-729-216-22	s	TRANSISTOR 2SA1162
Q28	8-729-216-22	s	TRANSISTOR 2SA1162
Q29	8-729-216-22	s	TRANSISTOR 2SA1162
Q30	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q31	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q32	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q33	8-729-122-63	s	TRANSISTOR 2SA1226
Q34	8-729-122-63	s	TRANSISTOR 2SA1226
Q35	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q36	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q37	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q38	8-729-143-13	s	TRANSISTOR 2SC4176-B34
Q39	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q40	8-729-143-13	s	TRANSISTOR 2SC4176-B34
Q41	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q42	8-729-143-13	s	TRANSISTOR 2SC4176-B34
Q43	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q44	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q45	8-729-143-13	s	TRANSISTOR 2SC4176-B34
Q46	8-729-122-63	s	TRANSISTOR 2SA1226
Q47	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q48	8-729-122-63	s	TRANSISTOR 2SA1226
Q49	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q50	8-729-122-63	s	TRANSISTOR 2SA1226
Q51	8-729-122-63	s	TRANSISTOR 2SA1226
Q52	8-729-113-13	s	TRANSISTOR FA1A4M-L33
Q53	8-729-105-19	s	TRANSISTOR 2SC3518-L
Q54	8-729-113-13	s	TRANSISTOR FA1A4M-L33
Q55	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q56	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q57	8-729-101-07	s	TRANSISTOR 2SB798
Q58	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q59	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q60	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q61	8-729-216-22	s	TRANSISTOR 2SA1162
Q62	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q63	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q64	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q65	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q66	8-729-101-07	s	TRANSISTOR 2SB798
Q67	8-729-101-07	s	TRANSISTOR 2SB798
Q68	8-729-216-22	s	TRANSISTOR 2SA1162
Q69	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q70	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q71	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q72	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q73	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q74	8-729-216-22	s	TRANSISTOR 2SA1162

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Ref. No. or Q'ty	Part No.	SP Description
Q75	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q76	8-729-216-22	s TRANSISTOR 2SA1162
Q77	8-729-216-22	s TRANSISTOR 2SA1162
R1	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R2	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R3	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R4	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R5	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R6	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R7	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R8	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R9	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R10	1-216-295-91	s RES, CHIP 0
R11	1-216-295-91	s RES, CHIP 0
R12	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R13	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R14	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R15	1-218-776-11	s METAL 1M 0.5% 1/10W
R16	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R17	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R18	1-218-776-11	s METAL 1M 0.5% 1/10W
R19	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R20	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R21	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R22	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R23	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R24	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R25	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R26	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R27	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R28	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R29	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R30	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R31	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R32	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R33	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R34	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R35	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R36	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R37	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R38	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R39	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R40	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R41	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R42	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R43	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R44	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R45	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R46	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R47	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R48	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R49	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R50	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R51	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R52	1-218-756-11	s METAL 150K 0.5% 1/10W
R53	1-216-295-91	s RES, CHIP 0
R54	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R55	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R56	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R57	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R59	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R60	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R61	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R62	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R63	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R64	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R65	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R66	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R67	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R68	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R69	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R70	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R71	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R72	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R73	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R74	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R75	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R76	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R77	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R78	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R79	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R80	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R81	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R82	1-218-753-11	s METAL 110K 0.5% 1/10W
R83	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R84	1-218-755-11	s METAL 130K 0.5% 1/10W
R85	1-218-755-11	s METAL 130K 0.5% 1/10W
R86	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R87	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R88	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R89	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R90	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R91	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R92	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R93	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R94	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R95	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R96	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R97	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R98	1-218-755-11	s METAL 130K 0.5% 1/10W
R99	1-218-755-11	s METAL 130K 0.5% 1/10W
R100	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R101	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R102	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R103	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R104	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R105	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R107	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R108	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R110	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R111	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R112	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R113	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R114	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R115	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R116	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R117	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R241	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R242	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R243	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R244	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R245	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R246	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R247	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R248	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R249	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R250	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R251	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R252	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R253	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R254	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R255	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R256	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R257	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R258	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R259	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R260	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R261	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R262	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R263	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R264	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R265	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R266	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R267	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R268	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R269	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R271	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R272	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R273	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R274	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R276	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R277	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R278	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R279	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R280	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R281	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R282	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R283	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R284	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R285	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R286	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R287	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R288	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R289	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R290	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R291	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R292	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R293	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R294	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R295	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R296	1-218-760-11	s METAL, CHIP 220K 0.5% 1/10W
R297	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R298	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R299	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R300	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R301	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R302	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R303	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R304	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R305	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R306	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R307	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R308	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R309	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R310	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R311	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R312	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R313	1-218-770-11	s METAL, CHIP 560K 0.5% 1/10W
R314	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R315	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R316	1-218-760-11	s METAL, CHIP 220K 0.5% 1/10W
R317	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R318	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R319	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R320	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R321	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R322	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R323	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R324	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R325	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R326	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R327	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R328	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R329	1-216-682-11	s METAL, CHIP 20K 0.5% 1/10W
R330	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R331	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R332	1-216-682-11	s METAL, CHIP 20K 0.5% 1/10W
R333	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R334	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R335	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R336	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R337	1-216-682-11	s METAL, CHIP 20K 0.5% 1/10W
R338	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R339	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R340	1-216-682-11	s METAL, CHIP 20K 0.5% 1/10W
R341	1-216-693-11	s METAL, CHIP 56K 0.5% 1/10W
R342	1-216-693-11	s METAL, CHIP 56K 0.5% 1/10W
R343	1-216-693-11	s METAL, CHIP 56K 0.5% 1/10W
R344	1-216-693-11	s METAL, CHIP 56K 0.5% 1/10W
R345	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R346	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R347	1-216-295-91	s RES, CHIP 0
R348	1-216-295-91	s RES, CHIP 0
R349	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R350	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R351	1-216-697-91	s METAL 82K 0.5% 1/10W
R352	1-216-697-91	s METAL 82K 0.5% 1/10W
R353	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R354	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R355	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R356	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R357	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R358	1-216-670-11	s METAL, CHIP 6.2K 0.5% 1/10W
R359	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R360	1-216-670-11	s METAL, CHIP 6.2K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R361	1-216-692-11	s METAL, CHIP 51K 0.5% 1/10W
R362	1-216-670-11	s METAL, CHIP 6.2K 0.5% 1/10W
R363	1-216-692-11	s METAL, CHIP 51K 0.5% 1/10W
R364	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R365	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R366	1-216-692-11	s METAL, CHIP 51K 0.5% 1/10W
R367	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R368	1-216-692-11	s METAL, CHIP 51K 0.5% 1/10W
R369	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R370	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R371	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R372	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R373	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R374	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R375	1-216-684-91	s METAL, CHIP 24K 0.5% 1/10W
R376	1-216-684-91	s METAL, CHIP 24K 0.5% 1/10W
R377	1-216-684-91	s METAL, CHIP 24K 0.5% 1/10W
R378	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R379	1-216-684-91	s METAL, CHIP 24K 0.5% 1/10W
R380	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R381	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R382	1-218-753-11	s METAL, CHIP 110K 0.5% 1/10W
R383	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R384	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R385	1-218-753-11	s METAL, CHIP 110K 0.5% 1/10W
R386	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R387	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R388	1-218-753-11	s METAL, CHIP 110K 0.5% 1/10W
R389	1-218-753-11	s METAL, CHIP 110K 0.5% 1/10W
R390	1-216-295-91	s RES, CHIP 0
R391	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R392	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R393	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R394	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R395	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R396	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R397	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R398	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R399	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R400	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R401	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R402	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R403	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R404	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R405	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R406	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R407	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R408	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R409	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R410	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R411	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R412	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R413	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R414	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R415	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R416	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R417	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R418	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R419	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R420	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R421	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R422	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R423	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R424	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R425	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R426	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R427	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R428	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R429	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R430	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R431	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R432	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R433	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R434	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R436	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R438	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R439	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R440	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R441	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R442	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R443	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R444	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R445	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R446	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R447	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R448	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R449	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R450	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R451	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R452	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R453	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R454	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R455	1-216-613-11	s METAL, CHIP 27 0.5% 1/10W
R456	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R457	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R458	1-216-613-11	s METAL, CHIP 27 0.5% 1/10W
R459	1-216-610-11	s METAL, CHIP 20 0.50% 1/10W
R460	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R461	1-216-610-11	s METAL, CHIP 20 0.50% 1/10W
R462	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R463	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R464	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R465	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R466	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R468	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R469	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R470	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R471	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R472	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R473	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R474	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R475	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R476	1-218-776-11	s METAL 1M 0.5% 1/10W
R477	1-218-776-11	s METAL 1M 0.5% 1/10W
R480	1-218-776-11	s METAL 1M 0.5% 1/10W
R481	1-218-776-11	s METAL 1M 0.5% 1/10W
R482	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R483	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R484	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R485	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R486	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R487	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R488	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R489	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R490	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R491	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R492	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R493	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R494	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R495	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R496	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R497	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R498	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R501	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R506	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R509	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R510	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R513	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R514	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R517	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R518	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R519	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R521	1-216-295-91	s RES, CHIP 0
R522	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R523	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R524	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R525	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R526	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R527	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R528	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R529	1-216-298-00	s METAL 2.2 5% 1/10W
R530	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R531	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R532	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R533	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R534	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R535	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R536	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R537	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R538	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R539	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R540	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R541	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R542	1-216-298-00	s METAL 2.2 5% 1/10W
R543	1-216-298-00	s METAL 2.2 5% 1/10W
R544	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R545	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R546	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R547	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R548	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R549	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R550	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R551	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R552	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R553	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R554	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R555	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R556	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R557	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R558	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R559	1-216-308-00	s METAL, CHIP 4.7 5% 1/10W
R560	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R561	1-218-756-11	s METAL 150K 0.5% 1/10W
R562	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R563	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R564	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R565	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R566	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R567	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R568	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R569	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R570	1-216-308-00	s METAL, CHIP 4.7 5% 1/10W
R571	1-218-756-11	s METAL 150K 0.5% 1/10W
R572	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R573	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R574	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R575	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R576	1-218-756-11	s METAL 150K 0.5% 1/10W
R577	1-218-776-11	s METAL 1M 0.5% 1/10W
R578	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R579	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R580	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R581	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R582	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R583	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R584	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R585	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R586	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R587	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R588	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R589	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R590	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R591	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R592	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R593	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R594	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R595	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R596	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R597	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R598	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R599	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R600	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R601	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R602	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R603	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R604	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R605	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R606	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R607	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R608	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R609	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R610	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R611	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R612	1-218-764-11	s METAL, CHIP 330K 0.5% 1/10W
R613	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R614	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R615	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R616	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R617	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R618	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R619	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R620	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R621	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R622	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R623	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R624	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R625	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R626	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R627	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R628	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R629	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R630	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R631	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R632	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R633	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R634	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R635	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R636	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R637	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R638	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R639	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R640	1-218-756-11	s METAL 150K 0.5% 1/10W
R641	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R642	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R645	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R646	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R648	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R649	1-218-756-11	s METAL 150K 0.5% 1/10W
R650	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R651	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R652	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R653	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R654	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R655	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R656	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R657	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R658	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R659	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R660	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R661	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R662	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R663	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R664	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R665	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R666	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R667	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R668	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R669	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R670	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R671	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R672	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R673	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R674	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R675	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R676	1-218-764-11	s METAL, CHIP 330K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R677	1-218-764-11	s METAL, CHIP 330K 0.5% 1/10W
R678	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R679	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R680	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R681	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R682	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R683	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R684	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R685	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R686	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R687	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R688	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R689	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R690	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R691	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R692	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R693	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R694	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R695	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R696	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R697	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R698	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R699	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R700	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R701	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R702	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R703	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R704	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R705	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R706	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R707	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R708	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R709	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R710	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R711	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R712	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R713	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R714	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R715	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R716	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R717	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R718	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R719	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R720	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R721	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R722	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R723	1-216-684-91	s METAL 24K 0.5% 1/10W
R724	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R725	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R726	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R727	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R728	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R731	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R734	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R737	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R738	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R739	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R741	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R742	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R743	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R744	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R745	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R746	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R747	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R748	1-216-295-91	s RES, CHIP 0
R749	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R750	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R751	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R752	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R753	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R754	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R755	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R756	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R757	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R758	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R759	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R760	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R761	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R762	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R763	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R764	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R765	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R766	1-218-764-11	s METAL, CHIP 330K 0.5% 1/10W
R767	1-214-792-00	s METAL 1 1% 1/2W
R769	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R770	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R771	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R772	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R773	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R774	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R775	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R776	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R777	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R778	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R779	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R780	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R781	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R782	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R783	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R784	1-218-754-11	s METAL, CHIP 120K 0.50% 1/10W
R785	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R786	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R787	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R788	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R789	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R795	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R796	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R797	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R798	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R799	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R800	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R801	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R802	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R803	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R805	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R806	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R807	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R808	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R809	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R810	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R811	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R813	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R814	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R815	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R816	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R817	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R818	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R819	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R820	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R821	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R822	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R823	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R824	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R825	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R826	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R828	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R829	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R830	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R831	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R832	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R833	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R834	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R835	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R836	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R837	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R838	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R839	1-216-693-11	s METAL, CHIP 56K 0.5% 1/10W
R840	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R841	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R842	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R843	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R844	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R845	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R846	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R847	1-216-295-91	s RES, CHIP 0
R848	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R849	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R850	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R851	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R852	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R853	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R854	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R855	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R856	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R857	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R858	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R859	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R860	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R861	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R862	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R863	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R864	1-216-693-11	s METAL, CHIP 56K 0.5% 1/10W
R865	1-216-693-11	s METAL, CHIP 56K 0.5% 1/10W
R866	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R867	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R868	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R869	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R870	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R871	1-216-298-00	s METAL 2.2 5% 1/10W
R872	1-216-298-00	s METAL 2.2 5% 1/10W
R873	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R874	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
RB1	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB2	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB3	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB4	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB5	1-236-907-11	s RES, NETWORK CHIP 100KX4
RB6	1-239-389-11	s RES, NETWORK CHIP 47KX4
RB7	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB8	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB9	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB10	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB11	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB12	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB13	1-239-309-11	s RESISTOR BLOCK, CHIP 100Kx8
RB14	1-239-309-11	s RESISTOR BLOCK, CHIP 100Kx8
RB15	1-236-907-11	s RES, NETWORK CHIP 100KX4
RB16	1-239-389-11	s RES, NETWORK CHIP 47KX4
RB17	1-239-310-11	s RES, ARRAY CHIP 220K
RB18	1-239-389-11	s RES, NETWORK CHIP 47KX4
RB19	1-236-907-11	s RES, NETWORK CHIP 100KX4
RB20	1-239-310-11	s RES, ARRAY CHIP 220K
RB21	1-239-436-11	s RES, NETWORK CHIP 33KX4
RB22	1-239-436-11	s RES, NETWORK CHIP 33KX4
RB23	1-239-389-11	s RES, NETWORK CHIP 47KX4
RB24	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB25	1-239-309-11	s RESISTOR BLOCK, CHIP 100Kx8
RB26	1-239-416-11	s RES, NETWORK CHIP 220X4
RB27	1-239-416-11	s RES, NETWORK CHIP 220X4
RB28	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB29	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB30	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB31	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB32	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB33	1-239-389-11	s RES, NETWORK CHIP 47KX4
RB34	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB35	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB36	1-239-412-11	s RES, NETWORK CHIP 100X4
RB37	1-239-412-11	s RES, NETWORK CHIP 100X4
RB38	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB39	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB40	1-239-412-11	s RES, NETWORK CHIP 100X4
RB41	1-239-412-11	s RES, NETWORK CHIP 100X4
RB42	1-239-412-11	s RES, NETWORK CHIP 100X4
RB43	1-239-412-11	s RES, NETWORK CHIP 100X4
RB44	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB45	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB46	1-239-310-11	s RES, ARRAY CHIP 220K
RB47	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB48	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB49	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB50	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB51	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB52	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB53	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB54	1-239-621-11	s RES, NETWORK CHIP 22X4

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Ref. No. or Q'ty	Part No.	SP Description
RB55	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB56	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB57	1-236-904-11	s RES, NETWORK CHIP 1KX4
RB58	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB59	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB60	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB61	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB62	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB63	1-239-308-11	s RESISTOR BLOCK, CHIP 47Kx8
RB64	1-236-907-11	s RES, NETWORK CHIP 100KX4
RB65	1-236-907-11	s RES, NETWORK CHIP 100KX4
RB66	1-239-409-11	s RES, NETWORK CHIP 47X4
RB67	1-236-907-11	s RES, NETWORK CHIP 100KX4
RB68	1-236-904-11	s RES, NETWORK CHIP 1KX4
RS1	1-216-295-91	s RES, CHIP 0
RS3	1-216-295-91	s RES, CHIP 0
RS4	1-216-295-91	s RES, CHIP 0
RS5	1-216-295-91	s RES, CHIP 0
RS7	1-216-295-91	s RES, CHIP 0
RS8	1-216-295-91	s RES, CHIP 0
RS9	1-216-295-91	s RES, CHIP 0
RS11	1-216-295-91	s RES, CHIP 0
RS12	1-216-295-91	s RES, CHIP 0
RS13	1-216-295-91	s RES, CHIP 0
RS15	1-216-295-91	s RES, CHIP 0
RS17	1-216-295-91	s RES, CHIP 0
RS19	1-216-295-91	s RES, CHIP 0
RS21	1-216-295-91	s RES, CHIP 0
RS22	1-216-295-91	s RES, CHIP 0
RS23	1-216-295-91	s RES, CHIP 0
RS26	1-216-295-91	s RES, CHIP 0
RS29	1-216-295-91	s RES, CHIP 0
RS30	1-216-295-91	s RES, CHIP 0
RS31	1-216-295-91	s RES, CHIP 0
RS37	1-216-295-91	s RES, CHIP 0
RS40	1-216-295-91	s RES, CHIP 0
RS41	1-216-295-91	s RES, CHIP 0
RV1	1-237-037-11	s RES, ADJ METAL 20K
RV2	1-237-037-11	s RES, ADJ METAL 20K
RV3	1-228-474-00	s RES, ADJ METAL 10K
RV4	1-228-474-00	s RES, ADJ METAL 10K
RV5	1-237-036-11	s RES, ADJ METAL 10K
RV6	1-237-038-11	s RES, ADJ METAL 50K
RV7	1-237-038-11	s RES, ADJ METAL 50K
RV8	1-237-036-11	s RES, ADJ METAL 10K
RV9	1-237-036-11	s RES, ADJ METAL 10K
RV10	1-228-474-00	s RES, ADJ METAL 10K
RV11	1-228-474-00	s RES, ADJ METAL 10K
RV12	1-228-475-00	s RES, ADJ METAL 20K
RV13	1-237-040-11	s RES, ADJ METAL 200K
RV14	1-237-040-11	s RES, ADJ METAL 200K
RV15	1-237-035-11	s RES, ADJ METAL 5K
RV16	1-237-036-11	s RES, ADJ METAL 10K
RV17	1-228-474-00	s RES, ADJ METAL 10K
RV18	1-228-474-00	s RES, ADJ METAL 10K
RV19	1-237-032-11	s RES, ADJ METAL 500
RV20	1-237-032-11	s RES, ADJ METAL 500
RV21	1-237-039-11	s RES, ADJ METAL 100K

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Ref. No. or Q'ty	Part No.	SP Description
S1	1-692-271-31	s SWITCH, SLIDE
S2	1-692-271-31	s SWITCH, SLIDE
S3	1-570-711-11	s SWITCH, SLIDE
S4	1-570-711-11	s SWITCH, SLIDE
S5	1-572-658-21	s SWITCH, ROTARY
S6	1-572-658-21	s SWITCH, ROTARY
S7	1-692-271-31	s SWITCH, SLIDE
S8	1-762-117-11	s SWITCH, ROTARY
S9	1-762-117-11	s SWITCH, ROTARY
S10	1-692-271-31	s SWITCH, SLIDE
S11	1-692-271-31	s SWITCH, SLIDE
S12	1-572-658-21	s SWITCH, ROTARY
S13	1-572-658-21	s SWITCH, ROTARY
S14	1-572-005-11	s SWITCH, PUSH
S15	1-762-118-21	s SWITCH, TOGGLE
S16	1-570-711-11	s SWITCH, SLIDE
S17	1-570-711-11	s SWITCH, SLIDE
S18	1-570-711-11	s SWITCH, SLIDE
S19	1-570-711-11	s SWITCH, SLIDE
S20	1-570-711-11	s SWITCH, SLIDE
S21	1-762-118-21	s SWITCH, TOGGLE
S22	1-570-711-11	s SWITCH, SLIDE
S23	1-570-711-11	s SWITCH, SLIDE
S24	1-570-832-11	s SWITCH, SLIDE
S25	1-570-832-11	s SWITCH, SLIDE
S27	1-572-658-21	s SWITCH, ROTARY
S28	1-572-658-21	s SWITCH, ROTARY
S29	1-572-658-21	s SWITCH, ROTARY
S30	1-570-711-11	s SWITCH, SLIDE
S31	1-692-530-11	s SWITCH, TOGGLE
S32	1-570-711-11	s SWITCH, SLIDE
S33	1-570-711-11	s SWITCH, SLIDE
S34	1-570-711-11	s SWITCH, SLIDE
S35	1-570-711-11	s SWITCH, SLIDE
S36	1-570-711-11	s SWITCH, SLIDE
S37	1-570-711-11	s SWITCH, SLIDE
S38	1-570-711-11	s SWITCH, SLIDE
S40	1-572-972-21	s SWITCH, CHIP
S41	1-572-972-21	s SWITCH, CHIP
T1	1-426-994-11	s TRANSFORMER, DC-DC CONVERTER
X1	1-579-539-11	s CRYSTAL 4.9152MHz
X2	1-760-435-11	s CRYSTAL 18.0MHz
X3	1-767-512-11	s OSCILLATOR, CRYSTAL
X4	1-767-328-11	s VCO, CRYSTAL 74.250000MHz
X5	1-767-329-11	s VCO, CRYSTAL 74.175824MHz

CN-1364 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-660-070-12	o PRINTED CIRCUIT BOARD, CN-1364
CN1	1-506-487-11	o CONNECTOR 8P, MALE
CN2	1-766-696-11	o CONNECTOR, 8P, FEMALE
FL1	1-239-896-12	s FILTER, EMI (SMD)
FL2	1-239-896-12	s FILTER, EMI (SMD)
FL3	1-239-896-12	s FILTER, EMI (SMD)
FL4	1-239-896-12	s FILTER, EMI (SMD)

DIF-40 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8273-353-A	o MOUNTED CIRCUIT BOARD, DIF-40
3pcs	1-563-859-11	s PLUG, SHORTING
1pc	3-602-563-02	o BNC PANEL (DIF)
3pcs	7-682-903-01	s SCREW +PWH 3X5
1pc	3-605-669-02	o SPRING, SHIELD
6pcs	7-682-546-04	s SCREW +B 3X5
C1	1-163-038-91	s CERAMIC 0.1uF 25V
C2	1-163-038-91	s CERAMIC 0.1uF 25V
C3	1-104-851-11	s TANTALUM 10uF 20% 10V
C4	1-163-038-91	s CERAMIC 0.1uF 25V
C5	1-163-038-91	s CERAMIC 0.1uF 25V
C6	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C7	1-163-038-91	s CERAMIC 0.1uF 25V
C8	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C9	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C10	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C11	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C12	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C13	1-135-180-21	s TANTALUM, CHIP 33uF 10% 10V
C14	1-135-180-21	s TANTALUM, CHIP 33uF 10% 10V
C15	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C16	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C17	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C18	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C19	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C20	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C21	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C22	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C23	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C24	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C25	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C26	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C27	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C28	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C29	1-104-851-11	s TANTALUM 10uF 20% 10V
C30	1-104-851-11	s TANTALUM 10uF 20% 10V
C31	1-163-038-91	s CERAMIC 0.1uF 25V
C32	1-163-038-91	s CERAMIC 0.1uF 25V
C33	1-163-038-91	s CERAMIC 0.1uF 25V
C34	1-163-038-91	s CERAMIC 0.1uF 25V
C35	1-104-851-11	s TANTALUM 10uF 20% 10V
C36	1-104-851-11	s TANTALUM 10uF 20% 10V
C37	1-163-038-91	s CERAMIC 0.1uF 25V
C38	1-163-038-91	s CERAMIC 0.1uF 25V
C39	1-163-038-91	s CERAMIC 0.1uF 25V
C40	1-163-038-91	s CERAMIC 0.1uF 25V
C41	1-163-038-91	s CERAMIC 0.1uF 25V
C42	1-163-038-91	s CERAMIC 0.1uF 25V
C43	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C44	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C45	1-104-851-11	s TANTALUM 10uF 20% 10V
C46	1-104-851-11	s TANTALUM 10uF 20% 10V
C47	1-163-038-91	s CERAMIC 0.1uF 25V
C48	1-163-038-91	s CERAMIC 0.1uF 25V
C49	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C50	1-104-760-11	s CERAMIC 0.047uF 10% 50V
C51	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C52	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C53	1-163-038-91	s CERAMIC 0.1uF 25V
C54	1-104-760-11	s CERAMIC 0.047uF 10% 50V
C55	1-163-038-91	s CERAMIC 0.1uF 25V
C56	1-104-851-11	s TANTALUM 10uF 20% 10V
C57	1-163-038-91	s CERAMIC 0.1uF 25V
C58	1-104-851-11	s TANTALUM 10uF 20% 10V
C59	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C60	1-135-125-21	s TANTALUM, CHIP 33uF 20% 10V
C61	1-104-851-11	s TANTALUM 10uF 20% 10V
C62	1-135-125-21	s TANTALUM, CHIP 33uF 20% 10V
C63	1-163-038-91	s CERAMIC 0.1uF 25V
C64	1-104-851-11	s TANTALUM 10uF 20% 10V
C65	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C66	1-104-851-11	s TANTALUM 10uF 20% 10V
C67	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C68	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C69	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C70	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C71	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C72	1-104-851-11	s TANTALUM 10uF 20% 10V
C73	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C74	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C75	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C76	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C77	1-104-851-11	s TANTALUM 10uF 20% 10V
C78	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C79	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C80	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C81	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C82	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C83	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C84	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C85	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C86	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C87	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C88	1-163-038-91	s CERAMIC 0.1uF 25V
C89	1-163-038-91	s CERAMIC 0.1uF 25V
C90	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C91	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C92	1-104-851-11	s TANTALUM 10uF 20% 10V
C93	1-104-851-11	s TANTALUM 10uF 20% 10V
C94	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C95	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C96	1-163-038-91	s CERAMIC 0.1uF 25V
C97	1-163-038-91	s CERAMIC 0.1uF 25V
C98	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C99	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C100	1-163-038-91	s CERAMIC 0.1uF 25V
C101	1-104-851-11	s TANTALUM 10uF 20% 10V
C102	1-104-851-11	s TANTALUM 10uF 20% 10V
C103	1-104-851-11	s TANTALUM 10uF 20% 10V
C104	1-104-851-11	s TANTALUM 10uF 20% 10V
C105	1-163-220-11	s CERAMIC, CHIP 3PF 50V
C106	1-163-038-91	s CERAMIC 0.1uF 25V
C107	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C108	1-163-038-91	s CERAMIC 0.1uF 25V
C109	1-135-161-21	s TANTALUM, CHIP 22uF 10% 10V
C110	1-135-161-21	s TANTALUM, CHIP 22uF 10% 10V
C111	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C112	1-163-038-91	s CERAMIC 0.1uF 25V
C113	1-163-259-91	s CERAMIC 220PF 5% 50V
C114	1-163-038-91	s CERAMIC 0.1uF 25V
C115	1-163-038-91	s CERAMIC 0.1uF 25V
C116	1-163-038-91	s CERAMIC 0.1uF 25V
C117	1-163-038-91	s CERAMIC 0.1uF 25V
C118	1-163-038-91	s CERAMIC 0.1uF 25V
C119	1-163-038-91	s CERAMIC 0.1uF 25V
C120	1-104-851-11	s TANTALUM 10uF 20% 10V
C121	1-104-851-11	s TANTALUM 10uF 20% 10V
C122	1-104-851-11	s TANTALUM 10uF 20% 10V
C123	1-104-851-11	s TANTALUM 10uF 20% 10V
C124	1-104-851-11	s TANTALUM 10uF 20% 10V
C125	1-104-851-11	s TANTALUM 10uF 20% 10V
C126	1-163-038-91	s CERAMIC 0.1uF 25V
C127	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C128	1-163-038-91	s CERAMIC 0.1uF 25V
C129	1-163-038-91	s CERAMIC 0.1uF 25V
C130	1-163-038-91	s CERAMIC 0.1uF 25V
C131	1-163-085-00	s CERAMIC, CHIP 2PF 50V
C132	1-163-038-91	s CERAMIC 0.1uF 25V
C133	1-163-038-91	s CERAMIC 0.1uF 25V
C134	1-104-852-11	s TANTALUM 22uF 20% 10V
C135	1-163-038-91	s CERAMIC 0.1uF 25V
C136	1-163-038-91	s CERAMIC 0.1uF 25V
C137	1-163-038-91	s CERAMIC 0.1uF 25V
C138	1-163-038-91	s CERAMIC 0.1uF 25V
C139	1-104-852-11	s TANTALUM 22uF 20% 10V
C140	1-163-038-91	s CERAMIC 0.1uF 25V
C141	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C142	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C143	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C144	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C145	1-104-852-11	s TANTALUM 22uF 20% 10V
C146	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C147	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C148	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C149	1-104-851-11	s TANTALUM 10uF 20% 10V
C150	1-163-038-91	s CERAMIC 0.1uF 25V
C151	1-104-851-11	s TANTALUM 10uF 20% 10V
C152	1-163-038-91	s CERAMIC 0.1uF 25V
C153	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C154	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C155	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C156	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C157	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C160	1-135-161-21	s TANTALUM, CHIP 22uF 10% 10V
C161	1-135-161-21	s TANTALUM, CHIP 22uF 10% 10V
C162	1-135-161-21	s TANTALUM, CHIP 22uF 10% 10V
C201	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C202	1-104-851-11	s TANTALUM 10uF 20% 10V
C203	1-104-851-11	s TANTALUM 10uF 20% 10V
C204	1-163-038-91	s CERAMIC 0.1uF 25V
C205	1-163-038-91	s CERAMIC 0.1uF 25V
C206	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C207	1-104-851-11	s TANTALUM 10uF 20% 10V
C208	1-104-851-11	s TANTALUM 10uF 20% 10V
C209	1-163-038-91	s CERAMIC 0.1uF 25V
C210	1-163-038-91	s CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C301	1-163-038-91	s CERAMIC 0.1uF 25V
C302	1-163-038-91	s CERAMIC 0.1uF 25V
C303	1-163-038-91	s CERAMIC 0.1uF 25V
C304	1-163-038-91	s CERAMIC 0.1uF 25V
C305	1-163-038-91	s CERAMIC 0.1uF 25V
C306	1-163-038-91	s CERAMIC 0.1uF 25V
C307	1-163-038-91	s CERAMIC 0.1uF 25V
C308	1-163-038-91	s CERAMIC 0.1uF 25V
C309	1-163-038-91	s CERAMIC 0.1uF 25V
C310	1-163-038-91	s CERAMIC 0.1uF 25V
C311	1-163-038-91	s CERAMIC 0.1uF 25V
C312	1-163-038-91	s CERAMIC 0.1uF 25V
C313	1-163-038-91	s CERAMIC 0.1uF 25V
C314	1-163-038-91	s CERAMIC 0.1uF 25V
C315	1-163-038-91	s CERAMIC 0.1uF 25V
CN1	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN2	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN3	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN4	1-774-840-11	o CONNECTOR, BOARD TO BOARD 24P
CN101	1-764-273-11	s CONNECTOR, BNC
CN102	1-764-273-11	s CONNECTOR, BNC
CN103	1-764-273-11	s CONNECTOR, BNC
CN104	1-764-273-11	s CONNECTOR, BNC
CN105	1-764-273-11	s CONNECTOR, BNC
CN106	1-764-273-11	s CONNECTOR, BNC
CN107	1-764-273-11	s CONNECTOR, BNC
CN108	1-764-273-11	s CONNECTOR, BNC
CN109	1-764-273-11	s CONNECTOR, BNC
CN110	1-764-273-11	s CONNECTOR, BNC
CN111	1-764-273-11	s CONNECTOR, BNC
CN112	1-764-273-11	s CONNECTOR, BNC
CNI21	1-540-106-11	o SOCKET, IC
CNI22	1-540-106-11	o SOCKET, IC
CNI29	1-540-106-11	o SOCKET, IC
COP1	1-564-948-21	o PIN, SHORTING
COP2	1-564-948-21	o PIN, SHORTING
COP3	1-564-948-21	o PIN, SHORTING
D1	8-719-800-76	s DIODE 1SS226
D2	8-719-800-76	s DIODE 1SS226
D3	8-759-185-42	s IC LM4040AIM3-2.5
D4	8-719-157-23	s DIODE RD4.7M-B
D5	8-719-157-23	s DIODE RD4.7M-B
D6	8-719-157-23	s DIODE RD4.7M-B
D7	8-719-157-23	s DIODE RD4.7M-B
D8	8-719-054-49	s DIODE HSMP-3894#L31
D9	8-719-054-49	s DIODE HSMP-3894#L31
D10	8-719-054-49	s DIODE HSMP-3894#L31
D11	8-719-054-49	s DIODE HSMP-3894#L31
D12	8-719-054-49	s DIODE HSMP-3894#L31
D13	8-719-054-49	s DIODE HSMP-3894#L31
D14	8-719-054-49	s DIODE HSMP-3894#L31
D15	8-719-054-49	s DIODE HSMP-3894#L31
FB1	1-412-363-21	s INDUCTOR CHIP 0uH
FB2	1-412-363-21	s INDUCTOR CHIP 0uH
FB3	1-412-363-21	s INDUCTOR CHIP 0uH
FB4	1-412-363-21	s INDUCTOR CHIP 0uH
FB5	1-412-363-21	s INDUCTOR CHIP 0uH

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Ref. No. or Q'ty	Part No.	SP	Description
FB6	1-412-363-21	s	INDUCTOR CHIP 0uH
FB7	1-412-363-21	s	INDUCTOR CHIP 0uH
FB8	1-412-363-21	s	INDUCTOR CHIP 0uH
FB9	1-412-363-21	s	INDUCTOR CHIP 0uH
FB10	1-412-363-21	s	INDUCTOR CHIP 0uH
FB11	1-412-363-21	s	INDUCTOR CHIP 0uH
FB12	1-412-363-21	s	INDUCTOR CHIP 0uH
FB13	1-412-363-21	s	INDUCTOR CHIP 0uH
FL1	1-239-332-11	s	FILTER, LOW-PASS
FL2	1-239-913-41	s	FILTER, LOW-PASS
IC1	8-759-081-44	s	IC TC74VHC04F
IC2	8-759-186-26	s	IC TC74VHC02F
IC3	8-759-035-90	s	IC TC7S02F
IC4	8-759-186-26	s	IC TC74VHC02F
IC5	8-759-186-02	s	IC TC74VHCT245F (EL)
IC6	8-759-186-02	s	IC TC74VHCT245F (EL)
IC7	8-759-186-02	s	IC TC74VHCT245F (EL)
IC8	8-759-186-02	s	IC TC74VHCT245F (EL)
IC11	8-759-175-27	s	IC TC74VHC574F
IC12	8-759-175-27	s	IC TC74VHC574F
IC13	8-759-175-27	s	IC TC74VHC574F
IC14	8-759-175-27	s	IC TC74VHC574F
IC15	8-759-330-42	s	IC SN74ALS38157ADB
IC16	8-759-330-42	s	IC SN74ALS38157ADB
IC19	8-759-242-64	s	IC TC4W53F
IC20	8-759-242-64	s	IC TC4W53F
IC21	8-741-601-11	s	IC SBX1601A
IC22	8-741-601-11	s	IC SBX1601A
IC23	8-759-239-25	s	IC TC74HC4066AF
IC24	8-759-239-25	s	IC TC74HC4066AF
IC25	8-759-242-64	s	IC TC4W53F
IC26	8-759-242-64	s	IC TC4W53F
IC27	8-759-242-64	s	IC TC4W53F
IC28	8-759-242-64	s	IC TC4W53F
IC29	8-741-602-21	s	IC SBX1602A
IC30	8-759-242-64	s	IC TC4W53F
IC31	8-759-012-13	s	IC MC10H125M
IC32	8-759-012-13	s	IC MC10H125M
IC33	8-759-012-13	s	IC MC10H125M
IC34	8-759-926-48	s	IC SN74HC244NS
IC35	8-759-926-49	s	IC SN74HC245NS
IC36	8-759-035-93	s	IC TC7S32F-TE85L
IC37	8-759-035-93	s	IC TC7S32F-TE85L
IC38	8-759-154-60	s	IC UPD71055GB-10-3B4
IC39	8-759-086-41	s	IC X24C02S-3.0
IC40	8-759-054-61	s	IC CLC505AJE
IC41	8-759-054-61	s	IC CLC505AJE
IC42	8-752-052-77	s	IC CXA1450M
IC43	8-752-052-77	s	IC CXA1450M
IC44	8-759-054-61	s	IC CLC505AJE
IC45	8-759-054-61	s	IC CLC505AJE
IC47	8-759-906-53	s	IC TL062CPS
IC48	8-759-906-53	s	IC TL062CPS
IC101	8-759-344-84	s	IC CXD8953Q
IC102	8-759-344-84	s	IC CXD8953Q
IC103	8-759-344-84	s	IC CXD8953Q
L1	1-412-027-11	s	INDUCTOR CHIP 2.2uH

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Ref. No. or Q'ty	Part No.	SP	Description
L2	1-412-027-11	s	INDUCTOR CHIP 2.2uH
L3	1-410-985-11	s	INDUCTOR CHIP 0.22uH
L4	1-410-985-11	s	INDUCTOR CHIP 0.22uH
L7	1-412-029-11	s	INDUCTOR CHIP 10uH
L8	1-412-029-11	s	INDUCTOR CHIP 10uH
L9	1-412-029-11	s	INDUCTOR CHIP 10uH
L10	1-412-029-11	s	INDUCTOR CHIP 10uH
L12	1-412-029-11	s	INDUCTOR CHIP 10uH
L13	1-412-029-11	s	INDUCTOR CHIP 10uH
L14	1-412-029-11	s	INDUCTOR CHIP 10uH
L15	1-412-029-11	s	INDUCTOR CHIP 10uH
L16	1-414-529-21	s	INDUCTOR CHIP 100uH
L17	1-414-529-21	s	INDUCTOR CHIP 100uH
L18	1-414-441-11	s	INDUCTOR CHIP 15uH
L19	1-414-441-11	s	INDUCTOR CHIP 15uH
L20	1-412-030-11	s	INDUCTOR CHIP 22uH
L21	1-412-030-11	s	INDUCTOR CHIP 22uH
L22	1-410-988-11	s	INDUCTOR CHIP 0.39uH
L23	1-412-030-11	s	INDUCTOR CHIP 22uH
L24	1-412-030-11	s	INDUCTOR CHIP 22uH
L25	1-412-030-11	s	INDUCTOR CHIP 22uH
L26	1-412-030-11	s	INDUCTOR CHIP 22uH
L27	1-412-030-11	s	INDUCTOR CHIP 22uH
L28	1-412-030-11	s	INDUCTOR CHIP 22uH
L29	1-412-030-11	s	INDUCTOR CHIP 22uH
L30	1-412-030-11	s	INDUCTOR CHIP 22uH
L31	1-412-030-11	s	INDUCTOR CHIP 22uH
L32	1-412-029-11	s	INDUCTOR CHIP 10uH
L33	1-412-029-11	s	INDUCTOR CHIP 10uH
Q1	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q2	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q3	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q4	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q5	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q6	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q7	8-729-113-13	s	TRANSISTOR FA1A4M-L33
Q8	8-729-105-19	s	TRANSISTOR 2SC3518-L
Q9	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q10	8-729-113-13	s	TRANSISTOR FA1A4M-L33
Q11	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q12	8-729-105-19	s	TRANSISTOR 2SC3518-L
Q13	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q14	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q15	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q16	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q17	8-729-320-17	s	TRANSISTOR 2SA1122CD
Q18	8-729-320-17	s	TRANSISTOR 2SA1122CD
Q19	8-729-320-17	s	TRANSISTOR 2SA1122CD
Q20	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q21	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q22	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q23	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q24	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q25	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q26	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q27	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q28	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q29	8-729-027-57	s	TRANSISTOR DTC143XKA-T146
Q30	8-729-027-57	s	TRANSISTOR DTC143XKA-T146

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Ref. No. or Q'ty	Part No.	SP Description
R1	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R2	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R8	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R9	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R12	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R13	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R20	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R21	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R22	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R23	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R24	1-216-693-11	s METAL, CHIP 56K 0.5% 1/10W
R25	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R26	1-216-694-11	s METAL, CHIP 62K 0.5% 1/10W
R27	1-216-684-91	s METAL 24K 0.5% 1/10W
R28	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R29	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R30	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R31	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R32	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R33	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R34	1-216-615-11	s METAL, CHIP 33 0.5% 1/10W
R35	1-216-615-11	s METAL, CHIP 33 0.5% 1/10W
R36	1-216-615-11	s METAL, CHIP 33 0.5% 1/10W
R37	1-216-615-11	s METAL, CHIP 33 0.5% 1/10W
R38	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R39	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R40	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R41	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R42	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R43	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R44	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R45	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R46	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R47	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R48	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R49	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R50	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R51	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R52	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R53	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R54	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R55	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R56	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R57	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R58	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R59	1-216-615-11	s METAL, CHIP 33 0.5% 1/10W
R60	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R61	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R62	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R63	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R64	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R65	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R66	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R67	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R68	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R69	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R70	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R72	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R73	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R74	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R75	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R76	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R77	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R78	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R79	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R80	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R81	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R82	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R84	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R85	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R87	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R88	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R89	1-218-754-11	s METAL, CHIP 120K 0.50% 1/10W
R90	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R91	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R92	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R93	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R94	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R95	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R96	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R97	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R98	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R99	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R100	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R101	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R102	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R103	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R104	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R105	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R106	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R107	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R108	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R109	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R110	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R111	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R112	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R113	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R114	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R115	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R116	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R123	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R124	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R125	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R126	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R127	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R128	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R131	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R132	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R133	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R134	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R135	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R136	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R137	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R138	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R139	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R140	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R141	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R142	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R143	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R144	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R145	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R146	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R151	1-216-675-11 s	METAL, CHIP 10K 0.5% 1/10W
R155	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R156	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R157	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R158	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R159	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R160	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R161	1-216-669-11 s	METAL, CHIP 5.6K 0.5% 1/10W
R162	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R163	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R164	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R165	1-216-645-11 s	METAL, CHIP 560 0.5% 1/10W
R166	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R167	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R168	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R169	1-216-657-11 s	METAL, CHIP 1.8K 0.5% 1/10W
R170	1-216-647-11 s	METAL, CHIP 680 0.5% 1/10W
R171	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R172	1-216-657-11 s	METAL, CHIP 1.8K 0.5% 1/10W
R173	1-216-643-11 s	METAL, CHIP 470 0.5% 1/10W
R174	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R176	1-216-641-11 s	METAL, CHIP 390 0.5% 1/10W
R177	1-216-641-11 s	METAL, CHIP 390 0.5% 1/10W
R178	1-216-629-11 s	METAL, CHIP 120 0.5% 1/10W
R179	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R180	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R181	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R182	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R183	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W
R184	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R185	1-218-756-11 s	METAL 150K 0.5% 1/10W
R186	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R187	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R188	1-216-653-11 s	METAL, CHIP 1.2K 0.5% 1/10W
R189	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R190	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R191	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R192	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R193	1-216-611-11 s	METAL, CHIP 22 0.5% 1/10W
R194	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R195	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R196	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R197	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R198	1-218-756-11 s	METAL 150K 0.5% 1/10W
R199	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R200	1-218-756-11 s	METAL 150K 0.5% 1/10W
R201	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R202	1-216-611-11 s	METAL, CHIP 22 0.5% 1/10W
R203	1-216-675-11 s	METAL, CHIP 10K 0.5% 1/10W
R204	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R205	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R206	1-216-675-11 s	METAL, CHIP 10K 0.5% 1/10W
R207	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R208	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W
R209	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R210	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R211	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R212	1-216-669-11 s	METAL, CHIP 5.6K 0.5% 1/10W
R213	1-216-681-11 s	METAL, CHIP 18K 0.5% 1/10W
R214	1-216-643-11 s	METAL, CHIP 470 0.5% 1/10W
R215	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R216	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R217	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R218	1-216-669-11 s	METAL, CHIP 5.6K 0.5% 1/10W
R219	1-216-681-11 s	METAL, CHIP 18K 0.5% 1/10W
R220	1-216-643-11 s	METAL, CHIP 470 0.5% 1/10W
R221	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R222	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W
R223	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W
R224	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R225	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R226	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R227	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R228	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W
R229	1-216-675-11 s	METAL, CHIP 10K 0.5% 1/10W
R230	1-216-675-11 s	METAL, CHIP 10K 0.5% 1/10W
R231	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W
R232	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W
R233	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R234	1-216-660-11 s	METAL, CHIP 2.4K 0.5% 1/10W
RB1	1-239-310-11 s	RES, ARRAY CHIP 220K
RB2	1-239-310-11 s	RES, ARRAY CHIP 220K
RB3	1-239-310-11 s	RES, ARRAY CHIP 220K
RB4	1-239-310-11 s	RES, ARRAY CHIP 220K
RB5	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB6	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB7	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB9	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB10	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB11	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB19	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB20	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB21	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB22	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB23	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB24	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB25	1-236-904-11 s	RES, NETWORK CHIP 1KX4
RB26	1-236-904-11 s	RES, NETWORK CHIP 1KX4
RB27	1-236-904-11 s	RES, NETWORK CHIP 1KX4
RB28	1-239-416-11 s	RES, NETWORK CHIP 220X4
RB29	1-239-416-11 s	RES, NETWORK CHIP 220X4
RB30	1-239-416-11 s	RES, NETWORK CHIP 220X4
RB101	1-239-310-11 s	RES, ARRAY CHIP 220K
RB102	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB103	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB104	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB105	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB106	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB107	1-239-310-11 s	RES, ARRAY CHIP 220K
RB108	1-239-310-11 s	RES, ARRAY CHIP 220K
RB110	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB111	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB112	1-239-409-11 s	RES, NETWORK CHIP 47X4
RB113	1-239-409-11 s	RES, NETWORK CHIP 47X4

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Ref. No. or Q'ty	Part No.	SP Description
RB114	1-239-409-11	s RES, NETWORK CHIP 47X4
RB115	1-239-310-11	s RES, ARRAY CHIP 220K
RB116	1-239-310-11	s RES, ARRAY CHIP 220K
RB118	1-239-409-11	s RES, NETWORK CHIP 47X4
RB119	1-239-409-11	s RES, NETWORK CHIP 47X4
RB120	1-239-409-11	s RES, NETWORK CHIP 47X4
RB121	1-239-409-11	s RES, NETWORK CHIP 47X4
RB122	1-239-409-11	s RES, NETWORK CHIP 47X4
RB123	1-239-310-11	s RES, ARRAY CHIP 220K
RB124	1-239-310-11	s RES, ARRAY CHIP 220K
RS17	1-216-295-91	s RES, CHIP 0
RS18	1-216-295-91	s RES, CHIP 0
RS101	1-216-295-91	s RES, CHIP 0
RS103	1-216-295-91	s RES, CHIP 0
RS104	1-216-295-91	s RES, CHIP 0
RS105	1-216-295-91	s RES, CHIP 0
RS106	1-216-295-91	s RES, CHIP 0
RS107	1-216-295-91	s RES, CHIP 0
RS108	1-216-295-91	s RES, CHIP 0
RS110	1-216-295-91	s RES, CHIP 0
RS111	1-216-295-91	s RES, CHIP 0
RS112	1-216-295-91	s RES, CHIP 0
RS113	1-216-295-91	s RES, CHIP 0
RS114	1-216-295-91	s RES, CHIP 0
RS115	1-216-295-91	s RES, CHIP 0
RS117	1-216-295-91	s RES, CHIP 0
RS118	1-216-295-91	s RES, CHIP 0
RS119	1-216-295-91	s RES, CHIP 0
RS120	1-216-295-91	s RES, CHIP 0
RS121	1-216-295-91	s RES, CHIP 0
RV1	1-228-458-00	s RES, ADJ METAL 5K
RV2	1-228-458-00	s RES, ADJ METAL 5K
RV3	1-228-458-00	s RES, ADJ METAL 5K
RV4	1-228-458-00	s RES, ADJ METAL 5K
RV5	1-228-458-00	s RES, ADJ METAL 5K
RV6	1-228-458-00	s RES, ADJ METAL 5K
RV9	1-237-032-11	s RES, ADJ METAL 500
RV10	1-237-032-11	s RES, ADJ METAL 500
RV11	1-237-031-11	s RES, ADJ METAL 200

DPR-108 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8318-498-A	o MOUNTED CIRCUIT BOARD, DPR-108
4pcs	1-533-223-11	s HOLDER, FUSE
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 PIN, SPRING 3X8
9pcs	7-682-903-11	s SCREW +PWH 3X6
1pc	3-681-020-01	o PC SHIELD PLATE
1pc	3-612-880-01	o PANEL, PC BOARD DPR
C1	1-163-038-91	s CERAMIC 0.1uF 25V
C2	1-163-038-91	s CERAMIC 0.1uF 25V
C3	1-163-038-91	s CERAMIC 0.1uF 25V
C4	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C5	1-164-505-11	s CERAMIC 2.2uF 16V
C6	1-104-852-11	s TANTALUM 22uF 20% 10V
C7	1-104-852-11	s TANTALUM 22uF 20% 10V
C8	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C9	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C10	1-164-505-11	s CERAMIC 2.2uF 16V
C11	1-164-505-11	s CERAMIC 2.2uF 16V
C12	1-104-852-11	s TANTALUM 22uF 20% 10V
C14	1-163-038-91	s CERAMIC 0.1uF 25V
C15	1-164-505-11	s CERAMIC 2.2uF 16V
C16	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C17	1-104-852-11	s TANTALUM 22uF 20% 10V
C20	1-163-038-91	s CERAMIC 0.1uF 25V
C21	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C22	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C23	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C24	1-163-038-91	s CERAMIC 0.1uF 25V
C25	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C26	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C27	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C28	1-113-682-11	s TANTALUM 33uF 20% 10V
C29	1-163-038-91	s CERAMIC 0.1uF 25V
C30	1-163-038-91	s CERAMIC 0.1uF 25V
C31	1-163-038-91	s CERAMIC 0.1uF 25V
C32	1-163-038-91	s CERAMIC 0.1uF 25V
C33	1-163-038-91	s CERAMIC 0.1uF 25V
C34	1-163-038-91	s CERAMIC 0.1uF 25V
C35	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C36	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C37	1-163-038-91	s CERAMIC 0.1uF 25V
C38	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C39	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C40	1-163-038-91	s CERAMIC 0.1uF 25V
C41	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C43	1-163-038-91	s CERAMIC 0.1uF 25V
C46	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C47	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C48	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C49	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C50	1-104-851-11	s TANTALUM 10uF 20% 10V
C51	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C52	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C53	1-163-038-91	s CERAMIC 0.1uF 25V
C54	1-163-038-91	s CERAMIC 0.1uF 25V
C55	1-163-038-91	s CERAMIC 0.1uF 25V
C56	1-163-038-91	s CERAMIC 0.1uF 25V

(DPR-108 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C57	1-163-038-91	s	CERAMIC 0.1uF 25V
C58	1-163-038-91	s	CERAMIC 0.1uF 25V
C59	1-163-038-91	s	CERAMIC 0.1uF 25V
C60	1-163-038-91	s	CERAMIC 0.1uF 25V
C61	1-163-038-91	s	CERAMIC 0.1uF 25V
C62	1-163-038-91	s	CERAMIC 0.1uF 25V
C63	1-163-038-91	s	CERAMIC 0.1uF 25V
C64	1-163-038-91	s	CERAMIC 0.1uF 25V
C65	1-163-038-91	s	CERAMIC 0.1uF 25V
C66	1-163-038-91	s	CERAMIC 0.1uF 25V
C67	1-163-038-91	s	CERAMIC 0.1uF 25V
C68	1-163-038-91	s	CERAMIC 0.1uF 25V
C69	1-163-038-91	s	CERAMIC 0.1uF 25V
C70	1-163-038-91	s	CERAMIC 0.1uF 25V
C71	1-163-038-91	s	CERAMIC 0.1uF 25V
C72	1-163-038-91	s	CERAMIC 0.1uF 25V
C73	1-163-038-91	s	CERAMIC 0.1uF 25V
C74	1-163-038-91	s	CERAMIC 0.1uF 25V
C75	1-163-038-91	s	CERAMIC 0.1uF 25V
C76	1-163-038-91	s	CERAMIC 0.1uF 25V
C77	1-163-038-91	s	CERAMIC 0.1uF 25V
C78	1-163-038-91	s	CERAMIC 0.1uF 25V
C79	1-163-038-91	s	CERAMIC 0.1uF 25V
C80	1-163-038-91	s	CERAMIC 0.1uF 25V
C81	1-163-038-91	s	CERAMIC 0.1uF 25V
C83	1-163-038-91	s	CERAMIC 0.1uF 25V
C84	1-163-038-91	s	CERAMIC 0.1uF 25V
C85	1-163-038-91	s	CERAMIC 0.1uF 25V
C86	1-163-038-91	s	CERAMIC 0.1uF 25V
C87	1-163-038-91	s	CERAMIC 0.1uF 25V
C88	1-163-038-91	s	CERAMIC 0.1uF 25V
C89	1-163-038-91	s	CERAMIC 0.1uF 25V
C90	1-163-038-91	s	CERAMIC 0.1uF 25V
C91	1-163-038-91	s	CERAMIC 0.1uF 25V
C92	1-163-038-91	s	CERAMIC 0.1uF 25V
C93	1-163-038-91	s	CERAMIC 0.1uF 25V
C94	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C95	1-164-505-11	s	CERAMIC 2.2uF 16V
C96	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C97	1-104-852-11	s	TANTALUM 22uF 20% 10V
C98	1-164-505-11	s	CERAMIC 2.2uF 16V
C99	1-104-852-11	s	TANTALUM 22uF 20% 10V
C100	1-104-852-11	s	TANTALUM 22uF 20% 10V
C101	1-104-852-11	s	TANTALUM 22uF 20% 10V
C102	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C103	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C104	1-164-505-11	s	CERAMIC 2.2uF 16V
C105	1-164-505-11	s	CERAMIC 2.2uF 16V
C106	1-164-505-11	s	CERAMIC 2.2uF 16V
C107	1-164-505-11	s	CERAMIC 2.2uF 16V
C108	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C109	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C110	1-104-852-11	s	TANTALUM 22uF 20% 10V
C111	1-104-852-11	s	TANTALUM 22uF 20% 10V
C112	1-104-851-11	s	TANTALUM 10uF 20% 10V
C113	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C114	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C115	1-104-851-11	s	TANTALUM 10uF 20% 10V
C116	1-164-505-11	s	CERAMIC 2.2uF 16V

(DPR-108 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C117	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C118	1-104-852-11	s	TANTALUM 22uF 20% 10V
C119	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C120	1-164-505-11	s	CERAMIC 2.2uF 16V
C121	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C122	1-104-852-11	s	TANTALUM 22uF 20% 10V
C123	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C124	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C125	1-163-038-91	s	CERAMIC 0.1uF 25V
C126	1-163-038-91	s	CERAMIC 0.1uF 25V
C127	1-163-038-91	s	CERAMIC 0.1uF 25V
C128	1-163-038-91	s	CERAMIC 0.1uF 25V
C129	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C130	1-163-038-91	s	CERAMIC 0.1uF 25V
C131	1-163-038-91	s	CERAMIC 0.1uF 25V
C132	1-104-851-11	s	TANTALUM 10uF 20% 10V
C133	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C134	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C135	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C136	1-163-038-91	s	CERAMIC 0.1uF 25V
C137	1-163-038-91	s	CERAMIC 0.1uF 25V
C138	1-163-038-91	s	CERAMIC 0.1uF 25V
C139	1-163-038-91	s	CERAMIC 0.1uF 25V
C140	1-163-038-91	s	CERAMIC 0.1uF 25V
C141	1-163-038-91	s	CERAMIC 0.1uF 25V
C142	1-163-038-91	s	CERAMIC 0.1uF 25V
C143	1-163-038-91	s	CERAMIC 0.1uF 25V
C144	1-163-038-91	s	CERAMIC 0.1uF 25V
C145	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C147	1-163-038-91	s	CERAMIC 0.1uF 25V
C148	1-163-038-91	s	CERAMIC 0.1uF 25V
C149	1-163-038-91	s	CERAMIC 0.1uF 25V
C150	1-163-038-91	s	CERAMIC 0.1uF 25V
C151	1-163-038-91	s	CERAMIC 0.1uF 25V
C152	1-163-038-91	s	CERAMIC 0.1uF 25V
C153	1-163-038-91	s	CERAMIC 0.1uF 25V
C154	1-163-038-91	s	CERAMIC 0.1uF 25V
C155	1-163-038-91	s	CERAMIC 0.1uF 25V
C156	1-163-038-91	s	CERAMIC 0.1uF 25V
C157	1-164-505-11	s	CERAMIC 2.2uF 16V
C158	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C159	1-104-852-11	s	TANTALUM 22uF 20% 10V
C160	1-163-038-91	s	CERAMIC 0.1uF 25V
C161	1-163-038-91	s	CERAMIC 0.1uF 25V
C162	1-164-505-11	s	CERAMIC 2.2uF 16V
C163	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C164	1-104-852-11	s	TANTALUM 22uF 20% 10V
C165	1-104-851-11	s	TANTALUM 10uF 20% 10V
C166	1-163-038-91	s	CERAMIC 0.1uF 25V
C167	1-164-505-11	s	CERAMIC 2.2uF 16V
C168	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C169	1-163-038-91	s	CERAMIC 0.1uF 25V
C170	1-104-852-11	s	TANTALUM 22uF 20% 10V
C171	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C172	1-104-852-11	s	TANTALUM 22uF 20% 10V
C173	1-164-505-11	s	CERAMIC 2.2uF 16V
C174	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C175	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C176	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V

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Ref. No. or Q'ty	Part No.	SP Description

C177	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C178	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C179	1-163-038-91 s	CERAMIC 0.1uF 25V
C180	1-163-038-91 s	CERAMIC 0.1uF 25V
C181	1-163-038-91 s	CERAMIC 0.1uF 25V

C182	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C183	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C184	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C185	1-113-682-11 s	TANTALUM 33uF 20% 10V
C186	1-163-038-91 s	CERAMIC 0.1uF 25V

C187	1-163-038-91 s	CERAMIC 0.1uF 25V
C188	1-163-038-91 s	CERAMIC 0.1uF 25V
C189	1-163-038-91 s	CERAMIC 0.1uF 25V
C190	1-163-038-91 s	CERAMIC 0.1uF 25V
C191	1-163-038-91 s	CERAMIC 0.1uF 25V

C192	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C193	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C194	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C195	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C196	1-163-038-91 s	CERAMIC 0.1uF 25V

C197	1-163-038-91 s	CERAMIC 0.1uF 25V
C198	1-163-038-91 s	CERAMIC 0.1uF 25V
C199	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C200	1-163-038-91 s	CERAMIC 0.1uF 25V
C201	1-104-851-11 s	TANTALUM 10uF 20% 10V

C202	1-163-038-91 s	CERAMIC 0.1uF 25V
C203	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C204	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C205	1-113-642-11 s	TANTALUM 47uF 20% 10V
C206	1-113-642-11 s	TANTALUM 47uF 20% 10V

C207	1-163-038-91 s	CERAMIC 0.1uF 25V
C208	1-163-038-91 s	CERAMIC 0.1uF 25V
C209	1-164-505-11 s	CERAMIC 2.2uF 16V
C210	1-107-689-21 s	TANTALUM 1uF 20% 35V
C211	1-163-038-91 s	CERAMIC 0.1uF 25V

C212	1-163-038-91 s	CERAMIC 0.1uF 25V
C213	1-163-038-91 s	CERAMIC 0.1uF 25V
C214	1-113-642-11 s	TANTALUM 47uF 20% 10V
C215	1-163-038-91 s	CERAMIC 0.1uF 25V
C216	1-163-038-91 s	CERAMIC 0.1uF 25V

C217	1-163-038-91 s	CERAMIC 0.1uF 25V
C218	1-163-038-91 s	CERAMIC 0.1uF 25V
C219	1-163-038-91 s	CERAMIC 0.1uF 25V
C220	1-163-038-91 s	CERAMIC 0.1uF 25V
C221	1-113-642-11 s	TANTALUM 47uF 20% 10V

C222	1-163-038-91 s	CERAMIC 0.1uF 25V
C223	1-104-851-11 s	TANTALUM 10uF 20% 10V
C224	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C225	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C226	1-104-851-11 s	TANTALUM 10uF 20% 10V

C227	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C228	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C229	1-163-038-91 s	CERAMIC 0.1uF 25V
C230	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C231	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V

C232	1-163-038-91 s	CERAMIC 0.1uF 25V
C233	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C234	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C235	1-104-851-11 s	TANTALUM 10uF 20% 10V

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Ref. No. or Q'ty	Part No.	SP Description

C236	1-164-505-11 s	CERAMIC 2.2uF 16V
C237	1-163-038-91 s	CERAMIC 0.1uF 25V
C238	1-163-038-91 s	CERAMIC 0.1uF 25V
C239	1-163-038-91 s	CERAMIC 0.1uF 25V
C240	1-163-038-91 s	CERAMIC 0.1uF 25V

C241	1-163-038-91 s	CERAMIC 0.1uF 25V
C242	1-163-038-91 s	CERAMIC 0.1uF 25V
C243	1-163-038-91 s	CERAMIC 0.1uF 25V
C244	1-163-037-11 s	CERAMIC, CHIP 0.02uF 10% 25V
C245	1-164-505-11 s	CERAMIC 2.2uF 16V

C246	1-104-852-11 s	TANTALUM 22uF 20% 10V
C247	1-104-852-11 s	TANTALUM 22uF 20% 10V
C248	1-104-852-11 s	TANTALUM 22uF 20% 10V
C249	1-163-037-11 s	CERAMIC, CHIP 0.02uF 10% 25V
C250	1-163-037-11 s	CERAMIC, CHIP 0.02uF 10% 25V

C251	1-164-505-11 s	CERAMIC 2.2uF 16V
C252	1-164-505-11 s	CERAMIC 2.2uF 16V
C253	1-164-505-11 s	CERAMIC 2.2uF 16V
C254	1-163-037-11 s	CERAMIC, CHIP 0.02uF 10% 25V
C255	1-104-852-11 s	TANTALUM 22uF 20% 10V

C256	1-163-038-91 s	CERAMIC 0.1uF 25V
C257	1-163-038-91 s	CERAMIC 0.1uF 25V
C258	1-163-038-91 s	CERAMIC 0.1uF 25V
C259	1-128-397-21 s	ELECT 100uF 20% 16V
C260	1-128-397-21 s	ELECT 100uF 20% 16V

C261	1-107-877-11 s	ELECT 1000uF 20% 10V
C262	1-107-877-11 s	ELECT 1000uF 20% 10V
C263	1-107-877-11 s	ELECT 1000uF 20% 10V
C264	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C265	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V

C266	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C267	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C268	1-107-877-11 s	ELECT 1000uF 20% 10V
C269	1-113-682-11 s	TANTALUM 33uF 20% 10V
C270	1-128-397-21 s	ELECT 100uF 20% 16V

C271	1-113-682-11 s	TANTALUM 33uF 20% 10V
C272	1-107-877-11 s	ELECT 1000uF 20% 10V
C273	1-107-877-11 s	ELECT 1000uF 20% 10V
C274	1-128-397-21 s	ELECT 100uF 20% 16V
C275	1-128-397-21 s	ELECT 100uF 20% 16V

C276	1-113-682-11 s	TANTALUM 33uF 20% 10V
C277	1-107-689-21 s	TANTALUM 1uF 20% 35V
C278	1-107-689-21 s	TANTALUM 1uF 20% 35V
C279	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V
C280	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V

C281	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V
C282	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V
C283	1-163-038-91 s	CERAMIC 0.1uF 25V
C284	1-163-038-91 s	CERAMIC 0.1uF 25V
C285	1-163-038-91 s	CERAMIC 0.1uF 25V

C286	1-163-038-91 s	CERAMIC 0.1uF 25V
C287	1-163-038-91 s	CERAMIC 0.1uF 25V
C288	1-163-038-91 s	CERAMIC 0.1uF 25V
C289	1-163-038-91 s	CERAMIC 0.1uF 25V
C290	1-163-038-91 s	CERAMIC 0.1uF 25V

C291	1-163-038-91 s	CERAMIC 0.1uF 25V
C292	1-163-038-91 s	CERAMIC 0.1uF 25V
C293	1-163-038-91 s	CERAMIC 0.1uF 25V
C294	1-163-038-91 s	CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C295	1-163-038-91 s	CERAMIC 0.1uF 25V
C296	1-163-038-91 s	CERAMIC 0.1uF 25V
C297	1-163-038-91 s	CERAMIC 0.1uF 25V
C298	1-163-038-91 s	CERAMIC 0.1uF 25V
C299	1-163-038-91 s	CERAMIC 0.1uF 25V
C300	1-163-038-91 s	CERAMIC 0.1uF 25V
C301	1-163-038-91 s	CERAMIC 0.1uF 25V
C302	1-163-038-91 s	CERAMIC 0.1uF 25V
C303	1-163-038-91 s	CERAMIC 0.1uF 25V
C304	1-163-038-91 s	CERAMIC 0.1uF 25V
C305	1-163-038-91 s	CERAMIC 0.1uF 25V
C306	1-163-038-91 s	CERAMIC 0.1uF 25V
C307	1-163-038-91 s	CERAMIC 0.1uF 25V
C308	1-163-038-91 s	CERAMIC 0.1uF 25V
C309	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C310	1-163-038-91 s	CERAMIC 0.1uF 25V
C311	1-104-851-11 s	TANTALUM 10uF 20% 10V
C312	1-104-852-11 s	TANTALUM 22uF 20% 10V
C313	1-104-851-11 s	TANTALUM 10uF 20% 10V
C314	1-104-851-11 s	TANTALUM 10uF 20% 10V
C315	1-163-038-91 s	CERAMIC 0.1uF 25V
C316	1-163-038-91 s	CERAMIC 0.1uF 25V
C317	1-163-038-91 s	CERAMIC 0.1uF 25V
C318	1-163-038-91 s	CERAMIC 0.1uF 25V
C319	1-163-038-91 s	CERAMIC 0.1uF 25V
C320	1-163-038-91 s	CERAMIC 0.1uF 25V
C321	1-163-038-91 s	CERAMIC 0.1uF 25V
C322	1-163-038-91 s	CERAMIC 0.1uF 25V
C323	1-163-038-91 s	CERAMIC 0.1uF 25V
C324	1-163-038-91 s	CERAMIC 0.1uF 25V
C325	1-163-038-91 s	CERAMIC 0.1uF 25V
C326	1-163-038-91 s	CERAMIC 0.1uF 25V
C327	1-163-038-91 s	CERAMIC 0.1uF 25V
C328	1-163-038-91 s	CERAMIC 0.1uF 25V
C329	1-163-038-91 s	CERAMIC 0.1uF 25V
C330	1-163-038-91 s	CERAMIC 0.1uF 25V
C331	1-163-038-91 s	CERAMIC 0.1uF 25V
C332	1-163-038-91 s	CERAMIC 0.1uF 25V
C333	1-163-038-91 s	CERAMIC 0.1uF 25V
C334	1-107-689-21 s	TANTALUM 1uF 20% 35V
C335	1-163-038-91 s	CERAMIC 0.1uF 25V
C336	1-107-689-21 s	TANTALUM 1uF 20% 35V
C337	1-107-689-21 s	TANTALUM 1uF 20% 35V
C338	1-107-689-21 s	TANTALUM 1uF 20% 35V
C339	1-107-689-21 s	TANTALUM 1uF 20% 35V
C340	1-163-038-91 s	CERAMIC 0.1uF 25V
C341	1-163-245-11 s	CERAMIC, CHIP 56PF 5% 50V
C342	1-163-038-91 s	CERAMIC 0.1uF 25V
C343	1-163-038-91 s	CERAMIC 0.1uF 25V
C344	1-163-038-91 s	CERAMIC 0.1uF 25V
C345	1-104-852-11 s	TANTALUM 22uF 20% 10V
C346	1-163-038-91 s	CERAMIC 0.1uF 25V
C347	1-113-991-11 s	TANTALUM 33uF 20% 16V
C348	1-163-038-91 s	CERAMIC 0.1uF 25V
C349	1-163-038-91 s	CERAMIC 0.1uF 25V
C350	1-163-038-91 s	CERAMIC 0.1uF 25V
C351	1-163-038-91 s	CERAMIC 0.1uF 25V
C352	1-163-038-91 s	CERAMIC 0.1uF 25V
C353	1-163-038-91 s	CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C354	1-163-038-91 s	CERAMIC 0.1uF 25V
C355	1-163-038-91 s	CERAMIC 0.1uF 25V
C356	1-104-851-11 s	TANTALUM 10uF 20% 10V
C357	1-163-038-91 s	CERAMIC 0.1uF 25V
C358	1-163-038-91 s	CERAMIC 0.1uF 25V
C359	1-163-038-91 s	CERAMIC 0.1uF 25V
C360	1-163-038-91 s	CERAMIC 0.1uF 25V
C361	1-163-038-91 s	CERAMIC 0.1uF 25V
C362	1-163-038-91 s	CERAMIC 0.1uF 25V
C363	1-163-038-91 s	CERAMIC 0.1uF 25V
CN1	1-774-668-11 o	CONNECTOR, BOARD TO BOARD 96P
CN2	1-774-668-11 o	CONNECTOR, BOARD TO BOARD 96P
CN3	1-774-668-11 o	CONNECTOR, BOARD TO BOARD 96P
CN4	1-774-668-11 o	CONNECTOR, BOARD TO BOARD 96P
CP1	1-767-590-11 s	VCO 13.500MHz
CP2	1-767-589-11 s	VCO 24.576MHz
D1	8-719-987-43 s	LED CL-150PG-CD, GRN
D2	8-719-987-43 s	LED CL-150PG-CD, GRN
D3	8-719-987-43 s	LED CL-150PG-CD, GRN
D4	8-719-800-76 s	DIODE 1SS226
D5	8-759-185-42 s	IC LM4040AIM3-2.5
D6	8-719-800-76 s	DIODE 1SS226
D7	8-719-157-23 s	DIODE RD4.7M-B
D8	8-719-974-41 s	LED HLMP-6500-010, GRN
D9	8-719-974-41 s	LED HLMP-6500-010, GRN
D10	8-719-974-41 s	LED HLMP-6500-010, GRN
D11	8-719-974-41 s	LED HLMP-6500-010, GRN
D12	8-719-974-41 s	LED HLMP-6500-010, GRN
D13	8-719-974-41 s	LED HLMP-6500-010, GRN
D14	8-719-974-41 s	LED HLMP-6500-010, GRN
D15	8-719-800-76 s	DIODE 1SS226
D16	8-719-024-81 s	DIODE 1SS300-TE85L
D17	8-719-404-35 s	DIODE MA141WK
D18	8-719-987-43 s	LED CL-150PG-CD, GRN
D19	8-719-974-39 s	LED HLMP-6300-010, RED
D20	8-719-987-43 s	LED CL-150PG-CD, GRN
D21	8-719-974-40 s	LED HLMP-6400-010, YEL
D22	8-719-987-43 s	LED CL-150PG-CD, GRN
D23	8-719-974-41 s	LED HLMP-6500-010, GRN
D24	8-719-987-43 s	LED CL-150PG-CD, GRN
D25	8-719-974-39 s	LED HLMP-6300-010, RED
D26	8-719-987-43 s	LED CL-150PG-CD, GRN
D27	8-719-974-40 s	LED HLMP-6400-010, YEL
D28	8-719-987-43 s	LED CL-150PG-CD, GRN
D29	8-719-987-43 s	LED CL-150PG-CD, GRN
D30	8-719-974-41 s	LED HLMP-6500-010, GRN
D31	8-719-987-43 s	LED CL-150PG-CD, GRN
D32	8-719-974-40 s	LED HLMP-6400-010, YEL
D33	8-719-987-43 s	LED CL-150PG-CD, GRN
D34	8-719-987-43 s	LED CL-150PG-CD, GRN
D35	8-719-974-41 s	LED HLMP-6500-010, GRN
E1	1-535-881-21 o	TERMINAL, TP
E2	1-535-881-21 o	TERMINAL, TP
E3	1-535-881-21 o	TERMINAL, TP
E4	1-535-881-21 o	TERMINAL, TP
E5	1-535-881-21 o	TERMINAL, TP
F1	△ 1-576-231-11 s	FUSE, TIME LAG 4A 250V
F2	△ 1-533-817-21 s	THEMISTOR, POSITIVE miniSMD100-02

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Ref. No. or Q'ty	Part No.	SP Description
F3	Δ 1-576-233-41	s FUSE, TIME LAG 6.3A 250V
FB1	1-543-469-11	s BEAD, FERRITE (CHIP)
FB2	1-543-469-11	s BEAD, FERRITE (CHIP)
FB3	1-543-469-11	s BEAD, FERRITE (CHIP)
FB4	1-543-469-11	s BEAD, FERRITE (CHIP)
FB5	1-412-390-21	s INDUCTOR CHIP 0uH
FB6	1-412-390-21	s INDUCTOR CHIP 0uH
FB7	1-543-469-11	s BEAD, FERRITE (CHIP)
FB8	1-543-469-11	s BEAD, FERRITE (CHIP)
FB9	1-543-469-11	s BEAD, FERRITE (CHIP)
FB10	1-543-469-11	s BEAD, FERRITE (CHIP)
FB11	1-543-469-11	s BEAD, FERRITE (CHIP)
FB12	1-543-469-11	s BEAD, FERRITE (CHIP)
FB13	1-543-469-11	s BEAD, FERRITE (CHIP)
FB14	1-543-469-11	s BEAD, FERRITE (CHIP)
FB15	1-543-469-11	s BEAD, FERRITE (CHIP)
FB16	1-543-469-11	s BEAD, FERRITE (CHIP)
FB17	1-543-469-11	s BEAD, FERRITE (CHIP)
FB18	1-412-390-21	s INDUCTOR CHIP 0uH
FB19	1-543-469-11	s BEAD, FERRITE (CHIP)
FB20	1-543-469-11	s BEAD, FERRITE (CHIP)
FB21	1-543-469-11	s BEAD, FERRITE (CHIP)
FB22	1-543-469-11	s BEAD, FERRITE (CHIP)
FB23	1-412-390-21	s INDUCTOR CHIP 0uH
FB24	1-412-390-21	s INDUCTOR CHIP 0uH
FB25	1-412-390-21	s INDUCTOR CHIP 0uH
FB26	1-543-469-11	s BEAD, FERRITE (CHIP)
FB27	1-543-469-11	s BEAD, FERRITE (CHIP)
FB28	1-543-469-11	s BEAD, FERRITE (CHIP)
FB29	1-543-469-11	s BEAD, FERRITE (CHIP)
FB30	1-412-390-21	s INDUCTOR CHIP 0uH
FB31	1-412-390-21	s INDUCTOR CHIP 0uH
FB32	1-543-469-11	s BEAD, FERRITE (CHIP)
FL1	1-234-076-21	s FILTER, LOW-PASS
FL2	1-239-896-11	s FILTER, EMI (SMD)
FL3	1-239-896-11	s FILTER, EMI (SMD)
FL4	1-239-896-11	s FILTER, EMI (SMD)
FL5	1-239-896-11	s FILTER, EMI (SMD)
IC1	8-759-386-22	s IC 74LCX04SJX
IC2	8-759-386-27	s IC 74LCX04MTCX
IC3	8-759-421-88	s IC SN74LVC821APW-E05
IC4	8-759-421-88	s IC SN74LVC821APW-E05
IC7	8-759-386-22	s IC 74LCX04SJX
IC10	8-759-386-29	s IC 74LCX574SJX
IC11	8-759-386-29	s IC 74LCX574SJX
IC12	8-759-386-29	s IC 74LCX574SJX
IC13	8-759-386-29	s IC 74LCX574SJX
IC14	8-759-398-82	s IC 74LCX00SJX
IC15	8-759-386-31	s IC 74LCX244SJX
IC16	8-759-386-29	s IC 74LCX574SJX
IC17	8-759-445-73	s IC M66256FP-E2
IC18	8-759-445-73	s IC M66256FP-E2
IC19	8-759-445-73	s IC M66256FP-E2
IC20	8-759-445-73	s IC M66256FP-E2
IC21	8-759-445-73	s IC M66256FP-E2
IC22	8-759-445-73	s IC M66256FP-E2
IC23	8-759-386-29	s IC 74LCX574SJX
IC24	8-759-386-29	s IC 74LCX574SJX

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Ref. No. or Q'ty	Part No.	SP Description
IC25	8-759-386-29	s IC 74LCX574SJX
IC26	8-759-386-29	s IC 74LCX574SJX
IC27	8-759-386-29	s IC 74LCX574SJX
IC28	8-759-386-29	s IC 74LCX574SJX
IC29	8-759-398-82	s IC 74LCX00SJX
IC30	8-759-386-31	s IC 74LCX244SJX
IC31	8-759-386-29	s IC 74LCX574SJX
IC32	8-759-386-29	s IC 74LCX574SJX
IC36	8-759-386-31	s IC 74LCX244SJX
IC37	8-759-386-29	s IC 74LCX574SJX
IC38	8-759-386-31	s IC 74LCX244SJX
IC39	--PENDING---	o IC EPM7160ELC84-15, EPLD, BLANK
IC40	--PENDING---	o IC EPM7096LC84-15, EPLD, BLANK
IC41	8-759-421-88	s IC SN74LVC821APW-E05
IC42	8-759-421-88	s IC SN74LVC821APW-E05
IC43	8-759-533-99	o IC 7032V-DPR108-MLPX-V1.00, EPLD
IC44	8-759-533-99	o IC 7032V-DPR108-MLPX-V1.00, EPLD
IC45	8-759-421-88	s IC SN74LVC821APW-E05
IC46	8-759-421-88	s IC SN74LVC821APW-E05
IC47	8-759-421-88	s IC SN74LVC821APW-E05
IC48	8-759-421-88	s IC SN74LVC821APW-E05
IC49	8-759-482-18	s IC 74LCX74SJX
IC51	8-759-386-29	s IC 74LCX574SJX
IC52	8-759-533-99	o IC 7032V-DPR108-MLPX-V1.00, EPLD
IC53	8-759-421-88	s IC SN74LVC821APW-E05
IC54	8-759-421-88	s IC SN74LVC821APW-E05
IC55	8-759-421-88	s IC SN74LVC821APW-E05
IC56	8-759-421-88	s IC SN74LVC821APW-E05
IC57	8-759-421-88	s IC SN74LVC821APW-E05
IC58	8-759-421-88	s IC SN74LVC821APW-E05
IC61	8-759-386-22	s IC 74LCX04SJX
IC62	8-759-386-22	s IC 74LCX04SJX
IC63	8-759-421-88	s IC SN74LVC821APW-E05
IC64	8-759-421-88	s IC SN74LVC821APW-E05
IC65	8-759-421-88	s IC SN74LVC821APW-E05
IC66	8-759-421-88	s IC SN74LVC821APW-E05
IC67	8-759-421-88	s IC SN74LVC821APW-E05
IC68	8-759-386-22	s IC 74LCX04SJX
IC69	8-759-421-88	s IC SN74LVC821APW-E05
IC70	--PENDING---	o IC EPM7128ELC84-10, EPLD, BLANK
IC71	8-759-421-88	s IC SN74LVC821APW-E05
IC72	8-759-421-88	s IC SN74LVC821APW-E05
IC73	8-759-386-31	s IC 74LCX244SJX
IC75	8-759-386-26	s IC 74LCX574MTCX
IC76	8-759-386-26	s IC 74LCX574MTCX
IC77	8-759-386-26	s IC 74LCX574MTCX
IC78	8-759-386-27	s IC 74LCX04MTCX
IC79	8-759-386-27	s IC 74LCX04MTCX
IC80	8-759-421-88	s IC SN74LVC821APW-E05
IC81	8-759-421-88	s IC SN74LVC821APW-E05
IC82	8-759-386-26	s IC 74LCX574MTCX
IC83	8-759-386-26	s IC 74LCX574MTCX
IC84	8-759-386-26	s IC 74LCX574MTCX
IC86	8-759-386-31	s IC 74LCX244SJX
IC88	8-759-389-24	s IC 74LCX02SJX
IC89	8-759-980-27	s IC SN74ALS163BNS
IC90	8-759-491-44	s IC TC74VHCT74AF (EL)
IC91	8-759-386-22	s IC 74LCX04SJX
IC92	8-759-386-29	s IC 74LCX574SJX

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Ref. No. or Q'ty	Part No.	SP	Description
IC93	8-759-386-22	s IC	74LCX04SJX
IC94	8-759-398-82	s IC	74LCX00SJX
IC95	8-759-386-29	s IC	74LCX574SJX
IC96	8-759-386-26	s IC	74LCX574MTCX
IC97	8-759-386-26	s IC	74LCX574MTCX
IC98	8-759-386-26	s IC	74LCX574MTCX
IC99	8-759-386-32	s IC	74LCX245SJX
IC100	8-759-386-32	s IC	74LCX245SJX
IC101	8-759-386-32	s IC	74LCX245SJX
IC102	8-759-386-31	s IC	74LCX244SJX
IC103	8-759-196-73	s IC	UPD485505G-25
IC104	8-759-196-73	s IC	UPD485505G-25
IC105	8-759-196-73	s IC	UPD485505G-25
IC106	8-759-196-73	s IC	UPD485505G-25
IC107	8-759-196-73	s IC	UPD485505G-25
IC108	8-759-196-73	s IC	UPD485505G-25
IC109	8-759-386-26	s IC	74LCX574MTCX
IC110	8-759-386-26	s IC	74LCX574MTCX
IC111	8-759-386-26	s IC	74LCX574MTCX
IC112	8-759-386-26	s IC	74LCX574MTCX
IC113	8-759-386-26	s IC	74LCX574MTCX
IC114	8-759-386-26	s IC	74LCX574MTCX
IC115	8-759-386-26	s IC	74LCX574MTCX
IC116	8-759-386-26	s IC	74LCX574MTCX
IC117	8-759-386-26	s IC	74LCX574MTCX
IC118	8-759-386-26	s IC	74LCX574MTCX
IC119	8-759-386-26	s IC	74LCX574MTCX
IC120	8-759-386-26	s IC	74LCX574MTCX
IC121	8-759-398-82	s IC	74LCX00SJX
IC122	8-759-386-29	s IC	74LCX574SJX
IC123	8-759-386-29	s IC	74LCX574SJX
IC124	8-759-389-24	s IC	74LCX02SJX
IC125	8-759-980-27	s IC	SN74ALS163BNS
IC126	8-759-491-44	s IC	TC74VHCT74AF (EL)
IC127	8-759-386-31	s IC	74LCX244SJX
IC128	8-759-386-31	s IC	74LCX244SJX
IC129	8-759-386-31	s IC	74LCX244SJX
IC130	8-759-533-99	o IC	7032V-DPR108-MLPX-V1.00, EPLD
IC131	8-759-533-99	o IC	7032V-DPR108-MLPX-V1.00, EPLD
IC132	8-759-054-61	s IC	CLC505AJE
IC133	8-759-386-29	s IC	74LCX574SJX
IC134	8-759-386-31	s IC	74LCX244SJX
IC135	8-752-337-04	s IC	CXD1176Q
IC138	8-759-196-73	s IC	UPD485505G-25
IC139	8-759-386-22	s IC	74LCX04SJX
IC140	8-759-386-29	s IC	74LCX574SJX
IC142	8-759-386-27	s IC	74LCX04MTCX
IC143	8-759-421-88	s IC	SN74LVC821APW-E05
IC144	8-759-421-88	s IC	SN74LVC821APW-E05
IC145	8-759-906-53	s IC	TL062CPS
IC146	8-759-906-53	s IC	TL062CPS
IC147	8-759-386-31	s IC	74LCX244SJX
IC148	8-759-386-29	s IC	74LCX574SJX
IC149	8-759-386-33	s IC	74LCX240SJX
IC150	8-759-421-88	s IC	SN74LVC821APW-E05
IC151	8-759-386-29	s IC	74LCX574SJX
IC152	8-759-386-31	s IC	74LCX244SJX
IC154	8-759-386-29	s IC	74LCX574SJX
IC155	8-759-470-39	o IC	27C512R-DPR77-CB-V1.00, EEPROM

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Ref. No. or Q'ty	Part No.	SP	Description
IC156	8-759-196-73	s IC	UPD485505G-25
IC157	8-759-196-73	s IC	UPD485505G-25
IC158	8-759-196-73	s IC	UPD485505G-25
IC159	8-759-196-73	s IC	UPD485505G-25
IC160	8-759-386-29	s IC	74LCX574SJX
IC161	8-759-386-29	s IC	74LCX574SJX
IC162	8-759-386-29	s IC	74LCX574SJX
IC163	8-759-386-29	s IC	74LCX574SJX
IC164	8-759-069-36	s IC	MC74HC4046AF
IC165	8-759-069-36	s IC	MC74HC4046AF
IC166	8-759-260-55	s IC	TLC272CPW-E05
IC167	8-759-260-55	s IC	TLC272CPW-E05
IC168	8-759-533-98	o IC	27C512R-DPR108-AU-V2.00, EEPROM
IC169	8-759-470-38	o IC	7032V-DPR77-AU-V1.00, EPLD
IC170	--PENDING--	o IC	EPF8282ALC84-4, PLD, BLANK
IC171	8-759-470-43	o IC	7128-DPR77-AUDA-V1.00, EPLD
IC172	8-759-252-59	s IC	MAX202CSE
IC173	8-759-062-88	s IC	CXD8277Q
IC174	8-759-061-67	s IC	MC34051M
IC175	8-759-927-15	s IC	SN74HCT245NS
IC176	8-759-927-15	s IC	SN74HCT245NS
IC177	8-759-081-44	s IC	TC74VHC04F
IC178	8-759-086-41	s IC	X24C02S-3.0
IC179	8-759-926-49	s IC	SN74HC245NS
IC180	8-759-926-48	s IC	SN74HC244NS
IC181	8-759-926-48	s IC	SN74HC244NS
IC182	8-759-196-96	s IC	TC7SH08FU-TE85R
IC183	8-759-196-97	s IC	TC7SH32FU-TE85R
IC184	8-759-196-97	s IC	TC7SH32FU-TE85R
IC185	8-759-196-96	s IC	TC7SH08FU-TE85R
IC186	8-759-472-18	s IC	74VHC138MTCX
IC187	8-759-472-18	s IC	74VHC138MTCX
IC188	8-759-182-95	s IC	HD151015T
IC189	8-759-386-31	s IC	74LCX244SJX
IC190	8-759-472-18	s IC	74VHC138MTCX
IC191	8-759-154-60	s IC	UPD71055GB-10-3B4
IC192	8-759-154-60	s IC	UPD71055GB-10-3B4
IC193	8-759-154-60	s IC	UPD71055GB-10-3B4
IC194	8-759-154-60	s IC	UPD71055GB-10-3B4
IC195	8-759-154-60	s IC	UPD71055GB-10-3B4
IC196	8-759-386-31	s IC	74LCX244SJX
IC197	8-759-154-60	s IC	UPD71055GB-10-3B4
IC198	8-759-386-31	s IC	74LCX244SJX
IC199	8-759-386-31	s IC	74LCX244SJX
IC200	8-759-386-31	s IC	74LCX244SJX
IC201	8-759-926-48	s IC	SN74HC244NS
IS39	1-540-252-11	s SOCKET, IC	(PLCC)
IS40	1-540-252-11	s SOCKET, IC	(PLCC)
IS43	1-540-254-11	o SOCKET, IC	(PLCC)
IS44	1-540-254-11	o SOCKET, IC	(PLCC)
IS52	1-540-254-11	o SOCKET, IC	(PLCC)
IS70	1-540-252-11	s SOCKET, IC	(PLCC)
IS130	1-540-254-11	o SOCKET, IC	(PLCC)
IS131	1-540-254-11	o SOCKET, IC	(PLCC)
IS137	1-540-252-11	s SOCKET, IC	(PLCC)
IS153	1-540-252-11	s SOCKET, IC	(PLCC)
IS155	1-540-151-11	s SOCKET, IC	
IS168	1-540-151-11	s SOCKET, IC	

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Ref. No. or Q'ty	Part No.	SP Description
IS169	1-540-254-11	o SOCKET, IC (PLCC)
IS170	1-540-252-11	s SOCKET, IC (PLCC)
L3	1-412-030-11	s INDUCTOR CHIP 22uH
L4	1-412-030-11	s INDUCTOR CHIP 22uH
L5	1-412-030-11	s INDUCTOR CHIP 22uH
L6	1-412-030-11	s INDUCTOR CHIP 22uH
L7	1-412-030-11	s INDUCTOR CHIP 22uH
L8	1-412-030-11	s INDUCTOR CHIP 22uH
L9	1-412-030-11	s INDUCTOR CHIP 22uH
L10	1-412-030-11	s INDUCTOR CHIP 22uH
L11	1-409-914-11	s INDUCTOR 0uH
L12	1-409-914-11	s INDUCTOR 0uH
L13	1-412-030-11	s INDUCTOR CHIP 22uH
L14	1-412-030-11	s INDUCTOR CHIP 22uH
L15	1-412-029-11	s INDUCTOR CHIP 10uH
L16	1-412-029-11	s INDUCTOR CHIP 10uH
L17	1-412-029-11	s INDUCTOR CHIP 10uH
Q1	8-729-320-17	s TRANSISTOR 2SA1122CD
Q2	8-729-320-17	s TRANSISTOR 2SA1122CD
Q3	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q4	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q5	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q6	8-729-216-22	s TRANSISTOR 2SA1162
Q7	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q8	8-729-032-74	s TRANSISTOR 2SA1615-Z-K
Q9	8-729-032-74	s TRANSISTOR 2SA1615-Z-K
Q10	8-729-032-74	s TRANSISTOR 2SA1615-Z-K
Q11	8-729-032-74	s TRANSISTOR 2SA1615-Z-K
Q12	8-729-820-90	s TRANSISTOR 2SD1621-ST
Q13	8-729-820-90	s TRANSISTOR 2SD1621-ST
Q14	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q15	8-729-216-22	s TRANSISTOR 2SA1162
Q16	8-729-032-74	s TRANSISTOR 2SA1615-Z-K
Q17	8-729-807-51	s TRANSISTOR 2SD1623-S
Q18	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q19	8-729-216-22	s TRANSISTOR 2SA1162
Q20	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q21	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q22	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q23	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q24	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q25	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q26	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q27	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q28	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q29	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q30	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q31	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q32	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q33	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q34	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q35	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q36	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q37	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q38	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q39	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q40	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q41	8-729-120-28	s TRANSISTOR 2SC1623-L5L6

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Ref. No. or Q'ty	Part No.	SP Description
Q42	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q43	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q44	8-729-216-22	s TRANSISTOR 2SA1162
Q45	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
R1	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R2	1-216-298-00	s METAL 2.2 5% 1/10W
R3	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R4	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R5	1-216-295-91	s RES, CHIP 0
R6	1-216-298-00	s METAL 2.2 5% 1/10W
R7	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R8	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R9	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R13	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R14	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R15	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R16	1-216-298-00	s METAL 2.2 5% 1/10W
R17	1-216-298-00	s METAL 2.2 5% 1/10W
R19	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R20	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R21	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R22	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R23	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R24	1-216-298-00	s METAL 2.2 5% 1/10W
R25	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R26	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R27	1-216-298-00	s METAL 2.2 5% 1/10W
R28	1-216-298-00	s METAL 2.2 5% 1/10W
R29	1-216-298-00	s METAL 2.2 5% 1/10W
R31	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R34	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R35	1-216-298-00	s METAL 2.2 5% 1/10W
R36	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R37	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R38	1-216-298-00	s METAL 2.2 5% 1/10W
R39	1-216-298-00	s METAL 2.2 5% 1/10W
R40	1-216-298-00	s METAL 2.2 5% 1/10W
R41	1-216-298-00	s METAL 2.2 5% 1/10W
R42	1-216-298-00	s METAL 2.2 5% 1/10W
R43	1-216-298-00	s METAL 2.2 5% 1/10W
R44	1-216-298-00	s METAL 2.2 5% 1/10W
R45	1-216-298-00	s METAL 2.2 5% 1/10W
R46	1-216-298-00	s METAL 2.2 5% 1/10W
R47	1-216-298-00	s METAL 2.2 5% 1/10W
R48	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R49	1-216-298-00	s METAL 2.2 5% 1/10W
R50	1-216-298-00	s METAL 2.2 5% 1/10W
R51	1-216-298-00	s METAL 2.2 5% 1/10W
R52	1-216-298-00	s METAL 2.2 5% 1/10W
R53	1-216-298-00	s METAL 2.2 5% 1/10W
R54	1-216-298-00	s METAL 2.2 5% 1/10W
R55	1-216-298-00	s METAL 2.2 5% 1/10W
R56	1-216-298-00	s METAL 2.2 5% 1/10W
R57	1-216-298-00	s METAL 2.2 5% 1/10W
R58	1-216-298-00	s METAL 2.2 5% 1/10W
R59	1-216-298-00	s METAL 2.2 5% 1/10W
R60	1-216-298-00	s METAL 2.2 5% 1/10W
R61	1-216-298-00	s METAL 2.2 5% 1/10W
R62	1-216-298-00	s METAL 2.2 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R63	1-216-298-00	s METAL 2.2 5% 1/10W
R64	1-216-298-00	s METAL 2.2 5% 1/10W
R65	1-216-298-00	s METAL 2.2 5% 1/10W
R66	1-216-298-00	s METAL 2.2 5% 1/10W
R67	1-216-298-00	s METAL 2.2 5% 1/10W
R68	1-216-298-00	s METAL 2.2 5% 1/10W
R69	1-216-298-00	s METAL 2.2 5% 1/10W
R70	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R71	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R72	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R73	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R74	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R75	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R76	1-216-298-00	s METAL 2.2 5% 1/10W
R77	1-216-298-00	s METAL 2.2 5% 1/10W
R78	1-216-298-00	s METAL 2.2 5% 1/10W
R79	1-216-298-00	s METAL 2.2 5% 1/10W
R80	1-216-298-00	s METAL 2.2 5% 1/10W
R81	1-216-298-00	s METAL 2.2 5% 1/10W
R82	1-216-298-00	s METAL 2.2 5% 1/10W
R83	1-216-298-00	s METAL 2.2 5% 1/10W
R84	1-216-298-00	s METAL 2.2 5% 1/10W
R85	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R86	1-216-298-00	s METAL 2.2 5% 1/10W
R87	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R88	1-216-295-91	s RES, CHIP 0
R89	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R90	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R91	1-216-295-91	s RES, CHIP 0
R92	1-216-298-00	s METAL 2.2 5% 1/10W
R94	1-216-298-00	s METAL 2.2 5% 1/10W
R95	1-216-298-00	s METAL 2.2 5% 1/10W
R96	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R97	1-216-295-91	s RES, CHIP 0
R98	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R99	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R100	1-216-298-00	s METAL 2.2 5% 1/10W
R101	1-216-298-00	s METAL 2.2 5% 1/10W
R102	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R103	1-216-298-00	s METAL 2.2 5% 1/10W
R104	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R105	1-216-295-91	s RES, CHIP 0
R106	1-216-295-91	s RES, CHIP 0
R107	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R108	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R111	1-216-298-00	s METAL 2.2 5% 1/10W
R112	1-216-298-00	s METAL 2.2 5% 1/10W
R113	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R114	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R115	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R116	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R117	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R118	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R120	1-216-298-00	s METAL 2.2 5% 1/10W
R121	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R122	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R124	1-216-295-91	s RES, CHIP 0
R125	1-216-295-91	s RES, CHIP 0
R127	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R128	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R129	1-216-298-00	s METAL 2.2 5% 1/10W
R130	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R131	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R132	1-216-298-00	s METAL 2.2 5% 1/10W
R133	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R134	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R135	1-216-298-00	s METAL 2.2 5% 1/10W
R136	1-216-298-00	s METAL 2.2 5% 1/10W
R137	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R138	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R139	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R140	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R141	1-216-298-00	s METAL 2.2 5% 1/10W
R142	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R143	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R144	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R145	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R146	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R147	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R148	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R149	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R150	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R151	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R152	1-216-298-00	s METAL 2.2 5% 1/10W
R153	1-216-298-00	s METAL 2.2 5% 1/10W
R154	1-218-768-11	s METAL 470K 0.5% 1/10W
R155	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R156	1-216-298-00	s METAL 2.2 5% 1/10W
R157	1-216-298-00	s METAL 2.2 5% 1/10W
R158	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R159	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R160	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R161	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R162	1-216-693-11	s METAL, CHIP 56K 0.5% 1/10W
R163	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R164	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R165	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R166	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R167	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R168	1-216-298-00	s METAL 2.2 5% 1/10W
R169	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R170	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R171	1-216-298-00	s METAL 2.2 5% 1/10W
R172	1-216-298-00	s METAL 2.2 5% 1/10W
R173	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R174	1-216-298-00	s METAL 2.2 5% 1/10W
R176	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R177	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R178	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R179	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R180	1-216-298-00	s METAL 2.2 5% 1/10W
R181	1-216-298-00	s METAL 2.2 5% 1/10W
R182	1-216-298-00	s METAL 2.2 5% 1/10W
R183	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R184	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R185	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R186	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R187	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R188	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R189	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R190	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R191	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R192	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R193	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R194	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R195	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R196	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R197	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R198	1-216-617-11	s METAL, CHIP 39 0.50% 1/10W
R199	1-216-617-11	s METAL, CHIP 39 0.50% 1/10W
R200	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R201	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R202	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R203	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R204	1-218-764-11	s METAL, CHIP 330K 0.5% 1/10W
R205	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R206	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R207	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R208	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R209	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R210	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R211	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R212	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R213	1-216-295-91	s RES, CHIP 0
R214	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R215	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R216	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R217	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R218	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R219	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R220	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R221	1-216-295-91	s RES, CHIP 0
R222	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R223	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R224	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R225	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R226	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R227	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R228	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R229	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R230	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R231	1-216-681-11	s METAL, CHIP 18K 0.5% 1/10W
R232	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R233	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R234	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R235	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R236	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R237	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R238	1-216-693-11	s METAL, CHIP 56K 0.5% 1/10W
R239	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R240	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R241	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R242	1-216-295-91	s RES, CHIP 0
R243	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R244	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R245	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R246	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R247	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R248	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R249	1-216-298-00	s METAL 2.2 5% 1/10W
R250	1-216-295-91	s RES, CHIP 0
R252	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R253	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R254	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R255	1-216-295-91	s RES, CHIP 0
R257	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R258	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R259	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R260	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R261	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R262	1-216-298-00	s METAL 2.2 5% 1/10W
R263	1-216-298-00	s METAL 2.2 5% 1/10W
R264	1-216-298-00	s METAL 2.2 5% 1/10W
R265	1-216-298-00	s METAL 2.2 5% 1/10W
R266	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R267	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R268	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R269	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R270	1-216-298-00	s METAL 2.2 5% 1/10W
R271	1-216-298-00	s METAL 2.2 5% 1/10W
R272	1-216-298-00	s METAL 2.2 5% 1/10W
R273	1-216-295-91	s RES, CHIP 0
R274	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R275	1-216-298-00	s METAL 2.2 5% 1/10W
R276	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R277	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R278	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R279	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R280	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R282	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R283	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R286	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R287	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R289	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R290	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R291	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R292	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R293	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R294	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R295	1-216-295-91	s RES, CHIP 0
R296	1-216-295-91	s RES, CHIP 0
R297	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R298	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R299	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R300	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R301	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R302	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R303	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R304	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R305	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R306	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R307	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R308	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R309	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R310	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R311	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R312	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R313	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R314	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R315	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R316	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R317	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R318	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R319	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R320	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W
R321	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W
R322	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W
R323	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R324	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R325	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R326	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R327	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R328	1-216-675-11 s	METAL, CHIP 10K 0.5% 1/10W
R329	1-216-675-11 s	METAL, CHIP 10K 0.5% 1/10W
R330	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R331	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R332	1-216-649-11 s	METAL, CHIP 820 0.5% 1/10W
R333	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R334	1-216-643-11 s	METAL, CHIP 470 0.5% 1/10W
R335	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R336	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R337	1-216-615-11 s	METAL, CHIP 33 0.5% 1/10W
R338	1-216-308-00 s	METAL, CHIP 4.7 5% 1/10W
R339	1-216-308-00 s	METAL, CHIP 4.7 5% 1/10W
R340	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R341	1-218-760-11 s	METAL, CHIP 220K 0.5% 1/10W
R342	1-216-295-91 s	RES, CHIP 0
R343	1-216-675-11 s	METAL, CHIP 10K 0.5% 1/10W
R344	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R345	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R346	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R347	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R348	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R349	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R350	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R351	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R352	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R353	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R354	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R355	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R356	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R357	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R358	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R359	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R360	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R361	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R362	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R363	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R364	1-216-670-11 s	METAL, CHIP 6.2K 0.5% 1/10W
R365	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R366	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R367	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R368	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R369	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R370	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R371	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R372	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R373	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R374	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R375	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R376	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R377	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R378	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R379	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R380	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R381	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R382	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R383	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R384	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R385	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R386	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R387	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R388	1-216-645-11 s	METAL, CHIP 560 0.5% 1/10W
R389	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R390	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R391	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R392	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R393	1-216-645-11 s	METAL, CHIP 560 0.5% 1/10W
R394	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R395	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R396	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R397	1-216-645-11 s	METAL, CHIP 560 0.5% 1/10W
R398	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R399	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R400	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R401	1-216-645-11 s	METAL, CHIP 560 0.5% 1/10W
R402	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R403	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R404	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R405	1-216-645-11 s	METAL, CHIP 560 0.5% 1/10W
R406	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R407	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R408	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R409	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R410	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R411	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R412	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R413	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R414	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R415	1-216-645-11 s	METAL, CHIP 560 0.5% 1/10W
R416	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R417	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R418	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R419	1-216-645-11 s	METAL, CHIP 560 0.5% 1/10W
R420	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R421	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R422	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R423	1-216-691-11 s	METAL, CHIP 47K 0.5% 1/10W
R424	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R425	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R426	1-216-683-11 s	METAL, CHIP 22K 0.5% 1/10W
R427	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R428	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R429	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
RB6	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB7	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB8	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB9	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB10	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB11	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB12	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB13	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB14	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB15	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB16	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB17	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB18	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB19	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB20	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB21	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB22	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB23	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB24	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB25	1-239-310-11	s	RES, ARRAY CHIP 220K
RB26	1-239-310-11	s	RES, ARRAY CHIP 220K
RB27	1-239-310-11	s	RES, ARRAY CHIP 220K
RB28	1-239-310-11	s	RES, ARRAY CHIP 220K
RB30	1-239-310-11	s	RES, ARRAY CHIP 220K
RB31	1-239-310-11	s	RES, ARRAY CHIP 220K
RB32	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB33	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB34	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB35	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB36	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB37	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB38	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB39	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB40	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB41	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB42	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB43	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB44	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB45	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB46	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB47	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB48	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB49	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB50	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB51	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB52	1-239-409-11	s	RES, NETWORK CHIP 47X4
RB53	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB54	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB55	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB56	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB57	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB58	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB59	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB60	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB61	1-233-600-11	s	RES, NETWORK CHIP 2.2X4
RB62	1-239-310-11	s	RES, ARRAY CHIP 220K
RB63	1-239-310-11	s	RES, ARRAY CHIP 220K
RB64	1-239-412-11	s	RES, NETWORK CHIP 100X4
RB65	1-239-412-11	s	RES, NETWORK CHIP 100X4

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Ref. No. or Q'ty	Part No.	SP Description
RB66	1-239-412-11	s RES, NETWORK CHIP 100X4
RB67	1-239-412-11	s RES, NETWORK CHIP 100X4
RB68	1-239-308-11	s RESISTOR BLOCK, CHIP 47kx8
RB69	1-239-308-11	s RESISTOR BLOCK, CHIP 47kx8
RB70	1-233-936-11	s RES, NETWORK CHIP 10X4
RB71	1-233-936-11	s RES, NETWORK CHIP 10X4
RB72	1-233-936-11	s RES, NETWORK CHIP 10X4
RB73	1-233-936-11	s RES, NETWORK CHIP 10X4
RB74	1-233-936-11	s RES, NETWORK CHIP 10X4
RB75	1-233-936-11	s RES, NETWORK CHIP 10X4
RB76	1-233-936-11	s RES, NETWORK CHIP 10X4
RB77	1-233-936-11	s RES, NETWORK CHIP 10X4
RB78	1-233-936-11	s RES, NETWORK CHIP 10X4
RB79	1-233-936-11	s RES, NETWORK CHIP 10X4
RB80	1-233-936-11	s RES, NETWORK CHIP 10X4
RB81	1-233-936-11	s RES, NETWORK CHIP 10X4
RB82	1-239-308-11	s RESISTOR BLOCK, CHIP 47kx8
RB83	1-239-308-11	s RESISTOR BLOCK, CHIP 47kx8
RB84	1-239-308-11	s RESISTOR BLOCK, CHIP 47kx8
RB85	1-239-308-11	s RESISTOR BLOCK, CHIP 47kx8
RV1	1-237-032-11	s RES, ADJ METAL 500
RV2	1-237-032-11	s RES, ADJ METAL 500
RV3	1-237-032-11	s RES, ADJ METAL 500
S3	1-692-271-31	s SWITCH, SLIDE
S4	1-692-271-31	s SWITCH, SLIDE
S5	1-570-711-11	s SWITCH, SLIDE
S6	1-570-711-11	s SWITCH, SLIDE
S7	1-570-711-11	s SWITCH, SLIDE
S8	1-570-711-11	s SWITCH, SLIDE
T1	1-437-194-21	s TRANSFORMER, PULSE

MB-670 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8273-355-A	o MOUNTED CIRCUIT BOARD, MB-670
51pcs	1-764-694-11	o CONNECTOR, BOARD TO BOARD 24P, MALE
C1	1-161-051-00	s CERAMIC 0.01uF 10% 50V
CN1	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN2	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN3	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN4	1-764-688-11	o CONNECTOR, BOARD TO BOARD 24P, MALE
CN5	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN6	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN7	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN8	1-764-688-11	o CONNECTOR, BOARD TO BOARD 24P, MALE
CN9	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN10	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN11	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN12	1-764-688-11	o CONNECTOR, BOARD TO BOARD 24P, MALE
CN13	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN14	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN15	1-764-693-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN16	1-764-692-11	o CONNECTOR, BOARD TO BOARD 96P, MALE
CN17	1-566-444-11	o CONNECTOR, D-SUB 50P, MALE
CN19	1-580-532-11	o CONNECTOR, 6P, MALE
CN20	1-691-291-11	o CONNECTOR, 5P, MALE
CN21	1-564-704-11	s PIN HEADER, STRAIGHT 2P
CN22	1-580-533-11	o CONNECTOR, 8P, MALE
CN23	1-564-505-11	s CONNECTOR, 2P, MALE
CN24	1-506-469-11	s CONNECTOR 4P, MALE
CN25	1-564-505-11	s CONNECTOR, 2P, MALE
CN31	1-778-022-11	o CONNECTOR, BOARD TO BOARD 24P, MALE
CN32	1-778-022-11	o CONNECTOR, BOARD TO BOARD 24P, MALE
CN33	1-778-022-11	o CONNECTOR, BOARD TO BOARD 24P, MALE
CN34	1-764-690-11	o CONNECTOR, BOARD TO BOARD 48P, MALE
CN35	1-764-690-11	o CONNECTOR, BOARD TO BOARD 48P, MALE
CN36	1-764-690-11	o CONNECTOR, BOARD TO BOARD 48P, MALE
IC1	8-759-086-41	s IC X24C02S-3.0
R1	1-247-791-91	s CARBON 22 5% 1/4W
R2	1-249-441-11	s CARBON 100K 5% 1/4W
R3	1-249-441-11	s CARBON 100K 5% 1/4W
R4	1-247-791-91	s CARBON 22 5% 1/4W
R5	1-247-791-91	s CARBON 22 5% 1/4W
R6	1-249-431-11	s CARBON 15K 5% 1/4W

PS-414 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8273-354-A	o MOUNTED CIRCUIT BOARD, PS-414
8pcs	3-621-124-00	o SPACER
C1	1-104-851-11	s TANTALUM 10uF 20% 10V
C2	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C3	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C4	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C5	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C6	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C7	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C8	1-128-526-11	s ELECT 100uF 20% 16V
C9	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C10	1-135-145-11	s TANTALUM, CHIP 0.47uF 10% 35V
C11	1-107-877-11	s ELECT 1000uF 20% 10V
C12	1-107-877-11	s ELECT 1000uF 20% 10V
C13	1-107-877-11	s ELECT 1000uF 20% 10V
C14	1-107-877-11	s ELECT 1000uF 20% 10V
C15	1-107-877-11	s ELECT 1000uF 20% 10V
C16	1-107-877-11	s ELECT 1000uF 20% 10V
C17	1-107-877-11	s ELECT 1000uF 20% 10V
C18	1-107-877-11	s ELECT 1000uF 20% 10V
C19	1-107-877-11	s ELECT 1000uF 20% 10V
C20	1-107-877-11	s ELECT 1000uF 20% 10V
C21	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C22	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C23	1-107-877-11	s ELECT 1000uF 20% 10V
C24	1-107-877-11	s ELECT 1000uF 20% 10V
C25	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C26	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C27	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C28	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C29	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C30	1-135-215-21	s TANTALUM, CHIP 6.8uF 10% 16V
C31	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C32	1-135-215-21	s TANTALUM, CHIP 6.8uF 10% 16V
C33	1-135-215-21	s TANTALUM, CHIP 6.8uF 10% 16V
C34	1-163-038-91	s CERAMIC 0.1uF 25V
C35	1-135-076-21	s TANTALUM, CHIP 1uF 10% 35V
CN1	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN2	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN3	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN4	1-580-566-11	o CONNECTOR, 22P, MALE
CN5	1-580-557-11	o CONNECTOR, 4P, MALE
CN6	1-580-557-11	o CONNECTOR, 4P, MALE
CN7	1-580-557-11	o CONNECTOR, 4P, MALE
CN8	1-580-557-11	o CONNECTOR, 4P, MALE
CN9	1-580-557-11	o CONNECTOR, 4P, MALE
CN10	1-580-557-11	o CONNECTOR, 4P, MALE
CN11	1-580-564-11	o CONNECTOR, 18P, MALE
CN12	1-580-563-11	o CONNECTOR LY 16P, MALE
CN13	1-580-560-11	o CONNECTOR, 10P, MALE
CN14	1-506-481-21	o CONNECTOR 2P, MALE
D1	8-759-274-67	s IC LM4040BIM3-5.0
D2	8-719-981-38	s DIODE ERC62M-004
D3	8-719-981-38	s DIODE ERC62M-004
D4	8-719-800-76	s DIODE 1SS226
D5	8-719-800-76	s DIODE 1SS226
D8	8-759-185-42	s IC LM4040AIM3-2.5

(PS-414 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
E1	1-535-881-21	o TERMINAL, TP
FL1	1-239-896-11	s FILTER, EMI (SMD)
FL2	1-239-896-11	s FILTER, EMI (SMD)
FL3	1-239-896-11	s FILTER, EMI (SMD)
FL4	1-239-896-11	s FILTER, EMI (SMD)
FL5	1-239-896-11	s FILTER, EMI (SMD)
FL6	1-239-896-11	s FILTER, EMI (SMD)
FL7	1-239-896-11	s FILTER, EMI (SMD)
FL8	1-239-896-11	s FILTER, EMI (SMD)
FL9	1-239-896-11	s FILTER, EMI (SMD)
FL10	1-239-896-11	s FILTER, EMI (SMD)
FL51	1-239-896-11	s FILTER, EMI (SMD)
FL52	1-239-896-11	s FILTER, EMI (SMD)
FL53	1-239-896-11	s FILTER, EMI (SMD)
FL54	1-239-896-11	s FILTER, EMI (SMD)
FL55	1-239-896-11	s FILTER, EMI (SMD)
FL56	1-239-896-11	s FILTER, EMI (SMD)
IC1	8-759-937-36	s IC TL1451ACNS
L1	1-408-549-00	s INDUCTOR 150uH
L2	1-408-549-00	s INDUCTOR 150uH
L3	1-403-684-11	s INDUCTOR 0uH
L4	1-403-684-11	s INDUCTOR 0uH
L5	1-409-914-11	s INDUCTOR 0uH
L6	1-409-914-11	s INDUCTOR 0uH
L7	1-412-010-41	s INDUCTOR CHIP 22uH
L8	1-412-010-41	s INDUCTOR CHIP 22uH
Q1	8-729-216-22	s TRANSISTOR 2SA1162
Q2	8-729-216-22	s TRANSISTOR 2SA1162
Q3	8-729-206-05	s TRANSISTOR 2SA1328-O
Q4	8-729-206-08	s TRANSISTOR 2SC3346-O
Q5	8-729-206-05	s TRANSISTOR 2SA1328-O
Q6	8-729-206-08	s TRANSISTOR 2SC3346-O
Q7	8-729-216-22	s TRANSISTOR 2SA1162
Q8	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q9	8-729-216-22	s TRANSISTOR 2SA1162
Q10	8-729-216-22	s TRANSISTOR 2SA1162
R1	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R2	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R3	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R4	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R5	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R6	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R7	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R8	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R9	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R10	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R11	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R12	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R13	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R14	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R15	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R16	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R17	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R18	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R19	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R20	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R21	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R22	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R23	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R24	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R25	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R26	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R27	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R28	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R29	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R30	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R31	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R32	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R33	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R34	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R35	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R36	1-218-760-11	s METAL, CHIP 220K 0.5% 1/10W
R37	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R38	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R39	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R40	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R41	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R42	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R43	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R44	1-216-295-91	s RES, CHIP 0
R45	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W

RC-70 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8318-499-A	o MOUNTED CIRCUIT BOARD, RC-70
2pcs	1-533-223-11	s HOLDER, FUSE
2pcs	3-621-124-00	o SPACER
9pcs	7-682-903-11	s SCREW +PWH 3X6
1pc	3-613-306-01	o PC BOARD PANEL RC
1pc	3-681-020-01	o PC SHIELD PLATE
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 PIN, SPRING 3X8
C1	1-104-851-11	s TANTALUM 10uF 20% 10V
C2	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C3	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C4	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C5	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C6	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C7	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C8	1-164-695-11	s CERAMIC 0.0022uF 5% 50V
C9	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C10	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C11	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C12	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C13	1-107-877-11	s ELECT 1000uF 20% 10V
C14	1-107-877-11	s ELECT 1000uF 20% 10V
C15	1-135-211-11	s TANTALUM, CHIP 6.8uF 20% 6.3V
C16	1-135-145-11	s TANTALUM, CHIP 0.47uF 10% 35V
C17	1-107-877-11	s ELECT 1000uF 20% 10V
C18	1-107-877-11	s ELECT 1000uF 20% 10V
C19	1-107-877-11	s ELECT 1000uF 20% 10V
C20	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C21	1-107-877-11	s ELECT 1000uF 20% 10V
C22	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C23	1-163-038-91	s CERAMIC 0.1uF 25V
C24	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C25	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C26	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C27	1-107-877-11	s ELECT 1000uF 20% 10V
C28	1-163-038-91	s CERAMIC 0.1uF 25V
C29	1-163-038-91	s CERAMIC 0.1uF 25V
C30	1-107-877-11	s ELECT 1000uF 20% 10V
C31	1-163-038-91	s CERAMIC 0.1uF 25V
C32	1-163-038-91	s CERAMIC 0.1uF 25V
C33	1-163-038-91	s CERAMIC 0.1uF 25V
C34	1-163-038-91	s CERAMIC 0.1uF 25V
C35	1-163-038-91	s CERAMIC 0.1uF 25V
C36	1-163-038-91	s CERAMIC 0.1uF 25V
C37	1-163-038-91	s CERAMIC 0.1uF 25V
C38	1-163-038-91	s CERAMIC 0.1uF 25V
C39	1-163-038-91	s CERAMIC 0.1uF 25V
C40	1-163-038-91	s CERAMIC 0.1uF 25V
C41	1-163-038-91	s CERAMIC 0.1uF 25V
C42	1-163-038-91	s CERAMIC 0.1uF 25V
C43	1-163-038-91	s CERAMIC 0.1uF 25V
C44	1-163-038-91	s CERAMIC 0.1uF 25V
C45	1-163-038-91	s CERAMIC 0.1uF 25V
C46	1-163-038-91	s CERAMIC 0.1uF 25V
C47	1-163-038-91	s CERAMIC 0.1uF 25V
C48	1-163-038-91	s CERAMIC 0.1uF 25V
C49	1-163-038-91	s CERAMIC 0.1uF 25V
C50	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V

(RC-70 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C51	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C52	1-163-038-91	s CERAMIC 0.1uF 25V
C53	1-163-038-91	s CERAMIC 0.1uF 25V
C54	1-163-038-91	s CERAMIC 0.1uF 25V
C55	1-163-038-91	s CERAMIC 0.1uF 25V
C56	1-163-038-91	s CERAMIC 0.1uF 25V
C57	1-163-038-91	s CERAMIC 0.1uF 25V
C58	1-163-038-91	s CERAMIC 0.1uF 25V
C59	1-163-038-91	s CERAMIC 0.1uF 25V
C60	1-163-038-91	s CERAMIC 0.1uF 25V
C62	1-163-038-91	s CERAMIC 0.1uF 25V
C63	1-163-038-91	s CERAMIC 0.1uF 25V
C64	1-163-038-91	s CERAMIC 0.1uF 25V
C65	1-163-038-91	s CERAMIC 0.1uF 25V
C66	1-104-851-11	s TANTALUM 10uF 20% 10V
C100	1-104-851-11	s TANTALUM 10uF 20% 10V
C101	1-104-851-11	s TANTALUM 10uF 20% 10V
C102	1-163-038-91	s CERAMIC 0.1uF 25V
C103	1-163-038-91	s CERAMIC 0.1uF 25V
C104	1-163-038-91	s CERAMIC 0.1uF 25V
C105	1-163-038-91	s CERAMIC 0.1uF 25V
C106	1-163-038-91	s CERAMIC 0.1uF 25V
C107	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C108	1-163-038-91	s CERAMIC 0.1uF 25V
C109	1-104-851-11	s TANTALUM 10uF 20% 10V
C110	1-163-038-91	s CERAMIC 0.1uF 25V
C111	1-104-851-11	s TANTALUM 10uF 20% 10V
C112	1-163-038-91	s CERAMIC 0.1uF 25V
C113	1-163-038-91	s CERAMIC 0.1uF 25V
C114	1-104-823-11	s TANTALUM 47uF 20% 16V
C115	1-163-038-91	s CERAMIC 0.1uF 25V
C116	1-104-914-11	s TANTALUM 22uF 20% 16V
C117	1-163-231-11	s CERAMIC 15PF 5% 50V
C118	1-163-038-91	s CERAMIC 0.1uF 25V
C119	1-163-038-91	s CERAMIC 0.1uF 25V
C120	1-107-689-21	s TANTALUM 1uF 20% 35V
C121	1-163-038-91	s CERAMIC 0.1uF 25V
C123	1-163-038-91	s CERAMIC 0.1uF 25V
C125	1-163-038-91	s CERAMIC 0.1uF 25V
C127	1-163-038-91	s CERAMIC 0.1uF 25V
C129	1-163-038-91	s CERAMIC 0.1uF 25V
C130	1-163-038-91	s CERAMIC 0.1uF 25V
C131	1-163-038-91	s CERAMIC 0.1uF 25V
C132	1-163-038-91	s CERAMIC 0.1uF 25V
C133	1-104-851-11	s TANTALUM 10uF 20% 10V
C134	1-163-038-91	s CERAMIC 0.1uF 25V
C135	1-104-851-11	s TANTALUM 10uF 20% 10V
C136	1-163-038-91	s CERAMIC 0.1uF 25V
C137	1-163-038-91	s CERAMIC 0.1uF 25V
C138	1-104-851-11	s TANTALUM 10uF 20% 10V
C139	1-163-038-91	s CERAMIC 0.1uF 25V
C140	1-163-038-91	s CERAMIC 0.1uF 25V
C142	1-163-038-91	s CERAMIC 0.1uF 25V
C143	1-163-038-91	s CERAMIC 0.1uF 25V
C145	1-163-038-91	s CERAMIC 0.1uF 25V
C146	1-163-038-91	s CERAMIC 0.1uF 25V
C147	1-163-038-91	s CERAMIC 0.1uF 25V
C148	1-163-038-91	s CERAMIC 0.1uF 25V
C149	1-163-038-91	s CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C150	1-163-038-91	s CERAMIC 0.1uF 25V
C151	1-163-038-91	s CERAMIC 0.1uF 25V
C152	1-163-038-91	s CERAMIC 0.1uF 25V
C200	1-163-038-91	s CERAMIC 0.1uF 25V
C201	1-163-038-91	s CERAMIC 0.1uF 25V
C202	1-163-038-91	s CERAMIC 0.1uF 25V
C203	1-163-038-91	s CERAMIC 0.1uF 25V
C204	1-163-038-91	s CERAMIC 0.1uF 25V
C205	1-163-038-91	s CERAMIC 0.1uF 25V
C206	1-163-038-91	s CERAMIC 0.1uF 25V
C207	1-163-038-91	s CERAMIC 0.1uF 25V
C208	1-163-038-91	s CERAMIC 0.1uF 25V
C209	1-163-038-91	s CERAMIC 0.1uF 25V
C210	1-163-038-91	s CERAMIC 0.1uF 25V
C211	1-163-038-91	s CERAMIC 0.1uF 25V
C213	1-104-851-11	s TANTALUM 10uF 20% 10V
C214	1-163-038-91	s CERAMIC 0.1uF 25V
C215	1-163-038-91	s CERAMIC 0.1uF 25V
C217	1-163-038-91	s CERAMIC 0.1uF 25V
C218	1-163-038-91	s CERAMIC 0.1uF 25V
C222	1-163-038-91	s CERAMIC 0.1uF 25V
C224	1-163-038-91	s CERAMIC 0.1uF 25V
C225	1-163-038-91	s CERAMIC 0.1uF 25V
C226	1-163-038-91	s CERAMIC 0.1uF 25V
C227	1-163-038-91	s CERAMIC 0.1uF 25V
C228	1-163-038-91	s CERAMIC 0.1uF 25V
C229	1-163-038-91	s CERAMIC 0.1uF 25V
C230	1-104-851-11	s TANTALUM 10uF 20% 10V
C231	1-104-851-11	s TANTALUM 10uF 20% 10V
C232	1-163-038-91	s CERAMIC 0.1uF 25V
C233	1-163-038-91	s CERAMIC 0.1uF 25V
C234	1-104-851-11	s TANTALUM 10uF 20% 10V
C235	1-163-038-91	s CERAMIC 0.1uF 25V
C236	1-163-038-91	s CERAMIC 0.1uF 25V
C237	1-163-038-91	s CERAMIC 0.1uF 25V
C238	1-163-038-91	s CERAMIC 0.1uF 25V
C239	1-163-038-91	s CERAMIC 0.1uF 25V
C240	1-163-038-91	s CERAMIC 0.1uF 25V
C241	1-163-038-91	s CERAMIC 0.1uF 25V
C242	1-163-038-91	s CERAMIC 0.1uF 25V
C243	1-163-038-91	s CERAMIC 0.1uF 25V
C250	1-163-038-91	s CERAMIC 0.1uF 25V
C251	1-163-038-91	s CERAMIC 0.1uF 25V
C252	1-163-038-91	s CERAMIC 0.1uF 25V
C253	1-163-038-91	s CERAMIC 0.1uF 25V
C254	1-163-038-91	s CERAMIC 0.1uF 25V
C255	1-163-038-91	s CERAMIC 0.1uF 25V
C256	1-163-038-91	s CERAMIC 0.1uF 25V
C257	1-163-038-91	s CERAMIC 0.1uF 25V
C258	1-163-038-91	s CERAMIC 0.1uF 25V
C259	1-163-038-91	s CERAMIC 0.1uF 25V
C260	1-163-038-91	s CERAMIC 0.1uF 25V
C261	1-163-038-91	s CERAMIC 0.1uF 25V
C300	1-163-038-91	s CERAMIC 0.1uF 25V
C308	1-163-038-91	s CERAMIC 0.1uF 25V
C309	1-163-038-91	s CERAMIC 0.1uF 25V
C310	1-163-038-91	s CERAMIC 0.1uF 25V
C311	1-163-038-91	s CERAMIC 0.1uF 25V
C312	1-163-038-91	s CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C543	1-163-038-91 s	CERAMIC 0.1uF 25V
C544	1-163-038-91 s	CERAMIC 0.1uF 25V
C545	1-163-038-91 s	CERAMIC 0.1uF 25V
C548	1-163-038-91 s	CERAMIC 0.1uF 25V
C549	1-163-038-91 s	CERAMIC 0.1uF 25V
C550	1-163-038-91 s	CERAMIC 0.1uF 25V
C551	1-163-038-91 s	CERAMIC 0.1uF 25V
C553	1-163-038-91 s	CERAMIC 0.1uF 25V
C554	1-163-038-91 s	CERAMIC 0.1uF 25V
C555	1-163-038-91 s	CERAMIC 0.1uF 25V
C556	1-163-038-91 s	CERAMIC 0.1uF 25V
C557	1-163-038-91 s	CERAMIC 0.1uF 25V
C558	1-163-038-91 s	CERAMIC 0.1uF 25V
C564	1-163-038-91 s	CERAMIC 0.1uF 25V
C565	1-163-038-91 s	CERAMIC 0.1uF 25V
C580	1-163-038-91 s	CERAMIC 0.1uF 25V
C581	1-163-038-91 s	CERAMIC 0.1uF 25V
C582	1-163-038-91 s	CERAMIC 0.1uF 25V
C583	1-163-038-91 s	CERAMIC 0.1uF 25V
C584	1-163-038-91 s	CERAMIC 0.1uF 25V
C585	1-163-038-91 s	CERAMIC 0.1uF 25V
C586	1-163-038-91 s	CERAMIC 0.1uF 25V
C587	1-163-038-91 s	CERAMIC 0.1uF 25V
C588	1-163-038-91 s	CERAMIC 0.1uF 25V
C602	1-163-038-91 s	CERAMIC 0.1uF 25V
C603	1-163-038-91 s	CERAMIC 0.1uF 25V
C604	1-163-038-91 s	CERAMIC 0.1uF 25V
C605	1-163-038-91 s	CERAMIC 0.1uF 25V
C606	1-163-038-91 s	CERAMIC 0.1uF 25V
C607	1-163-038-91 s	CERAMIC 0.1uF 25V
C608	1-163-038-91 s	CERAMIC 0.1uF 25V
C609	1-163-038-91 s	CERAMIC 0.1uF 25V
C610	1-163-038-91 s	CERAMIC 0.1uF 25V
C611	1-163-038-91 s	CERAMIC 0.1uF 25V
C612	1-163-038-91 s	CERAMIC 0.1uF 25V
C613	1-163-038-91 s	CERAMIC 0.1uF 25V
C615	1-163-038-91 s	CERAMIC 0.1uF 25V
C616	1-163-038-91 s	CERAMIC 0.1uF 25V
C617	1-163-038-91 s	CERAMIC 0.1uF 25V
C618	1-163-038-91 s	CERAMIC 0.1uF 25V
C619	1-163-038-91 s	CERAMIC 0.1uF 25V
C620	1-163-038-91 s	CERAMIC 0.1uF 25V
C622	1-163-038-91 s	CERAMIC 0.1uF 25V
C623	1-163-038-91 s	CERAMIC 0.1uF 25V
C624	1-163-038-91 s	CERAMIC 0.1uF 25V
C625	1-163-038-91 s	CERAMIC 0.1uF 25V
C626	1-163-038-91 s	CERAMIC 0.1uF 25V
C627	1-163-038-91 s	CERAMIC 0.1uF 25V
C630	1-163-038-91 s	CERAMIC 0.1uF 25V
C631	1-163-038-91 s	CERAMIC 0.1uF 25V
C634	1-163-038-91 s	CERAMIC 0.1uF 25V
C635	1-163-038-91 s	CERAMIC 0.1uF 25V
C636	1-163-038-91 s	CERAMIC 0.1uF 25V
C650	1-163-038-91 s	CERAMIC 0.1uF 25V
C651	1-163-038-91 s	CERAMIC 0.1uF 25V
C652	1-163-038-91 s	CERAMIC 0.1uF 25V
CN1	1-774-668-11 o	CONNECTOR, BOARD TO BOARD 96P
CN2	1-774-668-11 o	CONNECTOR, BOARD TO BOARD 96P

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Ref. No. or Q'ty	Part No.	SP Description
CN3	1-774-668-11 o	CONNECTOR, BOARD TO BOARD 96P
CN4	1-774-668-11 o	CONNECTOR, BOARD TO BOARD 96P
CN6	1-564-005-11 o	CONNECTOR 6P, MALE
D1	8-719-987-43 s	LED CL-150PG-CD, GRN
D2	8-719-987-43 s	LED CL-150PG-CD, GRN
D3	8-719-987-43 s	LED CL-150PG-CD, GRN
D4	8-759-185-42 s	IC LM4040AIM3-2.5
D5	8-719-981-38 s	DIODE ERC62M-004
D6	8-719-157-23 s	DIODE RD4.7M-B
D7	8-719-157-23 s	DIODE RD4.7M-B
D8	8-719-974-41 s	LED HLMP-6500-010, GRN
D9	8-719-974-41 s	LED HLMP-6500-010, GRN
D10	8-719-974-41 s	LED HLMP-6500-010, GRN
D11	8-719-974-41 s	LED HLMP-6500-010, GRN
D12	8-719-800-76 s	DIODE 1SS226
D13	8-719-987-43 s	LED CL-150PG-CD, GRN
D14	8-719-987-43 s	LED CL-150PG-CD, GRN
D15	8-719-987-43 s	LED CL-150PG-CD, GRN
D16	8-719-987-43 s	LED CL-150PG-CD, GRN
D17	8-719-987-43 s	LED CL-150PG-CD, GRN
D18	8-719-987-43 s	LED CL-150PG-CD, GRN
D19	8-719-987-43 s	LED CL-150PG-CD, GRN
D20	8-719-987-43 s	LED CL-150PG-CD, GRN
D21	8-719-104-34 s	DIODE 1S2835
D22	8-719-104-34 s	DIODE 1S2835
D23	8-719-104-34 s	DIODE 1S2835
D24	8-719-104-34 s	DIODE 1S2835
D25	8-719-104-34 s	DIODE 1S2835
D26	8-719-104-34 s	DIODE 1S2835
D27	8-719-104-34 s	DIODE 1S2835
D28	8-719-104-34 s	DIODE 1S2835
D29	8-719-800-76 s	DIODE 1SS226
D30	8-719-800-76 s	DIODE 1SS226
D31	8-719-800-76 s	DIODE 1SS226
D41	8-719-104-34 s	DIODE 1S2835
D42	8-719-104-34 s	DIODE 1S2835
D43	8-719-104-34 s	DIODE 1S2835
D44	8-719-104-34 s	DIODE 1S2835
D45	8-719-104-34 s	DIODE 1S2835
D46	8-719-104-34 s	DIODE 1S2835
D47	8-719-104-34 s	DIODE 1S2835
D48	8-719-104-34 s	DIODE 1S2835
D50	8-719-974-39 s	LED HLMP-6300-010, RED
D301	8-719-026-38 s	LED CL-150SR-CD-T, RED
D302	8-719-026-38 s	LED CL-150SR-CD-T, RED
D303	8-719-026-38 s	LED CL-150SR-CD-T, RED
D304	8-719-026-38 s	LED CL-150SR-CD-T, RED
D305	8-719-026-38 s	LED CL-150SR-CD-T, RED
D306	8-719-026-38 s	LED CL-150SR-CD-T, RED
D307	8-719-026-38 s	LED CL-150SR-CD-T, RED
E1	1-535-881-21 o	TERMINAL, TP
E2	1-535-881-21 o	TERMINAL, TP
E3	1-535-881-21 o	TERMINAL, TP
E4	1-535-881-21 o	TERMINAL, TP
E5	1-535-881-21 o	TERMINAL, TP
E6	1-535-881-21 o	TERMINAL, TP
F1	Δ 1-576-231-11 s	FUSE, TIME LAG 4A 250V

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Ref. No. or Q'ty	Part No.	SP Description
F2	Δ 1-533-817-21	s THEMISTOR, POSITIVE miniSMDC100-02
F3	Δ 1-533-817-21	s THEMISTOR, POSITIVE miniSMDC100-02
IC1	8-759-906-53	s IC TL062CPS
IC2	8-759-937-36	s IC TL1451ACNS
IC3	8-759-906-53	s IC TL062CPS
IC4	8-759-081-44	s IC TC74VHC04F
IC5	8-759-271-84	s IC TC7SH02FU
IC6	8-759-086-41	s IC X24C02S-3.0
IC7	8-759-186-63	s IC TC74VHC245F
IC8	8-759-186-63	s IC TC74VHC245F
IC9	8-759-196-97	s IC TC7SH32FU-TE85R
IC10	8-759-196-96	s IC TC7SH08FU-TE85R
IC11	8-759-186-47	s IC TC74VHC138F
IC12	8-759-186-47	s IC TC74VHC138F
IC13	8-759-154-60	s IC UPD71055GB-10-3B4
IC14	8-759-154-60	s IC UPD71055GB-10-3B4
IC15	8-759-154-60	s IC UPD71055GB-10-3B4
IC16	8-759-154-60	s IC UPD71055GB-10-3B4
IC17	8-759-154-60	s IC UPD71055GB-10-3B4
IC18	8-759-154-60	s IC UPD71055GB-10-3B4
IC19	8-759-472-65	s IC 74VHC574MTCX
IC20	8-759-472-65	s IC 74VHC574MTCX
IC21	8-759-271-84	s IC TC7SH02FU
IC22	8-759-082-57	s IC TC7W04FU
IC23	8-759-323-73	o IC HD6475328F10
IC24	8-759-472-65	s IC 74VHC574MTCX
IC25	8-759-154-60	s IC UPD71055GB-10-3B4
IC26	8-759-472-08	s IC 74VHC86MTCX
IC27	8-759-472-65	s IC 74VHC574MTCX
IC28	8-759-471-96	s IC 74VHC08MTCX
IC29	8-759-497-30	s IC LC35256DT-10-TLM
IC30	8-759-472-18	s IC 74VHC138MTCX
IC31	--PENDING---	o IC M27V201-200L6, EPROM, BLANK
IC33	8-759-182-95	s IC HD151015T
IC34	8-759-389-33	s IC 74LCX244MTCX
IC100	8-759-186-53	s IC TC74VHC163F
IC101	8-759-186-53	s IC TC74VHC163F
IC102	8-759-035-90	s IC TC7S02F
IC103	8-759-035-90	s IC TC7S02F
IC104	8-759-491-44	s IC TC74VHCT74AF(EL)
IC105	8-759-186-39	s IC TC74VHC74F
IC106	8-759-234-20	s IC TC7S08F
IC107	8-759-234-20	s IC TC7S08F
IC108	8-759-186-84	s IC TC74VHC86F
IC109	8-759-185-84	s IC TC74VHC161F(EL)
IC110	8-759-185-84	s IC TC74VHC161F(EL)
IC111	8-759-970-59	s IC TLC272CPS
IC112	8-759-195-02	s IC TC7S86F-TE85L
IC113	8-752-360-44	s IC CXK1203AR
IC114	8-759-185-84	s IC TC74VHC161F(EL)
IC115	8-759-082-57	s IC TC7W04FU
IC116	8-759-186-39	s IC TC74VHC74F
IC118	8-759-242-78	s IC TC7W02F
IC119	8-759-185-84	s IC TC74VHC161F(EL)
IC120	8-759-186-39	s IC TC74VHC74F
IC122	8-759-081-42	s IC TC74VHC00F
IC125	8-759-081-44	s IC TC74VHC04F
IC128	8-759-386-26	s IC 74LCX574MTCX

(RC-70 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC129	8-759-186-60	s IC TC74VHC240F
IC131	8-752-360-44	s IC CXK1203AR
IC132	8-752-360-44	s IC CXK1203AR
IC134	8-759-186-39	s IC TC74VHC74F
IC135	8-759-186-39	s IC TC74VHC74F
IC136	8-759-186-38	s IC TC74VHC32F
IC139	8-759-186-38	s IC TC74VHC32F
IC200	8-759-081-44	s IC TC74VHC04F
IC201	8-759-386-25	s IC 74LCX245MTCX
IC202	8-759-491-32	s IC TC74VHCT04AF(EL)
IC203	8-759-472-65	s IC 74VHC574MTCX
IC204	8-759-472-65	s IC 74VHC574MTCX
IC205	8-759-389-32	s IC 74LCX240MTCX
IC206	8-759-472-67	s IC 74VHCT574MTCX
IC207	8-759-472-67	s IC 74VHCT574MTCX
IC208	8-759-175-27	s IC TC74VHC574F
IC209	8-759-175-27	s IC TC74VHC574F
IC211	8-759-421-88	s IC SN74LVC821APW-E05
IC212	8-759-421-88	s IC SN74LVC821APW-E05
IC214	8-759-172-72	s IC CXD8386AQ
IC215	8-759-081-44	s IC TC74VHC04F
IC216	8-759-186-39	s IC TC74VHC74F
IC218	8-759-186-39	s IC TC74VHC74F
IC219	8-759-186-39	s IC TC74VHC74F
IC220	8-759-472-65	s IC 74VHC574MTCX
IC221	8-759-472-65	s IC 74VHC574MTCX
IC222	8-759-081-42	s IC TC74VHC00F
IC223	8-759-445-73	s IC M66256FP-E2
IC224	8-759-445-73	s IC M66256FP-E2
IC225	8-759-197-26	s IC CXD8352Q
IC226	8-759-081-44	s IC TC74VHC04F
IC227	8-759-472-67	s IC 74VHCT574MTCX
IC228	8-759-472-67	s IC 74VHCT574MTCX
IC229	8-759-195-02	s IC TC7S86F-TE85L
IC250	8-759-386-25	s IC 74LCX245MTCX
IC251	8-759-386-25	s IC 74LCX245MTCX
IC252	8-759-491-51	s IC TC74VHCT245AFT(EL)
IC253	8-759-491-51	s IC TC74VHCT245AFT(EL)
IC254	8-759-472-39	s IC 74VHC244MTCX
IC255	8-759-472-39	s IC 74VHC244MTCX
IC256	8-759-472-39	s IC 74VHC244MTCX
IC257	8-759-472-39	s IC 74VHC244MTCX
IC258	8-759-472-67	s IC 74VHCT574MTCX
IC259	8-759-472-65	s IC 74VHC574MTCX
IC260	8-759-472-65	s IC 74VHC574MTCX
IC261	8-759-472-65	s IC 74VHC574MTCX
IC300	8-759-081-44	s IC TC74VHC04F
IC311	8-759-482-45	o IC EPM7128SQC100-15
IC317	8-759-298-61	s IC LF2250QC-33
IC318	8-759-482-45	o IC EPM7128SQC100-15
IC352	8-759-491-36	s IC TC74VHCT244AF(EL)
IC400	8-759-081-44	s IC TC74VHC04F
IC402	8-759-472-04	s IC 74VHC74MTCX
IC403	8-759-179-94	s IC HM530281-20
IC404	8-759-179-94	s IC HM530281-20
IC405	8-759-472-65	s IC 74VHC574MTCX
IC407	8-759-445-73	s IC M66256FP-E2
IC417	8-759-186-24	s IC TC74VHC4040F(EL)
IC418	8-759-179-94	s IC HM530281-20

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Ref. No. or Q'ty	Part No.	SP Description
IC419	8-759-179-94	s IC HM530281-20
IC420	--PENDING---	o IC M27V201-200L6, EPROM, BLANK
IC421	8-759-445-73	s IC M66256FP-E2
IC428	8-759-386-26	s IC 74LCX574MTCX
IC429	8-759-386-26	s IC 74LCX574MTCX
IC430	8-759-386-26	s IC 74LCX574MTCX
IC431	8-759-386-22	s IC 74LCX04SJX
IC432	8-759-386-26	s IC 74LCX574MTCX
IC433	8-759-386-26	s IC 74LCX574MTCX
IC434	8-759-386-26	s IC 74LCX574MTCX
IC450	8-759-491-50	s IC TC74VHCT244AFT(EL)
IC451	8-759-472-39	s IC 74VHC244MTCX
IC452	8-759-472-39	s IC 74VHC244MTCX
IC453	8-759-472-04	s IC 74VHC74MTCX
IC454	8-759-472-65	s IC 74VHC574MTCX
IC455	--PENDING---	o IC EPM7128SQC100-10, EPLD, BLANK
IC456	8-759-386-26	s IC 74LCX574MTCX
IC457	8-759-386-26	s IC 74LCX574MTCX
IC458	--PENDING---	o IC EPM7128SQC100-10, EPLD, BLANK
IC459	8-759-386-26	s IC 74LCX574MTCX
IC460	8-759-081-48	s IC TC74VHC08F
IC461	8-759-186-38	s IC TC74VHC32F
IC500	8-759-386-27	s IC 74LCX04MTCX
IC501	8-759-386-27	s IC 74LCX04MTCX
IC504	8-759-386-26	s IC 74LCX574MTCX
IC505	8-759-386-26	s IC 74LCX574MTCX
IC506	8-759-386-26	s IC 74LCX574MTCX
IC508	8-759-459-41	s IC TMS4C2973-26DTR
IC509	8-759-459-41	s IC TMS4C2973-26DTR
IC510	8-759-459-41	s IC TMS4C2973-26DTR
IC511	8-759-386-32	s IC 74LCX245SJX
IC517	8-759-445-73	s IC M66256FP-E2
IC518	8-759-445-73	s IC M66256FP-E2
IC519	8-759-445-73	s IC M66256FP-E2
IC520	8-759-445-73	s IC M66256FP-E2
IC521	8-759-175-27	s IC TC74VHC574F
IC522	8-759-175-27	s IC TC74VHC574F
IC523	8-759-175-27	s IC TC74VHC574F
IC524	8-759-175-27	s IC TC74VHC574F
IC525	8-759-186-39	s IC TC74VHC74F
IC530	8-759-472-43	s IC 74VHC245MTCX
IC531	8-759-472-65	s IC 74VHC574MTCX
IC532	8-759-386-26	s IC 74LCX574MTCX
IC533	8-759-471-91	s IC 74VHC04MTCX
IC534	8-759-472-65	s IC 74VHC574MTCX
IC536	8-759-081-44	s IC TC74VHC04F
IC603	8-759-389-32	s IC 74LCX240MTCX
IC604	8-759-421-88	s IC SN74LVC821APW-E05
IC605	8-759-421-88	s IC SN74LVC821APW-E05
IC606	8-759-421-88	s IC SN74LVC821APW-E05
IC607	8-759-196-73	s IC UPD485505G-25
IC608	8-759-196-73	s IC UPD485505G-25
IC609	8-759-196-73	s IC UPD485505G-25
IC610	8-759-196-73	s IC UPD485505G-25
IC612	8-759-196-73	s IC UPD485505G-25
IC613	8-759-196-73	s IC UPD485505G-25
IC615	8-759-196-73	s IC UPD485505G-25
IC616	8-759-196-73	s IC UPD485505G-25
IC617	8-759-196-73	s IC UPD485505G-25

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Ref. No. or Q'ty	Part No.	SP Description
IC618	8-759-196-73	s IC UPD485505G-25
IC620	8-759-421-88	s IC SN74LVC821APW-E05
IC621	8-759-421-88	s IC SN74LVC821APW-E05
IC622	8-759-386-33	s IC 74LCX240SJX
IC623	8-759-386-29	s IC 74LCX574SJX
IC624	8-759-386-29	s IC 74LCX574SJX
IC625	8-759-386-29	s IC 74LCX574SJX
IC626	8-759-386-29	s IC 74LCX574SJX
IC627	8-759-386-33	s IC 74LCX240SJX
IC630	8-759-472-65	s IC 74VHC574MTCX
IC631	8-759-472-65	s IC 74VHC574MTCX
IC650	8-759-386-25	s IC 74LCX245MTCX
IC651	8-759-386-25	s IC 74LCX245MTCX
IC652	8-759-386-25	s IC 74LCX245MTCX
IC653	8-759-386-25	s IC 74LCX245MTCX
IS31	1-540-197-11	o SOCKET, IC 32P
IS420	1-540-197-11	o SOCKET, IC 32P
L1	1-414-441-11	s INDUCTOR CHIP 15uH
L2	1-414-441-11	s INDUCTOR CHIP 15uH
L3	1-414-441-11	s INDUCTOR CHIP 15uH
L4	1-414-529-21	s INDUCTOR CHIP 100uH
L5	1-403-684-11	s INDUCTOR 0uH
L6	1-409-914-11	s INDUCTOR 0uH
L7	1-412-029-11	s INDUCTOR CHIP 10uH
L8	1-412-029-11	s INDUCTOR CHIP 10uH
L9	1-412-030-11	s INDUCTOR CHIP 22uH
L10	1-412-029-11	s INDUCTOR CHIP 10uH
L11	1-412-030-11	s INDUCTOR CHIP 22uH
L12	1-412-030-11	s INDUCTOR CHIP 22uH
L13	1-412-030-11	s INDUCTOR CHIP 22uH
L14	1-412-030-11	s INDUCTOR CHIP 22uH
L15	1-412-030-11	s INDUCTOR CHIP 22uH
L16	1-412-029-11	s INDUCTOR CHIP 10uH
L17	1-408-769-41	s INDUCTOR, CHIP 2.2uH
L18	1-408-769-41	s INDUCTOR, CHIP 2.2uH
L19	1-412-027-11	s INDUCTOR CHIP 2.2uH
L20	1-412-029-11	s INDUCTOR CHIP 10uH
L21	1-412-030-11	s INDUCTOR CHIP 22uH
L22	1-412-029-11	s INDUCTOR CHIP 10uH
L23	1-412-029-11	s INDUCTOR CHIP 10uH
L24	1-412-030-11	s INDUCTOR CHIP 22uH
L25	1-412-030-11	s INDUCTOR CHIP 22uH
L26	1-412-030-11	s INDUCTOR CHIP 22uH
L27	1-412-030-11	s INDUCTOR CHIP 22uH
L29	1-412-029-11	s INDUCTOR CHIP 10uH
L30	1-412-029-11	s INDUCTOR CHIP 10uH
L31	1-412-029-11	s INDUCTOR CHIP 10uH
L32	1-412-029-11	s INDUCTOR CHIP 10uH
L33	1-412-029-11	s INDUCTOR CHIP 10uH
L34	1-412-029-11	s INDUCTOR CHIP 10uH
L35	1-412-029-11	s INDUCTOR CHIP 10uH
L36	1-412-029-11	s INDUCTOR CHIP 10uH
L350	1-412-030-11	s INDUCTOR CHIP 22uH
L535	1-412-029-11	s INDUCTOR CHIP 10uH
Q1	8-729-113-13	s TRANSISTOR FA1A4M-L33
Q2	8-729-206-05	s TRANSISTOR 2SA1328-O
Q3	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q4	8-729-807-51	s TRANSISTOR 2SD1623-S

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Ref. No. or Q'ty	Part No.	SP Description
Q5	8-729-206-05	s TRANSISTOR 2SA1328-0
Q6	8-729-216-22	s TRANSISTOR 2SA1162
Q50	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q301	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q302	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q303	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q304	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q305	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q306	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q307	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
R1	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R2	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R3	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R4	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R5	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R6	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R7	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R8	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R9	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R10	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R11	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R12	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R13	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R14	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R16	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R17	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R18	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R19	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R20	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R21	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R22	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R23	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R24	1-216-693-11	s METAL, CHIP 56K 0.5% 1/10W
R25	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R26	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R28	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R29	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R30	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R31	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R32	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R33	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R34	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R35	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R36	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R37	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R38	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R39	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R40	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R41	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R42	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R43	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R44	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R45	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R50	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R51	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R52	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R53	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R54	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R55	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R56	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R57	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R58	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R59	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R60	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R61	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R62	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R63	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R64	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R65	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R66	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R67	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R68	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R69	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R70	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R71	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R72	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R73	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R74	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R75	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R76	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R77	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R78	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R79	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R80	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R81	1-218-776-11	s METAL 1M 0.5% 1/10W
R82	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R83	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R84	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R85	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R86	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R87	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R88	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R89	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R90	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R91	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R92	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R93	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R94	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R95	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R96	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R97	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R98	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R99	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R100	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R101	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R102	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R103	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R104	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R105	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R106	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R107	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R108	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R109	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R110	1-216-295-91	s RES, CHIP 0
R111	1-216-295-91	s RES, CHIP 0
R112	1-216-295-91	s RES, CHIP 0
R113	1-216-295-91	s RES, CHIP 0
R114	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R260	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R261	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R301	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R302	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R303	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R304	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R305	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R306	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R307	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R311	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R312	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R313	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R314	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R315	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R316	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R317	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R320	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R321	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R322	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R323	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R324	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R325	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R326	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R327	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R328	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R329	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R330	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R400	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R401	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R402	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R403	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R404	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R405	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R406	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R407	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R408	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R409	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R410	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R411	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R412	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R413	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R414	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R415	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R416	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R417	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R418	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R419	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R420	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R421	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R422	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R423	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R424	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R425	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R426	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R427	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R428	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R450	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R451	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R452	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
RS135	1-216-295-91	s RES, CHIP 0
RS161	1-216-295-91	s RES, CHIP 0
RS165	1-216-295-91	s RES, CHIP 0
RS168	1-216-295-91	s RES, CHIP 0
RS169	1-216-295-91	s RES, CHIP 0
RS200	1-216-295-91	s RES, CHIP 0
RS202	1-216-295-91	s RES, CHIP 0
RS203	1-216-295-91	s RES, CHIP 0
RS205	1-216-295-91	s RES, CHIP 0
RS209	1-216-295-91	s RES, CHIP 0
RS210	1-216-295-91	s RES, CHIP 0
RS211	1-216-295-91	s RES, CHIP 0
RS212	1-216-295-91	s RES, CHIP 0
RS216	1-216-295-91	s RES, CHIP 0
RS217	1-216-295-91	s RES, CHIP 0
RS218	1-216-295-91	s RES, CHIP 0
RS221	1-216-295-91	s RES, CHIP 0
RS225	1-216-295-91	s RES, CHIP 0
RS250	1-216-295-91	s RES, CHIP 0
RS301	1-216-295-91	s RES, CHIP 0
RS302	1-216-295-91	s RES, CHIP 0
RS303	1-216-295-91	s RES, CHIP 0
RS304	1-216-295-91	s RES, CHIP 0
RS305	1-216-295-91	s RES, CHIP 0
RS306	1-216-295-91	s RES, CHIP 0
RS312	1-216-295-91	s RES, CHIP 0
RS313	1-216-295-91	s RES, CHIP 0
RS315	1-216-295-91	s RES, CHIP 0
RS400	1-216-295-91	s RES, CHIP 0
RS402	1-216-295-91	s RES, CHIP 0
RS408	1-216-295-91	s RES, CHIP 0
RS409	1-216-295-91	s RES, CHIP 0
RS420	1-216-295-91	s RES, CHIP 0
RS421	1-216-295-91	s RES, CHIP 0
RS422	1-216-295-91	s RES, CHIP 0
RS423	1-216-295-91	s RES, CHIP 0
RS430	1-216-295-91	s RES, CHIP 0
RS517	1-216-295-91	s RES, CHIP 0
RS518	1-216-295-91	s RES, CHIP 0
RS520	1-216-295-91	s RES, CHIP 0
RS522	1-216-295-91	s RES, CHIP 0
RS523	1-216-295-91	s RES, CHIP 0
RS550	1-216-295-91	s RES, CHIP 0
RS551	1-216-295-91	s RES, CHIP 0
RS564	1-216-295-91	s RES, CHIP 0
RS567	1-216-295-91	s RES, CHIP 0
RS569	1-216-295-91	s RES, CHIP 0
RS571	1-216-295-91	s RES, CHIP 0
RS574	1-216-295-91	s RES, CHIP 0
RS576	1-216-295-91	s RES, CHIP 0
RS578	1-216-295-91	s RES, CHIP 0
RS579	1-216-295-91	s RES, CHIP 0
RS580	1-216-295-91	s RES, CHIP 0
RS581	1-216-295-91	s RES, CHIP 0
RS600	1-216-295-91	s RES, CHIP 0
RS601	1-216-295-91	s RES, CHIP 0
RS602	1-216-295-91	s RES, CHIP 0
RS608	1-216-295-91	s RES, CHIP 0
RS610	1-216-295-91	s RES, CHIP 0

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Ref. No. or Q'ty	Part No.	SP Description
S1	1-762-118-21	s SWITCH, TOGGLE
S3	1-570-711-11	s SWITCH, SLIDE
S4	1-570-711-11	s SWITCH, SLIDE
S5	1-692-530-11	s SWITCH, TOGGLE
S6	1-570-711-11	s SWITCH, SLIDE
S7	1-692-530-11	s SWITCH, TOGGLE
S8	1-570-711-11	s SWITCH, SLIDE
S9	1-570-710-11	s SWITCH, SLIDE
S10	1-762-120-11	s SWITCH, TOGGLE
S11	1-692-271-31	s SWITCH, SLIDE
S12	1-692-271-31	s SWITCH, SLIDE
S13	1-692-271-31	s SWITCH, SLIDE
S14	1-572-658-21	s SWITCH, ROTARY
S15	1-572-658-21	s SWITCH, ROTARY
S17	1-572-658-21	s SWITCH, ROTARY
S18	1-570-711-11	s SWITCH, SLIDE
S20	1-692-530-11	s SWITCH, TOGGLE
S21	1-570-711-11	s SWITCH, SLIDE
S22	1-570-711-11	s SWITCH, SLIDE
S23	1-570-711-11	s SWITCH, SLIDE
X1	1-760-435-11	s CRYSTAL 18.0MHz
X2	1-579-715-11	s VCO, CRYSTAL 36MHz

RX-28 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8273-133-A	o MOUNTED CIRCUIT BOARD, RX-28

SDI-11 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8273-352-A	o MOUNTED CIRCUIT BOARD, SDI-11

FRAME

Ref. No. or Q'ty	Part No.	SP Description
1pc	Δ A-8312-120-B	s POWER UNIT (RP)
2pcs	1-698-059-11	s FAN, DC
2pcs	1-774-996-11	o CONNECTOR, OPTICAL (FC TYPE)
1pc	1-777-058-21	o CABLE, COAXIAL (CN1/RX-28 to CN301/SDI-11)
1pc	1-777-204-13	o CABLE, ENCAPSULAT (F) (CN101/CHU CAMERA to MB-670/SDI-11/RX-28)

HARNESS (AUDIO(FEMALE))

[CN5/PS-414 to CN108/MIC OUTPUT CH-1] (for J)		
CN5	1-580-578-11	s HOUSING, 4P
1pc	1-573-176-11	o CONTACT, FEMALE AWG22-26
2pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN108	1-563-029-31	s CONNECTOR, XLR 3P, FEMALE
1pc	1-543-803-11	s CORE, FERRITE
[CN6/PS-414 to CN109/MIC OUTPUT CH-2] (for J)		
CN6	1-580-578-11	s HOUSING, 4P
1pc	1-573-176-11	o CONTACT, FEMALE AWG22-26
2pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN109	1-563-029-31	s CONNECTOR, XLR 3P, FEMALE
1pc	1-543-803-11	s CORE, FERRITE
[CN7/PS-414 to CN110/INTERCOM]		
CN7	1-580-578-11	s HOUSING, 4P
1pc	1-573-176-11	o CONTACT, FEMALE AWG22-26
2pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN110	1-563-029-31	s CONNECTOR, XLR 3P, FEMALE
1pc	1-543-803-11	s CORE, FERRITE

HARNESS (AUDIO(MALE))

[CN5/PS-414 to CN108/MIC OUTPUT CH-1] (for UC)		
CN5	1-580-578-11	s HOUSING, 4P
1pc	1-573-176-11	o CONTACT, FEMALE AWG22-26
2pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN108	1-563-030-21	s CONNECTOR, XLR 3P, MALE
1pc	1-543-803-11	s CORE, FERRITE
[CN6/PS-414 to CN109/MIC OUTPUT CH-2] (for UC)		
CN6	1-580-578-11	s HOUSING, 4P
1pc	1-573-176-11	o CONTACT, FEMALE AWG22-26
2pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN109	1-563-030-21	s CONNECTOR, XLR 3P, MALE
1pc	1-543-803-11	s CORE, FERRITE
[CN8/PS-414 to CN111/INTERCOM]		
CN8	1-580-578-11	s HOUSING, 4P
1pc	1-573-176-11	o CONTACT, FEMALE AWG22-26
2pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN111	1-563-030-21	s CONNECTOR, XLR 3P, MALE
1pc	1-543-803-11	s CORE, FERRITE

HARNESS (AUX-DATA)

1pc	1-955-941-11	o HARNESS, SUB (AUX-DATA)
[CN13/PS-414 to CN107/AUX]		
CN13	1-580-581-11	o HOUSING, 10P
9pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN107	1-568-181-11	s PLUG, D-SUB 9P, FEMALE

HARNESS (BNC)

[CN9/PS-414 to CN112/CHARACTER]		
CN9	1-580-578-11	s HOUSING, 4P
1pc	1-573-176-11	o CONTACT, FEMALE AWG22-26
1pc	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN112	1-569-253-21	s CONNECTOR, BNC
[CN10/PS-414 to CN113/CHARACTER]		
CN10	1-580-578-11	s HOUSING, 4P
1pc	1-573-176-11	o CONTACT, FEMALE AWG22-26
1pc	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN113	1-569-253-21	s CONNECTOR, BNC

(FRAME)

Ref. No. or Q'ty	Part No.	SP Description

HARNESS (MULTIPLE CONNECTOR)

1pc	1-955-936-11	o HARNESS (MULTIPLE CONNECTOR)
[CN4/PS-414 to CN102/INTERCOM/TALLY/PGM]		
CN4	1-580-587-11	o HOUSING 22P
22pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN102	1-691-666-11	o CONNECTOR, 19P, MALE

HARNESS (NEW-CMD)

[CN1/CN-1364 to CN22/MB-670]		
CN1	1-580-580-11	o HOUSING, 8P
8pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN22	1-569-201-11	o HOUSING, CONNECTOR 8P
8pcs	1-569-194-11	o CONTACT, FEMALE AWG24-30

HARNESS (REMOTE(MIC))

1pc	1-955-940-11	o HARNESS, SUB (REMOTE(MIC))
[CN11/PS-414 to CN105/REMOTE(MIC)]		
CN11	1-580-585-11	o HOUSING, 18P
15pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30

HARNESS (REMOTE(WF))

1pc	1-955-939-12	o HARNESS, SUB (REMOTE(WF))
[CN12/PS-414 to CN106/REMOTE(WF)]		
CN12	1-580-584-11	o HOUSING, 16P
15pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30

HARNESS (SDI)

[CN2/RX-28 to CN5/SDI-11]		
CN2	1-695-212-11	o HOUSING, 6P
6pcs	1-695-215-11	o CONTACT, FEMALE AWG26-30
CN5	1-695-212-11	o HOUSING, 6P
6pcs	1-695-215-11	o CONTACT, FEMALE AWG26-30

HARNESS (TRUCK-LINE)

1pc	1-955-942-11	o HARNESS, SUB (TRUCK-LINE)
[CN19/MB-670 to CN103/TRUNK LINE]		
CN19	1-580-579-11	o HOUSING, 6P
6pcs	1-580-599-11	o CONTACT, FEMALE AWG26-30
CN103	1-568-181-11	s PLUG, D-SUB 9P, FEMALE

4-4. HKCU-701A Electrical Parts List

IF-704A/B BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8318-492-A	o MOUNTED CIRCUIT BOARD, IF-704A (for UC)
1pc	A-8318-494-A	o MOUNTED CIRCUIT BOARD, IF-704B (for J)
1pc	3-613-364-01	o PC BOARD PANEL IF
1pc	3-681-020-01	o PC SHIELD PLATE
2pcs	3-681-042-01	o LEVER, PC BOARD (1)
2pcs	3-681-045-01	o LEVER, PC BOARD (2)
2pcs	1-533-223-11	s HOLDER, FUSE
4pcs	7-626-320-11	s PIN, SPRING 3X8
9pcs	7-682-903-11	s SCREW +PWH 3X6
C1	1-107-877-11	s ELECT 1000uF 20% 10V
C2	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C3	1-107-877-11	s ELECT 1000uF 20% 10V
C4	1-107-877-11	s ELECT 1000uF 20% 10V
C5	1-113-682-11	s TANTALUM 33uF 20% 10V
C6	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C7	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C8	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C9	1-107-877-11	s ELECT 1000uF 20% 10V
C10	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C11	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C12	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C13	1-163-038-91	s CERAMIC 0.1uF 25V
C14	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C15	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C16	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C17	1-163-038-91	s CERAMIC 0.1uF 25V
C18	1-163-038-91	s CERAMIC 0.1uF 25V
C19	1-163-038-91	s CERAMIC 0.1uF 25V
C20	1-163-038-91	s CERAMIC 0.1uF 25V
C21	1-163-038-91	s CERAMIC 0.1uF 25V
C22	1-113-642-11	s TANTALUM 47uF 20% 10V
C23	1-113-642-11	s TANTALUM 47uF 20% 10V
C24	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C25	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C26	1-163-038-91	s CERAMIC 0.1uF 25V
C27	1-104-851-11	s TANTALUM 10uF 20% 10V
C28	1-163-038-91	s CERAMIC 0.1uF 25V
C29	1-163-038-91	s CERAMIC 0.1uF 25V
C30	1-163-038-91	s CERAMIC 0.1uF 25V
C31	1-163-038-91	s CERAMIC 0.1uF 25V
C32	1-163-038-91	s CERAMIC 0.1uF 25V
C33	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C34	1-163-038-91	s CERAMIC 0.1uF 25V
C35	1-163-038-91	s CERAMIC 0.1uF 25V
C36	1-104-851-11	s TANTALUM 10uF 20% 10V
C37	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C38	1-163-038-91	s CERAMIC 0.1uF 25V
C39	1-104-851-11	s TANTALUM 10uF 20% 10V
C40	1-163-038-91	s CERAMIC 0.1uF 25V
C41	1-163-038-91	s CERAMIC 0.1uF 25V
C42	1-163-038-91	s CERAMIC 0.1uF 25V
C43	1-163-038-91	s CERAMIC 0.1uF 25V
C44	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C45	1-104-852-11	s TANTALUM 22uF 20% 10V
C46	1-163-135-00	s CERAMIC, CHIP 560PF 5% 50V
C47	1-163-253-11	s CERAMIC, CHIP 120PF 5% 50V
C48	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C49	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C50	1-104-851-11	s TANTALUM 10uF 20% 10V

(IF-704A/B BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C51	1-135-071-21	s TANTALUM, CHIP 0.15uF 10% 35V
C52	1-104-851-11	s TANTALUM 10uF 20% 10V
C53	1-113-642-11	s TANTALUM 47uF 20% 10V
C54	1-113-642-11	s TANTALUM 47uF 20% 10V
C55	1-104-851-11	s TANTALUM 10uF 20% 10V
C56	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C57	1-113-642-11	s TANTALUM 47uF 20% 10V
C58	1-163-038-91	s CERAMIC 0.1uF 25V
C59	1-163-038-91	s CERAMIC 0.1uF 25V
C60	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C61	1-130-483-00	s MYLAR 0.01uF 5% 50V
C62	1-104-851-11	s TANTALUM 10uF 20% 10V
C63	1-104-851-11	s TANTALUM 10uF 20% 10V
C64	1-130-483-00	s MYLAR 0.01uF 5% 50V
C65	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C66	1-163-038-91	s CERAMIC 0.1uF 25V
C67	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C68	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C69	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C70	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C71	1-104-851-11	s TANTALUM 10uF 20% 10V
C72	1-104-851-11	s TANTALUM 10uF 20% 10V
C73	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C74	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C75	1-163-038-91	s CERAMIC 0.1uF 25V
C76	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C77	1-104-852-11	s TANTALUM 22uF 20% 10V
C78	1-163-038-91	s CERAMIC 0.1uF 25V
C79	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C80	1-163-038-91	s CERAMIC 0.1uF 25V
C81	1-163-038-91	s CERAMIC 0.1uF 25V
C82	1-163-038-91	s CERAMIC 0.1uF 25V
C83	1-113-985-11	s TANTALUM 10uF 20% 20V
C84	1-163-038-91	s CERAMIC 0.1uF 25V
C85	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C86	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C87	1-163-038-91	s CERAMIC 0.1uF 25V
C88	1-163-038-91	s CERAMIC 0.1uF 25V
C89	1-104-851-11	s TANTALUM 10uF 20% 10V
C90	1-163-038-91	s CERAMIC 0.1uF 25V
C91	1-104-851-11	s TANTALUM 10uF 20% 10V
C92	1-104-851-11	s TANTALUM 10uF 20% 10V
C93	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C94	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C95	1-104-851-11	s TANTALUM 10uF 20% 10V
C96	1-104-851-11	s TANTALUM 10uF 20% 10V
C97	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C98	1-163-038-91	s CERAMIC 0.1uF 25V
C100	1-104-852-11	s TANTALUM 22uF 20% 10V
C101	1-163-038-91	s CERAMIC 0.1uF 25V
C102	1-163-038-91	s CERAMIC 0.1uF 25V
C103	1-163-038-91	s CERAMIC 0.1uF 25V
C104	1-163-038-91	s CERAMIC 0.1uF 25V
C105	1-163-038-91	s CERAMIC 0.1uF 25V
C106	1-163-038-91	s CERAMIC 0.1uF 25V
C107	1-163-038-91	s CERAMIC 0.1uF 25V
C108	1-163-038-91	s CERAMIC 0.1uF 25V
C109	1-163-038-91	s CERAMIC 0.1uF 25V
C110	1-163-038-91	s CERAMIC 0.1uF 25V

(IF-704A/B BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C111	1-163-038-91	s CERAMIC 0.1uF 25V
C112	1-163-038-91	s CERAMIC 0.1uF 25V
C113	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C114	1-104-851-11	s TANTALUM 10uF 20% 10V
C115	1-163-038-91	s CERAMIC 0.1uF 25V
C116	1-163-038-91	s CERAMIC 0.1uF 25V
C117	1-104-851-11	s TANTALUM 10uF 20% 10V
C118	1-163-038-91	s CERAMIC 0.1uF 25V
C119	1-113-985-11	s TANTALUM 10uF 20% 20V
C120	1-113-985-11	s TANTALUM 10uF 20% 20V
C121	1-113-682-11	s TANTALUM 33uF 20% 10V
C122	1-163-038-91	s CERAMIC 0.1uF 25V
C123	1-163-038-91	s CERAMIC 0.1uF 25V
C124	1-104-851-11	s TANTALUM 10uF 20% 10V
C125	1-163-038-91	s CERAMIC 0.1uF 25V
C126	1-104-851-11	s TANTALUM 10uF 20% 10V
C127	1-104-851-11	s TANTALUM 10uF 20% 10V
C128	1-163-038-91	s CERAMIC 0.1uF 25V
C129	1-163-038-91	s CERAMIC 0.1uF 25V
C130	1-104-851-11	s TANTALUM 10uF 20% 10V
C131	1-163-038-91	s CERAMIC 0.1uF 25V
C132	1-104-851-11	s TANTALUM 10uF 20% 10V
C133	1-163-038-91	s CERAMIC 0.1uF 25V
C134	1-104-851-11	s TANTALUM 10uF 20% 10V
C135	1-163-038-91	s CERAMIC 0.1uF 25V
C136	1-163-038-91	s CERAMIC 0.1uF 25V
C139	1-163-038-91	s CERAMIC 0.1uF 25V
C141	1-104-851-11	s TANTALUM 10uF 20% 10V
C143	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C144	1-163-038-91	s CERAMIC 0.1uF 25V
C145	1-163-038-91	s CERAMIC 0.1uF 25V
C146	1-163-038-91	s CERAMIC 0.1uF 25V
C147	1-163-038-91	s CERAMIC 0.1uF 25V
C155	1-163-038-91	s CERAMIC 0.1uF 25V
C156	1-163-038-91	s CERAMIC 0.1uF 25V
C157	1-163-038-91	s CERAMIC 0.1uF 25V
C158	1-163-038-91	s CERAMIC 0.1uF 25V
C159	1-163-038-91	s CERAMIC 0.1uF 25V
C160	1-163-038-91	s CERAMIC 0.1uF 25V
C161	1-104-852-11	s TANTALUM 22uF 20% 10V
C162	1-104-851-11	s TANTALUM 10uF 20% 10V
C163	1-104-851-11	s TANTALUM 10uF 20% 10V
C164	1-104-851-11	s TANTALUM 10uF 20% 10V
C166	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C167	1-163-038-91	s CERAMIC 0.1uF 25V
C168	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C169	1-163-038-91	s CERAMIC 0.1uF 25V
C170	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C171	1-163-038-91	s CERAMIC 0.1uF 25V
C172	1-163-038-91	s CERAMIC 0.1uF 25V
C173	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C174	1-163-038-91	s CERAMIC 0.1uF 25V
C175	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C176	1-163-038-91	s CERAMIC 0.1uF 25V
C177	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C178	1-104-851-11	s TANTALUM 10uF 20% 10V
C179	1-104-851-11	s TANTALUM 10uF 20% 10V
C180	1-104-851-11	s TANTALUM 10uF 20% 10V
C181	1-104-851-11	s TANTALUM 10uF 20% 10V

(IF-704A/B BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C182	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C183	1-163-038-91	s CERAMIC 0.1uF 25V
C184	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C185	1-163-038-91	s CERAMIC 0.1uF 25V
C186	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C187	1-163-038-91	s CERAMIC 0.1uF 25V
C188	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C190	1-104-851-11	s TANTALUM 10uF 20% 10V
C191	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C192	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C193	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C194	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C195	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C196	1-113-642-11	s TANTALUM 47uF 20% 10V
C197	1-113-642-11	s TANTALUM 47uF 20% 10V
C198	1-104-851-11	s TANTALUM 10uF 20% 10V
C199	1-163-220-11	s CERAMIC, CHIP 3PF 50V
C200	1-163-038-91	s CERAMIC 0.1uF 25V
C201	1-163-038-91	s CERAMIC 0.1uF 25V
C202	1-104-851-11	s TANTALUM 10uF 20% 10V
C203	1-104-851-11	s TANTALUM 10uF 20% 10V
C204	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C205	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C206	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C207	1-113-642-11	s TANTALUM 47uF 20% 10V
C208	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C209	1-113-642-11	s TANTALUM 47uF 20% 10V
C210	1-163-231-11	s CERAMIC 15PF 5% 50V
C211	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C212	1-163-231-11	s CERAMIC 15PF 5% 50V
C214	1-163-038-91	s CERAMIC 0.1uF 25V
C215	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C216	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C217	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C218	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C219	1-113-642-11	s TANTALUM 47uF 20% 10V
C220	1-113-642-11	s TANTALUM 47uF 20% 10V
C221	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C222	1-113-642-11	s TANTALUM 47uF 20% 10V
C223	1-104-852-11	s TANTALUM 22uF 20% 10V
C224	1-104-851-11	s TANTALUM 10uF 20% 10V
C225	1-104-851-11	s TANTALUM 10uF 20% 10V
C226	1-104-851-11	s TANTALUM 10uF 20% 10V
C227	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C228	1-163-038-91	s CERAMIC 0.1uF 25V
C229	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C230	1-163-038-91	s CERAMIC 0.1uF 25V
C231	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C232	1-163-038-91	s CERAMIC 0.1uF 25V
C233	1-163-038-91	s CERAMIC 0.1uF 25V
C234	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C235	1-163-038-91	s CERAMIC 0.1uF 25V
C236	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C237	1-163-038-91	s CERAMIC 0.1uF 25V
C238	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C239	1-104-851-11	s TANTALUM 10uF 20% 10V
C240	1-104-851-11	s TANTALUM 10uF 20% 10V
C241	1-104-851-11	s TANTALUM 10uF 20% 10V
C242	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V

(IF-704A/B BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C243	1-163-038-91	s CERAMIC 0.1uF 25V
C244	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C245	1-163-038-91	s CERAMIC 0.1uF 25V
C246	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C247	1-163-038-91	s CERAMIC 0.1uF 25V
C248	1-104-851-11	s TANTALUM 10uF 20% 10V
C249	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C250	1-163-038-91	s CERAMIC 0.1uF 25V
C251	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C252	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C253	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C254	1-163-038-91	s CERAMIC 0.1uF 25V
C255	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C256	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C257	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C257	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C258	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C259	1-163-038-91	s CERAMIC 0.1uF 25V
C260	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C261	1-163-038-91	s CERAMIC 0.1uF 25V
C262	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C263	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C264	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C267	1-163-038-91	s CERAMIC 0.1uF 25V
C268	1-163-038-91	s CERAMIC 0.1uF 25V
C269	1-163-038-91	s CERAMIC 0.1uF 25V
C270	1-104-851-11	s TANTALUM 10uF 20% 10V
C271	1-163-038-91	s CERAMIC 0.1uF 25V
C272	1-104-851-11	s TANTALUM 10uF 20% 10V
C273	1-163-038-91	s CERAMIC 0.1uF 25V
C274	1-104-851-11	s TANTALUM 10uF 20% 10V
C285	1-104-851-11	s TANTALUM 10uF 20% 10V
C286	1-104-851-11	s TANTALUM 10uF 20% 10V
C292	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C294	1-163-038-91	s CERAMIC 0.1uF 25V
C295	1-163-038-91	s CERAMIC 0.1uF 25V
C296	1-163-231-11	s CERAMIC 15PF 5% 50V
C297	1-163-038-91	s CERAMIC 0.1uF 25V
C299	1-163-038-91	s CERAMIC 0.1uF 25V
C300	1-104-851-11	s TANTALUM 10uF 20% 10V
C301	1-104-851-11	s TANTALUM 10uF 20% 10V
C302	1-163-038-91	s CERAMIC 0.1uF 25V
C316	1-163-038-91	s CERAMIC 0.1uF 25V
C317	1-163-038-91	s CERAMIC 0.1uF 25V
C318	1-163-038-91	s CERAMIC 0.1uF 25V
C319	1-163-038-91	s CERAMIC 0.1uF 25V
C320	1-163-038-91	s CERAMIC 0.1uF 25V
C321	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C322	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C323	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C324	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C325	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C326	1-163-038-91	s CERAMIC 0.1uF 25V
C328	1-163-038-91	s CERAMIC 0.1uF 25V
C330	1-163-038-91	s CERAMIC 0.1uF 25V
C331	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C332	1-107-689-21	s TANTALUM 1uF 20% 35V
C333	1-163-038-91	s CERAMIC 0.1uF 25V
C334	1-163-038-91	s CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C335	1-104-851-11	s TANTALUM 10uF 20% 10V
C336	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C337	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C338	1-163-259-91	s CERAMIC 220PF 5% 50V
C341	1-104-851-11	s TANTALUM 10uF 20% 10V
C342	1-163-038-91	s CERAMIC 0.1uF 25V
C343	1-163-038-91	s CERAMIC 0.1uF 25V
C344	1-113-985-11	s TANTALUM 10uF 20% 20V
C345	1-163-038-91	s CERAMIC 0.1uF 25V
C346	1-163-038-91	s CERAMIC 0.1uF 25V
C347	1-163-038-91	s CERAMIC 0.1uF 25V
C348	1-163-038-91	s CERAMIC 0.1uF 25V
C349	1-163-038-91	s CERAMIC 0.1uF 25V
C350	1-163-038-91	s CERAMIC 0.1uF 25V
C351	1-104-851-11	s TANTALUM 10uF 20% 10V
C352	1-163-038-91	s CERAMIC 0.1uF 25V
C353	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C354	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C357	1-104-851-11	s TANTALUM 10uF 20% 10V
C358	1-163-038-91	s CERAMIC 0.1uF 25V
C400	1-163-038-91	s CERAMIC 0.1uF 25V
C401	1-104-851-11	s TANTALUM 10uF 20% 10V
C402	1-163-038-91	s CERAMIC 0.1uF 25V
C403	1-163-038-91	s CERAMIC 0.1uF 25V
C404	1-163-038-91	s CERAMIC 0.1uF 25V
C405	1-163-038-91	s CERAMIC 0.1uF 25V
C407	1-163-038-91	s CERAMIC 0.1uF 25V
C408	1-104-851-11	s TANTALUM 10uF 20% 10V
C409	1-163-038-91	s CERAMIC 0.1uF 25V
C410	1-163-038-91	s CERAMIC 0.1uF 25V
C411	1-163-038-91	s CERAMIC 0.1uF 25V
C412	1-163-038-91	s CERAMIC 0.1uF 25V
C413	1-163-038-91	s CERAMIC 0.1uF 25V
C414	1-104-851-11	s TANTALUM 10uF 20% 10V
C415	1-163-038-91	s CERAMIC 0.1uF 25V
C416	1-104-851-11	s TANTALUM 10uF 20% 10V
C417	1-163-038-91	s CERAMIC 0.1uF 25V
C419	1-104-851-11	s TANTALUM 10uF 20% 10V
C458	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C459	1-163-038-91	s CERAMIC 0.1uF 25V
C463	1-104-851-11	s TANTALUM 10uF 20% 10V
C464	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C465	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C466	1-163-038-91	s CERAMIC 0.1uF 25V
C467	1-163-038-91	s CERAMIC 0.1uF 25V
C468	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C469	1-163-038-91	s CERAMIC 0.1uF 25V
C470	1-163-038-91	s CERAMIC 0.1uF 25V
C471	1-104-851-11	s TANTALUM 10uF 20% 10V
C472	1-104-851-11	s TANTALUM 10uF 20% 10V
C473	1-163-038-91	s CERAMIC 0.1uF 25V
C474	1-104-852-11	s TANTALUM 22uF 20% 10V
C475	1-163-038-91	s CERAMIC 0.1uF 25V
C476	1-104-852-11	s TANTALUM 22uF 20% 10V
C477	1-104-851-11	s TANTALUM 10uF 20% 10V
C478	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C479	1-163-038-91	s CERAMIC 0.1uF 25V
C480	1-104-851-11	s TANTALUM 10uF 20% 10V
C481	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V

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Ref. No. or Q'ty	Part No.	SP Description
C482	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C483	1-163-038-91	s CERAMIC 0.1uF 25V
C484	1-104-851-11	s TANTALUM 10uF 20% 10V
C485	1-163-038-91	s CERAMIC 0.1uF 25V
C486	1-104-851-11	s TANTALUM 10uF 20% 10V
C487	1-163-038-91	s CERAMIC 0.1uF 25V
C488	1-104-851-11	s TANTALUM 10uF 20% 10V
C489	1-163-038-91	s CERAMIC 0.1uF 25V
C490	1-163-038-91	s CERAMIC 0.1uF 25V
C491	1-104-851-11	s TANTALUM 10uF 20% 10V
C492	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C493	1-163-038-91	s CERAMIC 0.1uF 25V
C494	1-163-038-91	s CERAMIC 0.1uF 25V
C495	1-104-851-11	s TANTALUM 10uF 20% 10V
C496	1-163-038-91	s CERAMIC 0.1uF 25V
C497	1-104-851-11	s TANTALUM 10uF 20% 10V
C498	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C499	1-163-038-91	s CERAMIC 0.1uF 25V
C500	1-163-038-91	s CERAMIC 0.1uF 25V
C501	1-104-851-11	s TANTALUM 10uF 20% 10V
C502	1-104-851-11	s TANTALUM 10uF 20% 10V
C503	1-104-851-11	s TANTALUM 10uF 20% 10V
C504	1-104-851-11	s TANTALUM 10uF 20% 10V
C505	1-163-038-91	s CERAMIC 0.1uF 25V
C506	1-163-038-91	s CERAMIC 0.1uF 25V
C507	1-163-038-91	s CERAMIC 0.1uF 25V
C508	1-163-038-91	s CERAMIC 0.1uF 25V
C509	1-104-851-11	s TANTALUM 10uF 20% 10V
C510	1-104-851-11	s TANTALUM 10uF 20% 10V
C511	1-163-038-91	s CERAMIC 0.1uF 25V
C512	1-163-038-91	s CERAMIC 0.1uF 25V
C513	1-163-038-91	s CERAMIC 0.1uF 25V
C514	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C515	1-163-038-91	s CERAMIC 0.1uF 25V
C516	1-104-851-11	s TANTALUM 10uF 20% 10V
C517	1-163-038-91	s CERAMIC 0.1uF 25V
C600	1-163-038-91	s CERAMIC 0.1uF 25V
C601	1-163-038-91	s CERAMIC 0.1uF 25V
C603	1-104-851-11	s TANTALUM 10uF 20% 10V
C604	1-163-038-91	s CERAMIC 0.1uF 25V
C605	1-163-038-91	s CERAMIC 0.1uF 25V
C606	1-163-038-91	s CERAMIC 0.1uF 25V
C607	1-104-851-11	s TANTALUM 10uF 20% 10V
C608	1-163-038-91	s CERAMIC 0.1uF 25V
C609	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C610	1-163-038-91	s CERAMIC 0.1uF 25V
C611	1-104-851-11	s TANTALUM 10uF 20% 10V
C613	1-104-851-11	s TANTALUM 10uF 20% 10V
C614	1-163-038-91	s CERAMIC 0.1uF 25V
C615	1-163-038-91	s CERAMIC 0.1uF 25V
C616	1-104-851-11	s TANTALUM 10uF 20% 10V
C617	1-104-851-11	s TANTALUM 10uF 20% 10V
C618	1-163-038-91	s CERAMIC 0.1uF 25V
C619	1-104-851-11	s TANTALUM 10uF 20% 10V
C620	1-104-851-11	s TANTALUM 10uF 20% 10V
C621	1-163-038-91	s CERAMIC 0.1uF 25V
C622	1-104-851-11	s TANTALUM 10uF 20% 10V
C623	1-163-038-91	s CERAMIC 0.1uF 25V
C624	1-163-038-91	s CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C625	1-163-038-91	s CERAMIC 0.1uF 25V
C626	1-163-038-91	s CERAMIC 0.1uF 25V
C627	1-163-038-91	s CERAMIC 0.1uF 25V
C628	1-104-851-11	s TANTALUM 10uF 20% 10V
C629	1-163-038-91	s CERAMIC 0.1uF 25V
C630	1-104-851-11	s TANTALUM 10uF 20% 10V
C631	1-163-038-91	s CERAMIC 0.1uF 25V
C632	1-163-038-91	s CERAMIC 0.1uF 25V
C633	1-163-038-91	s CERAMIC 0.1uF 25V
C634	1-163-038-91	s CERAMIC 0.1uF 25V
C635	1-104-851-11	s TANTALUM 10uF 20% 10V
C636	1-163-038-91	s CERAMIC 0.1uF 25V
C637	1-163-038-91	s CERAMIC 0.1uF 25V
C638	1-163-038-91	s CERAMIC 0.1uF 25V
C639	1-163-038-91	s CERAMIC 0.1uF 25V
C640	1-104-851-11	s TANTALUM 10uF 20% 10V
C641	1-163-038-91	s CERAMIC 0.1uF 25V
C642	1-163-220-11	s CERAMIC, CHIP 3PF 50V
C643	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C644	1-163-038-91	s CERAMIC 0.1uF 25V
C645	1-163-038-91	s CERAMIC 0.1uF 25V
C646	1-104-852-11	s TANTALUM 22uF 20% 10V
C647	1-104-852-11	s TANTALUM 22uF 20% 10V
C648	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C649	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C650	1-104-851-11	s TANTALUM 10uF 20% 10V
C651	1-163-038-91	s CERAMIC 0.1uF 25V
C652	1-163-220-11	s CERAMIC, CHIP 3PF 50V
C653	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C654	1-163-038-91	s CERAMIC 0.1uF 25V
C655	1-163-038-91	s CERAMIC 0.1uF 25V
C656	1-104-852-11	s TANTALUM 22uF 20% 10V
C657	1-104-852-11	s TANTALUM 22uF 20% 10V
C658	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C659	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C660	1-113-642-11	s TANTALUM 47uF 20% 10V
C661	1-164-346-11	s CERAMIC 1uF 16V
C662	1-163-220-11	s CERAMIC, CHIP 3PF 50V
C663	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C664	1-163-038-91	s CERAMIC 0.1uF 25V
C665	1-104-852-11	s TANTALUM 22uF 20% 10V
C666	1-104-852-11	s TANTALUM 22uF 20% 10V
C667	1-163-038-91	s CERAMIC 0.1uF 25V
C668	1-104-851-11	s TANTALUM 10uF 20% 10V
C669	1-104-851-11	s TANTALUM 10uF 20% 10V
C670	1-163-038-91	s CERAMIC 0.1uF 25V
C671	1-163-038-91	s CERAMIC 0.1uF 25V
C672	1-163-038-91	s CERAMIC 0.1uF 25V
C673	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C674	1-163-038-91	s CERAMIC 0.1uF 25V
C675	1-163-038-91	s CERAMIC 0.1uF 25V
C676	1-104-851-11	s TANTALUM 10uF 20% 10V
C677	1-104-851-11	s TANTALUM 10uF 20% 10V
C678	1-163-038-91	s CERAMIC 0.1uF 25V
C679	1-104-851-11	s TANTALUM 10uF 20% 10V
C680	1-163-038-91	s CERAMIC 0.1uF 25V
C681	1-163-038-91	s CERAMIC 0.1uF 25V
C682	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C683	1-163-038-91	s CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C684	1-163-038-91	s CERAMIC 0.1uF 25V
C685	1-104-851-11	s TANTALUM 10uF 20% 10V
C686	1-104-851-11	s TANTALUM 10uF 20% 10V
C687	1-163-038-91	s CERAMIC 0.1uF 25V
C688	1-104-851-11	s TANTALUM 10uF 20% 10V
C689	1-163-038-91	s CERAMIC 0.1uF 25V
C690	1-163-038-91	s CERAMIC 0.1uF 25V
C691	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C692	1-163-038-91	s CERAMIC 0.1uF 25V
C693	1-163-038-91	s CERAMIC 0.1uF 25V
C694	1-104-851-11	s TANTALUM 10uF 20% 10V
C695	1-104-851-11	s TANTALUM 10uF 20% 10V
C696	1-163-038-91	s CERAMIC 0.1uF 25V
C697	1-163-038-91	s CERAMIC 0.1uF 25V
C698	1-163-038-91	s CERAMIC 0.1uF 25V
C699	1-163-038-91	s CERAMIC 0.1uF 25V
C700	1-163-038-91	s CERAMIC 0.1uF 25V
C701	1-163-038-91	s CERAMIC 0.1uF 25V
C702	1-163-038-91	s CERAMIC 0.1uF 25V
C703	1-163-038-91	s CERAMIC 0.1uF 25V
C704	1-163-038-91	s CERAMIC 0.1uF 25V
C705	1-163-038-91	s CERAMIC 0.1uF 25V
C706	1-163-038-91	s CERAMIC 0.1uF 25V
C707	1-163-038-91	s CERAMIC 0.1uF 25V
C708	1-163-038-91	s CERAMIC 0.1uF 25V
C709	1-163-038-91	s CERAMIC 0.1uF 25V
C710	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C711	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C712	1-163-038-91	s CERAMIC 0.1uF 25V
C713	1-104-851-11	s TANTALUM 10uF 20% 10V
C714	1-163-038-91	s CERAMIC 0.1uF 25V
C715	1-163-038-91	s CERAMIC 0.1uF 25V
C716	1-104-851-11	s TANTALUM 10uF 20% 10V
C717	1-163-038-91	s CERAMIC 0.1uF 25V
C718	1-163-038-91	s CERAMIC 0.1uF 25V
C720	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C721	1-163-257-11	s CERAMIC, CHIP 180PF 5% 50V
C722	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C723	1-163-038-91	s CERAMIC 0.1uF 25V
C724	1-163-038-91	s CERAMIC 0.1uF 25V
CN1	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN2	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN3	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN4	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN5	1-564-005-11	o CONNECTOR 6P, MALE
CNI59	1-251-046-11	o SOCKET, IC (PGA) (177P)
CP1	1-567-084-00	s VCO, CRYSTAL 14.31818MHZ
D1	8-719-974-41	s LED HLMP-6500-010, GRN
D2	8-719-974-41	s LED HLMP-6500-010, GRN
D3	8-719-104-34	s DIODE 1S2835
D4	8-719-157-23	s DIODE RD4.7M-B
D5	8-719-974-41	s LED HLMP-6500-010, GRN
D6	8-719-974-41	s LED HLMP-6500-010, GRN
D7	8-759-274-67	s IC LM4040BIM3-5.0
D8	8-719-104-34	s DIODE 1S2835
D9	8-719-157-23	s DIODE RD4.7M-B
D10	8-719-800-76	s DIODE 1SS226

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Ref. No. or Q'ty	Part No.	SP Description
D11	8-719-801-78	s DIODE 1SS184
D12	8-719-974-41	s LED HLMP-6500-010, GRN
D13	8-719-104-34	s DIODE 1S2835
D14	8-719-801-26	s LED TLR223, RED
D15	8-719-801-78	s DIODE 1SS184
D16	8-719-948-48	s DIODE HSM88AS-TL
D17	8-719-948-48	s DIODE HSM88AS-TL
D18	8-719-002-81	s DIODE 1T363
D19	8-719-800-76	s DIODE 1SS226
D20	8-719-800-76	s DIODE 1SS226
D21	8-719-800-76	s DIODE 1SS226
D22	8-719-800-76	s DIODE 1SS226
D23	8-719-159-85	s DIODE RD2.0MB
D24	8-719-104-34	s DIODE 1S2835
D25	8-719-104-34	s DIODE 1S2835
D26	8-719-104-34	s DIODE 1S2835
D27	8-719-157-23	s DIODE RD4.7M-B
D28	8-719-157-23	s DIODE RD4.7M-B
D29	8-719-801-78	s DIODE 1SS184
D600	8-719-987-43	s LED CL-150PG-CD, GRN
D601	8-719-987-43	s LED CL-150PG-CD, GRN
D602	8-719-026-38	s LED CL-150SR-CD-T, RED
D603	8-719-026-38	s LED CL-150SR-CD-T, RED
D604	8-719-104-34	s DIODE 1S2835
E1	1-535-881-21	o TERMINAL, TP
E2	1-535-881-21	o TERMINAL, TP
E3	1-535-881-21	o TERMINAL, TP
E4	1-535-881-21	o TERMINAL, TP
E5	1-535-881-21	o TERMINAL, TP
E6	1-535-881-21	o TERMINAL, TP
E7	1-535-881-21	o TERMINAL, TP
E8	1-535-881-21	o TERMINAL, TP
E9	1-535-881-21	o TERMINAL, TP
E10	1-535-881-21	o TERMINAL, TP
E11	1-535-881-21	o TERMINAL, TP
E12	1-535-881-21	o TERMINAL, TP
F1	Δ 1-576-231-11	s FUSE, TIME LAG 4A 250V
F2	Δ 1-533-817-21	s THERMISTOR, POSITIVE minismDC100-02
FL2	1-235-787-11	s FILTER, BANDPASS 3.58MHZ
FL3	1-239-913-41	s FILTER, LOW-PASS
FL4	1-234-075-11	s FILTER, LOW-PASS
FL600	1-235-787-11	s FILTER, BANDPASS 3.58MHZ
FL601	1-239-644-11	s FILTER, TRAP
FL602	1-239-913-41	s FILTER, LOW-PASS
IC1	8-759-906-53	s IC TL062CPS
IC2	8-759-906-53	s IC TL062CPS
IC3	8-759-086-41	s IC X24C02S-3.0
IC4	8-759-926-48	s IC SN74HC244NS
IC5	8-759-926-49	s IC SN74HC245NS
IC6	8-759-925-74	s IC TC74HC04ANS
IC7	8-759-186-47	s IC TC74VHC138F
IC8	8-759-154-60	s IC UPD71055GB-10-3B4
IC9	8-759-154-60	s IC UPD71055GB-10-3B4
IC10	8-759-050-39	s IC SN74HC574APW-E20
IC11	8-759-050-39	s IC SN74HC574APW-E20
IC12	8-759-082-57	s IC TC7W04FU
IC13	8-759-050-39	s IC SN74HC574APW-E20

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Ref. No. or Q'ty	Part No.	SP	Description
IC14	8-759-050-39	s IC	SN74HC574APW-E20
IC15	8-759-186-44	s IC	TC74VHC125F
IC16	8-759-186-44	s IC	TC74VHC125F
IC17	8-759-186-39	s IC	TC74VHC74F
IC18	8-759-081-44	s IC	TC74VHC04F
IC19	8-759-186-39	s IC	TC74VHC74F
IC20	8-759-927-46	s IC	SN74HC00ANS
IC21	8-759-186-39	s IC	TC74VHC74F
IC22	8-759-983-95	s IC	TL592BPS
IC23	8-759-702-08	s IC	NJM360M
IC24	8-759-702-08	s IC	NJM360M
IC25	8-759-082-57	s IC	TC7W04FU
IC26	8-759-970-59	s IC	TLC272CPS
IC27	8-752-335-47	s IC	CXD1216M
IC28	8-759-011-65	s IC	MC74HC4053F
IC29	8-759-060-72	s IC	DS1000M-75
IC30	8-759-242-64	s IC	TC4W53F
IC31	8-759-902-88	s IC	SN74LS123NS
IC32	8-759-970-59	s IC	TLC272CPS
IC33	8-759-923-69	s IC	TL074CNS
IC34	8-759-902-88	s IC	SN74LS123NS
IC35	8-759-081-44	s IC	TC74VHC04F
IC36	8-752-332-67	s IC	CXD1217M
IC37	8-759-175-27	s IC	TC74VHC574F
IC38	8-759-242-64	s IC	TC4W53F
IC39	8-752-360-44	s IC	CXK1203AR
IC40	8-759-175-27	s IC	TC74VHC574F
IC41	8-759-082-57	s IC	TC7W04FU
IC42	8-759-186-39	s IC	TC74VHC74F
IC43	8-752-360-44	s IC	CXK1203AR
IC44	8-752-360-44	s IC	CXK1203AR
IC45	8-759-926-82	s IC	SN74HC574ANS
IC47	8-759-186-63	s IC	TC74VHC245F
IC48	8-759-175-27	s IC	TC74VHC574F
IC49	8-759-186-63	s IC	TC74VHC245F
IC50	8-759-186-63	s IC	TC74VHC245F
IC51	8-759-186-63	s IC	TC74VHC245F
IC52	8-759-186-63	s IC	TC74VHC245F
IC53	8-759-175-27	s IC	TC74VHC574F
IC54	8-759-175-27	s IC	TC74VHC574F
IC55	8-759-175-27	s IC	TC74VHC574F
IC56	8-759-175-27	s IC	TC74VHC574F
IC57	8-759-186-39	s IC	TC74VHC74F
IC58	8-759-081-48	s IC	TC74VHC08F
IC59	8-759-085-91	s IC	CXD8350G
IC60	8-759-298-61	s IC	LF2250QC-33
IC61	8-752-360-44	s IC	CXK1203AR
IC62	8-752-360-44	s IC	CXK1203AR
IC63	8-752-360-44	s IC	CXK1203AR
IC64	8-759-298-71	s IC	LF2242JC-33
IC65	8-752-360-44	s IC	CXK1203AR
IC66	8-752-360-44	s IC	CXK1203AR
IC67	8-752-360-44	s IC	CXK1203AR
IC68	8-752-360-44	s IC	CXK1203AR
IC70	8-759-268-11	s IC	CXD8886Q
IC72	8-759-186-44	s IC	TC74VHC125F
IC73	8-759-186-63	s IC	TC74VHC245F
IC74	8-759-186-63	s IC	TC74VHC245F
IC75	8-759-175-27	s IC	TC74VHC574F

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Ref. No. or Q'ty	Part No.	SP	Description
IC76	8-759-175-27	s IC	TC74VHC574F
IC77	8-759-081-44	s IC	TC74VHC04F
IC78	8-752-375-98	s IC	CXD2315Q
IC79	8-752-375-98	s IC	CXD2315Q
IC80	8-752-375-98	s IC	CXD2315Q
IC81	8-759-054-61	s IC	CLC505AJE
IC82	8-759-054-61	s IC	CLC505AJE
IC83	8-759-054-61	s IC	CLC505AJE
IC84	8-752-375-98	s IC	CXD2315Q
IC85	8-752-375-98	s IC	CXD2315Q
IC86	8-752-375-98	s IC	CXD2315Q
IC89	8-759-175-27	s IC	TC74VHC574F
IC90	8-759-175-27	s IC	TC74VHC574F
IC91	8-759-160-22	s IC	CXD8337Q
IC93	8-759-081-42	s IC	TC74VHC00F
IC94	8-759-970-59	s IC	TLC272CPS
IC95	8-759-054-61	s IC	CLC505AJE
IC96	8-759-344-12	s IC	GS4981CTA
IC100	8-759-927-46	s IC	SN74HC00ANS
IC101	8-759-186-44	s IC	TC74VHC125F
IC102	8-759-175-27	s IC	TC74VHC574F
IC103	8-759-175-27	s IC	TC74VHC574F
IC104	8-759-234-20	s IC	TC7S08F
IC105	8-759-186-84	s IC	TC74VHC86F
IC106	8-759-175-27	s IC	TC74VHC574F
IC108	8-759-081-44	s IC	TC74VHC04F
IC109	8-759-926-82	s IC	SN74HC574ANS
IC111	8-759-082-57	s IC	TC7W04FU
IC112	8-759-186-39	s IC	TC74VHC74F
IC113	8-759-035-87	s IC	SC7S00F
IC114	8-759-175-27	s IC	TC74VHC574F
IC115	8-759-925-74	s IC	TC74HC04ANS
IC116	8-759-902-88	s IC	SN74LS123NS
IC117	8-759-906-53	s IC	TL062CPS
IC118	8-759-154-60	s IC	UPD71055GB-10-3B4
IC119	8-759-154-60	s IC	UPD71055GB-10-3B4
IC120	8-759-186-39	s IC	TC74VHC74F
IC121	8-759-186-44	s IC	TC74VHC125F
IC122	8-759-035-87	s IC	SC7S00F
IC123	8-759-035-87	s IC	SC7S00F
IC124	8-759-035-87	s IC	SC7S00F
IC125	8-759-186-39	s IC	TC74VHC74F
IC126	8-759-175-27	s IC	TC74VHC574F
IC127	8-759-175-27	s IC	TC74VHC574F
IC128	8-759-175-27	s IC	TC74VHC574F
IC129	8-759-175-27	s IC	TC74VHC574F
IC130	8-759-081-44	s IC	TC74VHC04F
IC131	8-759-186-54	s IC	TC74VHC164F
IC132	8-759-081-44	s IC	TC74VHC04F
IC133	8-759-186-26	s IC	TC74VHC02F
IC134	8-752-360-44	s IC	CXK1203AR
IC139	8-752-360-44	s IC	CXK1203AR
IC140	8-759-186-26	s IC	TC74VHC02F
IC200	8-759-081-44	s IC	TC74VHC04F
IC202	8-752-375-30	s IC	CXD2043Q
IC204	8-752-375-98	s IC	CXD2315Q
IC207	8-759-054-61	s IC	CLC505AJE
IC208	8-752-376-32	s IC	CXD2310AR
IC209	8-752-375-98	s IC	CXD2315Q

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Ref. No. or Q'ty	Part No.	SP Description
IC210	8-759-702-08	s IC NJM360M
IC211	8-759-037-79	s IC MC74HC163AF
IC212	8-759-069-36	s IC MC74HC4046AF
IC213	8-759-970-59	s IC TLC272CPS
IC214	8-759-186-44	s IC TC74VHC125F
IC215	8-759-327-01	s IC NJM062V(Te2)
IC216	8-759-186-39	s IC TC74VHC74F
IC600	8-759-081-44	s IC TC74VHC04F
IC601	8-759-011-65	s IC MC74HC4053F
IC602	8-759-970-59	s IC TLC272CPS
IC603	8-759-054-61	s IC CLC505AJE
IC604	8-759-186-39	s IC TC74VHC74F
IC605	8-759-702-08	s IC NJM360M
IC606	8-759-239-23	s IC TC74HC86AF
IC607	8-759-239-23	s IC TC74HC86AF
IC608	8-759-926-82	s IC SN74HC574ANS
IC609	8-759-926-82	s IC SN74HC574ANS
IC610	8-752-334-64	s IC CXD1171M
IC611	8-752-334-64	s IC CXD1171M
IC612	8-759-054-61	s IC CLC505AJE
IC613	8-759-186-44	s IC TC74VHC125F
IC614	8-759-054-61	s IC CLC505AJE
IC615	8-759-344-12	s IC GS4981CTA
IC616	8-759-054-61	s IC CLC505AJE
IC617	8-752-337-04	s IC CXD1176Q
IC618	8-752-337-04	s IC CXD1176Q
IC619	8-752-337-04	s IC CXD1176Q
IC620	8-759-482-45	o IC EPM7128SQC100-15
IC621	8-759-186-39	s IC TC74VHC74F
IC622	8-752-360-44	s IC CXK1203AR
IC623	8-759-970-59	s IC TLC272CPS
IC624	8-759-081-42	s IC TC74VHC00F
L1	1-414-529-21	s INDUCTOR CHIP 100uH
L2	1-414-529-21	s INDUCTOR CHIP 100uH
L3	1-414-529-21	s INDUCTOR CHIP 100uH
L4	1-414-529-21	s INDUCTOR CHIP 100uH
L5	1-412-029-11	s INDUCTOR CHIP 10uH
L6	1-412-029-11	s INDUCTOR CHIP 10uH
L7	1-412-030-11	s INDUCTOR CHIP 22uH
L8	1-412-030-11	s INDUCTOR CHIP 22uH
L9	1-412-030-11	s INDUCTOR CHIP 22uH
L10	1-412-029-11	s INDUCTOR CHIP 10uH
L11	1-412-030-11	s INDUCTOR CHIP 22uH
L12	1-412-030-11	s INDUCTOR CHIP 22uH
L13	1-412-030-11	s INDUCTOR CHIP 22uH
L14	1-412-029-11	s INDUCTOR CHIP 10uH
L15	1-412-029-11	s INDUCTOR CHIP 10uH
L16	1-412-030-11	s INDUCTOR CHIP 22uH
L17	1-412-030-11	s INDUCTOR CHIP 22uH
L18	1-412-030-11	s INDUCTOR CHIP 22uH
L19	1-412-029-11	s INDUCTOR CHIP 10uH
L20	1-412-030-11	s INDUCTOR CHIP 22uH
L21	1-412-030-11	s INDUCTOR CHIP 22uH
L22	1-412-030-11	s INDUCTOR CHIP 22uH
L23	1-412-030-11	s INDUCTOR CHIP 22uH
L24	1-412-030-11	s INDUCTOR CHIP 22uH
L25	1-412-027-11	s INDUCTOR CHIP 2.2uH
L26	1-412-029-11	s INDUCTOR CHIP 10uH

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Ref. No. or Q'ty	Part No.	SP Description
L27	1-412-030-11	s INDUCTOR CHIP 22uH
L28	1-412-030-11	s INDUCTOR CHIP 22uH
L29	1-412-030-11	s INDUCTOR CHIP 22uH
L30	1-412-030-11	s INDUCTOR CHIP 22uH
L31	1-412-030-11	s INDUCTOR CHIP 22uH
L32	1-412-030-11	s INDUCTOR CHIP 22uH
L33	1-412-030-11	s INDUCTOR CHIP 22uH
L35	1-412-028-11	s INDUCTOR CHIP 4.7uH
L36	1-412-029-11	s INDUCTOR CHIP 10uH
L37	1-412-027-11	s INDUCTOR CHIP 2.2uH
L38	1-412-029-11	s INDUCTOR CHIP 10uH
L39	1-412-029-11	s INDUCTOR CHIP 10uH
L40	1-412-029-11	s INDUCTOR CHIP 10uH
L41	1-412-029-11	s INDUCTOR CHIP 10uH
L42	1-412-029-11	s INDUCTOR CHIP 10uH
L43	1-412-029-11	s INDUCTOR CHIP 10uH
L44	1-412-029-11	s INDUCTOR CHIP 10uH
L45	1-412-029-11	s INDUCTOR CHIP 10uH
L46	1-412-029-11	s INDUCTOR CHIP 10uH
L47	1-412-029-11	s INDUCTOR CHIP 10uH
L48	1-412-029-11	s INDUCTOR CHIP 10uH
L49	1-412-030-11	s INDUCTOR CHIP 22uH
L50	1-412-030-11	s INDUCTOR CHIP 22uH
L51	1-412-029-11	s INDUCTOR CHIP 10uH
L52	1-412-029-11	s INDUCTOR CHIP 10uH
L53	1-412-029-11	s INDUCTOR CHIP 10uH
L54	1-412-029-11	s INDUCTOR CHIP 10uH
L55	1-412-029-11	s INDUCTOR CHIP 10uH
L56	1-412-029-11	s INDUCTOR CHIP 10uH
L57	1-412-027-11	s INDUCTOR CHIP 2.2uH
L58	1-412-029-11	s INDUCTOR CHIP 10uH
L59	1-412-029-11	s INDUCTOR CHIP 10uH
L60	1-412-029-11	s INDUCTOR CHIP 10uH
L61	1-412-029-11	s INDUCTOR CHIP 10uH
L62	1-412-029-11	s INDUCTOR CHIP 10uH
L63	1-412-029-11	s INDUCTOR CHIP 10uH
L64	1-412-030-11	s INDUCTOR CHIP 22uH
L65	1-412-030-11	s INDUCTOR CHIP 22uH
L66	1-412-029-11	s INDUCTOR CHIP 10uH
L67	1-412-030-11	s INDUCTOR CHIP 22uH
L71	1-412-030-11	s INDUCTOR CHIP 22uH
L77	1-412-030-11	s INDUCTOR CHIP 22uH
L78	1-412-030-11	s INDUCTOR CHIP 22uH
L86	1-412-029-11	s INDUCTOR CHIP 10uH
L87	1-412-030-11	s INDUCTOR CHIP 22uH
L101	1-412-030-11	s INDUCTOR CHIP 22uH
L102	1-412-030-11	s INDUCTOR CHIP 22uH
L103	1-412-030-11	s INDUCTOR CHIP 22uH
L104	1-412-030-11	s INDUCTOR CHIP 22uH
L112	1-412-030-11	s INDUCTOR CHIP 22uH
L113	1-412-030-11	s INDUCTOR CHIP 22uH
L114	1-412-030-11	s INDUCTOR CHIP 22uH
L115	1-412-030-11	s INDUCTOR CHIP 22uH
L116	1-412-030-11	s INDUCTOR CHIP 22uH
L117	1-412-029-11	s INDUCTOR CHIP 10uH
L118	1-412-030-11	s INDUCTOR CHIP 22uH
L119	1-412-030-11	s INDUCTOR CHIP 22uH
L120	1-412-029-11	s INDUCTOR CHIP 10uH
L121	1-412-030-11	s INDUCTOR CHIP 22uH

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Ref. No. or Q'ty	Part No.	SP Description
L122	1-412-030-11	s INDUCTOR CHIP 22uH
L123	1-412-030-11	s INDUCTOR CHIP 22uH
L124	1-412-030-11	s INDUCTOR CHIP 22uH
L125	1-412-030-11	s INDUCTOR CHIP 22uH
L126	1-412-028-11	s INDUCTOR CHIP 4.7uH
L127	1-412-030-11	s INDUCTOR CHIP 22uH
L128	1-412-030-11	s INDUCTOR CHIP 22uH
L129	1-412-030-11	s INDUCTOR CHIP 22uH
L130	1-412-030-11	s INDUCTOR CHIP 22uH
L131	1-412-030-11	s INDUCTOR CHIP 22uH
L600	1-412-030-11	s INDUCTOR CHIP 22uH
L601	1-412-030-11	s INDUCTOR CHIP 22uH
L602	1-412-030-11	s INDUCTOR CHIP 22uH
L603	1-412-030-11	s INDUCTOR CHIP 22uH
L604	1-412-030-11	s INDUCTOR CHIP 22uH
L605	1-412-030-11	s INDUCTOR CHIP 22uH
L606	1-412-030-11	s INDUCTOR CHIP 22uH
L607	1-412-029-11	s INDUCTOR CHIP 10uH
L608	1-412-030-11	s INDUCTOR CHIP 22uH
L609	1-412-030-11	s INDUCTOR CHIP 22uH
L610	1-412-030-11	s INDUCTOR CHIP 22uH
L611	1-412-030-11	s INDUCTOR CHIP 22uH
L612	1-412-030-11	s INDUCTOR CHIP 22uH
L613	1-412-030-11	s INDUCTOR CHIP 22uH
L614	1-412-030-11	s INDUCTOR CHIP 22uH
L615	1-412-030-11	s INDUCTOR CHIP 22uH
L616	1-412-030-11	s INDUCTOR CHIP 22uH
L617	1-412-030-11	s INDUCTOR CHIP 22uH
L618	1-412-030-11	s INDUCTOR CHIP 22uH
L619	1-412-030-11	s INDUCTOR CHIP 22uH
L620	1-412-030-11	s INDUCTOR CHIP 22uH
L621	1-412-030-11	s INDUCTOR CHIP 22uH
L622	1-412-030-11	s INDUCTOR CHIP 22uH
L623	1-412-030-11	s INDUCTOR CHIP 22uH
L624	1-412-030-11	s INDUCTOR CHIP 22uH
L625	1-412-030-11	s INDUCTOR CHIP 22uH
L626	1-410-656-11	s INDUCTOR, CHIP 150uH
LV1	1-407-927-00	s COIL, VAR 10uH
LV3	1-408-844-00	s INDUCTOR, VAR, 22uH
Q1	8-729-113-13	s TRANSISTOR FA1A4M-L33
Q2	8-729-807-51	s TRANSISTOR 2SD1623-S
Q3	8-729-113-13	s TRANSISTOR FA1A4M-L33
Q4	8-729-807-51	s TRANSISTOR 2SD1623-S
Q5	8-729-122-63	s TRANSISTOR 2SA1226
Q6	8-729-122-63	s TRANSISTOR 2SA1226
Q7	8-729-122-63	s TRANSISTOR 2SA1226
Q8	8-729-122-63	s TRANSISTOR 2SA1226
Q9	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q10	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q11	8-729-122-63	s TRANSISTOR 2SA1226
Q12	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q13	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q14	8-729-122-63	s TRANSISTOR 2SA1226
Q15	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q16	8-729-122-63	s TRANSISTOR 2SA1226
Q17	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q18	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q19	8-729-122-63	s TRANSISTOR 2SA1226

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Ref. No. or Q'ty	Part No.	SP Description
Q20	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q21	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q22	8-729-320-17	s TRANSISTOR 2SA1122CD
Q23	8-729-320-17	s TRANSISTOR 2SA1122CD
Q24	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q25	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q26	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q27	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q28	8-729-320-17	s TRANSISTOR 2SA1122CD
Q29	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q30	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q600	8-729-216-22	s TRANSISTOR 2SA1162
Q601	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q602	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
R1	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R2	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R3	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R4	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R5	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R6	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R7	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R8	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R9	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R10	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R11	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R12	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R13	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R14	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R15	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R16	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R17	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R18	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R19	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R20	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R21	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R22	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R23	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R24	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R25	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R26	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R27	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R28	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R29	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R30	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R31	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R32	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R33	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R34	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R35	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R36	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R37	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R38	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R39	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R40	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R41	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R42	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R43	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R44	1-218-754-11	s METAL, CHIP 120K 0.50% 1/10W
R45	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R46	1-218-776-11	s METAL 1M 0.5% 1/10W
R47	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R48	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R49	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R50	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R51	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R52	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R53	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R54	1-218-756-11	s METAL 150K 0.5% 1/10W
R55	1-218-776-11	s METAL 1M 0.5% 1/10W
R56	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R57	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R58	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R59	1-218-756-11	s METAL 150K 0.5% 1/10W
R60	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R61	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R62	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R63	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R64	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R65	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R66	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R67	1-218-756-11	s METAL 150K 0.5% 1/10W
R68	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R69	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R70	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R71	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R72	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R73	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R74	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R75	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R76	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R77	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R78	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R79	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R80	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R81	1-216-685-11	s METAL, CHIP 27K 0.5% 1/10W
R82	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R83	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R84	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R85	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R86	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R87	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R88	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R89	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R90	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R91	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R92	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R93	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R94	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R95	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R96	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R97	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R98	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R99	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R100	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R101	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R102	1-216-685-11	s METAL, CHIP 27K 0.5% 1/10W
R103	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R104	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R105	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R106	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R107	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R108	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R109	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R110	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R111	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R112	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R113	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R114	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R115	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R116	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R117	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R118	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R119	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R120	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R121	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R122	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R123	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R124	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R125	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R126	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R127	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R128	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R129	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R130	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R131	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R132	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R133	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R134	1-218-776-11	s METAL 1M 0.5% 1/10W
R135	1-218-776-11	s METAL 1M 0.5% 1/10W
R136	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R137	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R138	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R139	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R140	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R141	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R142	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R143	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R144	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R145	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R147	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R148	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R149	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R150	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R151	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R152	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R153	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R154	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R155	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R156	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R157	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R158	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R159	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R160	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R161	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R162	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R163	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R164	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R165	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R166	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R167	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R168	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R169	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R170	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R171	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R172	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R173	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R174	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R175	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R176	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R177	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R178	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R179	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R180	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R181	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R182	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R183	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R184	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R185	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R186	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R187	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R188	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R189	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R190	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R191	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R192	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R193	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R194	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R195	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R196	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R197	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R198	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R199	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R200	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R201	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R202	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R203	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R204	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R205	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R206	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R207	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R208	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R209	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R210	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R211	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R212	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R213	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R214	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R215	1-216-637-11	s METAL, CHIP 270 0.5% 1/10W
R216	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R217	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R218	1-216-637-11	s METAL, CHIP 270 0.5% 1/10W
R219	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R220	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R221	1-218-754-11	s METAL, CHIP 120K 0.50% 1/10W
R222	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R223	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R224	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R225	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R226	1-216-295-91	s RES, CHIP 0
R227	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R228	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R229	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R230	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R231	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R232	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R233	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R234	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R235	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R236	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R237	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R238	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R239	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R240	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R241	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R242	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R243	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R244	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R245	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R246	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R247	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R248	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R249	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R250	1-216-295-91	s RES, CHIP 0
R251	1-216-295-91	s RES, CHIP 0
R252	1-216-295-91	s RES, CHIP 0
R253	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R254	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R255	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R260	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R261	1-216-295-91	s RES, CHIP 0
R262	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R263	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R264	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R266	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R267	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R268	1-218-772-11	s METAL 680K 0.5% 1/10W
R269	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R272	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R274	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R276	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R280	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R284	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R285	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R286	1-218-756-11	s METAL 150K 0.5% 1/10W
R287	1-218-756-11	s METAL 150K 0.5% 1/10W
R288	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R289	1-216-679-11	s METAL, CHIP 15K 0.5% 1/10W
R290	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R291	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R292	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R293	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R294	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R295	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R296	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R298	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R299	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R300	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R301	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R302	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R304	1-218-760-11	s METAL, CHIP 220K 0.5% 1/10W
R305	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R306	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R307	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R308	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R309	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R310	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R311	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R312	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R313	1-216-637-11	s METAL, CHIP 270 0.5% 1/10W
R314	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R315	1-216-637-11	s METAL, CHIP 270 0.5% 1/10W
R316	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R317	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R318	1-218-754-11	s METAL, CHIP 120K 0.5% 1/10W
R319	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R321	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R322	1-218-754-11	s METAL, CHIP 120K 0.5% 1/10W
R323	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R325	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R326	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R327	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R328	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R329	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R330	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R331	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R332	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R333	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R334	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R335	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R336	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R337	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R338	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R339	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R340	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R341	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R342	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R343	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R344	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R345	1-216-686-11	s METAL, CHIP 30K 0.5% 1/10W
R346	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R347	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R348	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R349	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R350	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R351	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R352	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R353	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R354	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R355	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R356	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R357	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R358	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R359	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R360	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R361	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R362	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R363	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R364	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R365	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R366	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R369	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R372	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R373	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R401	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R402	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R403	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R404	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R406	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R407	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R417	1-216-295-91	s RES, CHIP 0
R420	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R421	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R429	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R430	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R432	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R433	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R434	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R435	1-216-295-91	s RES, CHIP 0
R437	1-216-295-91	s RES, CHIP 0
R438	1-216-295-91	s RES, CHIP 0
R439	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R440	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R441	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R442	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R443	1-216-295-91	s RES, CHIP 0
R444	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R445	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R446	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R447	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R448	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R450	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R451	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R452	1-216-295-91	s RES, CHIP 0
R453	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R460	1-216-295-91	s RES, CHIP 0
R461	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R462	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R463	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R464	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R466	1-216-295-91	s RES, CHIP 0
R467	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R468	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R469	1-216-637-11	s METAL, CHIP 270 0.5% 1/10W
R470	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R471	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R472	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R473	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R474	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R475	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R476	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R477	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R478	1-216-295-91	s RES, CHIP 0
R479	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R480	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R481	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R482	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R483	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R484	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R485	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R486	1-216-295-91	s RES, CHIP 0
R487	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R488	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R489	1-216-295-91	s RES, CHIP 0
R490	1-216-295-91	s RES, CHIP 0
R491	1-216-295-91	s RES, CHIP 0
R492	1-216-295-91	s RES, CHIP 0
R493	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R494	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R600	1-216-615-11	s METAL, CHIP 33 0.5% 1/10W
R601	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R602	1-216-295-91	s RES, CHIP 0
R603	1-216-295-91	s RES, CHIP 0
R605	1-216-295-91	s RES, CHIP 0
R607	1-216-295-91	s RES, CHIP 0
R608	1-216-295-91	s RES, CHIP 0
R609	1-216-295-91	s RES, CHIP 0
R610	1-216-295-91	s RES, CHIP 0
R611	1-216-295-91	s RES, CHIP 0
R612	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R613	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R614	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R615	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R616	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R617	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R618	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R619	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R620	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R621	1-216-295-91	s RES, CHIP 0
R622	1-216-295-91	s RES, CHIP 0
R623	1-216-295-91	s RES, CHIP 0
R624	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R625	1-216-295-91	s RES, CHIP 0
R626	1-216-295-91	s RES, CHIP 0
R627	1-216-295-91	s RES, CHIP 0
R628	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R629	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R630	1-216-295-91	s RES, CHIP 0
R631	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R632	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R633	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R634	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R635	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R636	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R637	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R638	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R639	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R640	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R641	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R642	1-216-295-91	s RES, CHIP 0
R643	1-216-295-91	s RES, CHIP 0
R644	1-216-295-91	s RES, CHIP 0
R645	1-216-295-91	s RES, CHIP 0

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Ref. No. or Q'ty	Part No.	SP Description
R650	1-216-621-11	s METAL, CHIP 56 0.5% 1/10W
R651	1-216-295-91	s RES, CHIP 0
R652	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R653	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R654	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R655	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R656	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R657	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R658	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R659	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R660	1-216-685-11	s METAL, CHIP 27K 0.5% 1/10W
R661	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R662	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R663	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R664	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R665	1-216-685-11	s METAL, CHIP 27K 0.5% 1/10W
R666	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R667	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R668	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R669	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R670	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R671	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R672	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R673	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R675	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R679	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R680	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R681	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R682	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R683	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R684	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R685	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R689	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R691	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R692	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R693	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R694	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R695	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R696	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R697	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R698	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R699	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R700	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R701	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R702	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R703	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R704	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R705	1-216-295-91	s RES, CHIP 0
R706	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R707	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R708	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R709	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R710	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R711	1-216-295-91	s RES, CHIP 0
R712	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R713	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R714	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R715	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R716	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R717	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R718	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R719	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R720	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R721	1-216-295-91	s RES, CHIP 0
R723	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R725	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R726	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R727	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R728	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R729	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R730	1-216-637-11	s METAL, CHIP 270 0.5% 1/10W
R731	1-216-295-91	s RES, CHIP 0
R732	1-216-295-91	s RES, CHIP 0
R733	1-216-295-91	s RES, CHIP 0
R736	1-216-295-91	s RES, CHIP 0
R737	1-216-295-91	s RES, CHIP 0
R738	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R739	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R740	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R741	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R742	1-216-295-91	s RES, CHIP 0
R743	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R744	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R745	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R746	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R747	1-218-772-11	s METAL 680K 0.5% 1/10W
R748	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R749	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R750	1-216-295-91	s RES, CHIP 0
R751	1-216-295-91	s RES, CHIP 0
R752	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R753	1-216-295-91	s RES, CHIP 0
R754	1-216-295-91	s RES, CHIP 0
R755	1-216-295-91	s RES, CHIP 0
R756	1-216-295-91	s RES, CHIP 0
R758	1-216-295-91	s RES, CHIP 0
R759	1-216-295-91	s RES, CHIP 0
R760	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R761	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R762	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R763	1-216-295-91	s RES, CHIP 0
R764	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R765	1-216-295-91	s RES, CHIP 0
R766	1-216-295-91	s RES, CHIP 0
R767	1-216-295-91	s RES, CHIP 0
R768	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R769	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R770	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R771	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R775	1-216-295-91	s RES, CHIP 0
R776	1-216-295-91	s RES, CHIP 0
R777	1-216-295-91	s RES, CHIP 0
R778	1-216-295-91	s RES, CHIP 0
R779	1-216-295-91	s RES, CHIP 0
R781	1-216-295-91	s RES, CHIP 0
R782	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R783	1-216-295-91	s RES, CHIP 0

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Ref. No. or Q'ty	Part No.	SP Description
RB1	1-239-310-11	s RES, ARRAY CHIP 220K
RB2	1-239-412-11	s RES, NETWORK CHIP 100X4
RB3	1-239-412-11	s RES, NETWORK CHIP 100X4
RB4	1-239-310-11	s RES, ARRAY CHIP 220K
RB5	1-239-412-11	s RES, NETWORK CHIP 100X4
RB6	1-239-412-11	s RES, NETWORK CHIP 100X4
RB7	1-239-310-11	s RES, ARRAY CHIP 220K
RB8	1-239-310-11	s RES, ARRAY CHIP 220K
RB9	1-239-409-11	s RES, NETWORK CHIP 47X4
RB11	1-239-310-11	s RES, ARRAY CHIP 220K
RB12	1-239-310-11	s RES, ARRAY CHIP 220K
RB13	1-239-310-11	s RES, ARRAY CHIP 220K
RB14	1-239-310-11	s RES, ARRAY CHIP 220K
RB15	1-239-409-11	s RES, NETWORK CHIP 47X4
RB16	1-239-409-11	s RES, NETWORK CHIP 47X4
RB17	1-239-409-11	s RES, NETWORK CHIP 47X4
RB18	1-239-409-11	s RES, NETWORK CHIP 47X4
RB19	1-239-409-11	s RES, NETWORK CHIP 47X4
RB20	1-239-409-11	s RES, NETWORK CHIP 47X4
RB21	1-239-409-11	s RES, NETWORK CHIP 47X4
RB22	1-239-409-11	s RES, NETWORK CHIP 47X4
RB23	1-239-409-11	s RES, NETWORK CHIP 47X4
RB24	1-239-409-11	s RES, NETWORK CHIP 47X4
RB25	1-239-409-11	s RES, NETWORK CHIP 47X4
RB26	1-239-409-11	s RES, NETWORK CHIP 47X4
RB27	1-239-409-11	s RES, NETWORK CHIP 47X4
RB28	1-239-409-11	s RES, NETWORK CHIP 47X4
RB29	1-239-409-11	s RES, NETWORK CHIP 47X4
RB30	1-239-409-11	s RES, NETWORK CHIP 47X4
RB31	1-239-409-11	s RES, NETWORK CHIP 47X4
RB32	1-239-409-11	s RES, NETWORK CHIP 47X4
RB33	1-239-409-11	s RES, NETWORK CHIP 47X4
RB34	1-239-409-11	s RES, NETWORK CHIP 47X4
RB35	1-239-409-11	s RES, NETWORK CHIP 47X4
RB36	1-239-409-11	s RES, NETWORK CHIP 47X4
RB37	1-239-409-11	s RES, NETWORK CHIP 47X4
RB38	1-239-409-11	s RES, NETWORK CHIP 47X4
RB39	1-239-409-11	s RES, NETWORK CHIP 47X4
RB40	1-239-409-11	s RES, NETWORK CHIP 47X4
RB41	1-239-409-11	s RES, NETWORK CHIP 47X4
RB42	1-239-409-11	s RES, NETWORK CHIP 47X4
RB43	1-239-409-11	s RES, NETWORK CHIP 47X4
RB44	1-239-409-11	s RES, NETWORK CHIP 47X4
RB45	1-239-409-11	s RES, NETWORK CHIP 47X4
RB46	1-239-409-11	s RES, NETWORK CHIP 47X4
RB47	1-239-310-11	s RES, ARRAY CHIP 220K
RB48	1-239-310-11	s RES, ARRAY CHIP 220K
RB49	1-239-409-11	s RES, NETWORK CHIP 47X4
RB50	1-239-409-11	s RES, NETWORK CHIP 47X4
RB51	1-239-409-11	s RES, NETWORK CHIP 47X4
RB52	1-239-409-11	s RES, NETWORK CHIP 47X4
RB53	1-239-409-11	s RES, NETWORK CHIP 47X4
RB54	1-239-409-11	s RES, NETWORK CHIP 47X4
RB55	1-239-409-11	s RES, NETWORK CHIP 47X4
RB59	1-239-409-11	s RES, NETWORK CHIP 47X4
RB60	1-239-409-11	s RES, NETWORK CHIP 47X4
RB61	1-239-409-11	s RES, NETWORK CHIP 47X4
RB62	1-239-409-11	s RES, NETWORK CHIP 47X4
RB63	1-239-409-11	s RES, NETWORK CHIP 47X4

(IF-704A/B BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RB64	1-239-409-11	s RES, NETWORK CHIP 47X4
RB65	1-239-409-11	s RES, NETWORK CHIP 47X4
RB66	1-239-409-11	s RES, NETWORK CHIP 47X4
RB67	1-239-409-11	s RES, NETWORK CHIP 47X4
RB68	1-239-409-11	s RES, NETWORK CHIP 47X4
RB69	1-239-409-11	s RES, NETWORK CHIP 47X4
RB101	1-239-409-11	s RES, NETWORK CHIP 47X4
RB103	1-239-409-11	s RES, NETWORK CHIP 47X4
RB104	1-239-409-11	s RES, NETWORK CHIP 47X4
RB600	1-239-444-11	s RES, NETWORK CHIP 220KX4
RB601	1-236-908-11	s RES, NETWORK CHIP 10KX4
RB602	1-239-409-11	s RES, NETWORK CHIP 47X4
RB603	1-239-409-11	s RES, NETWORK CHIP 47X4
RB604	1-239-409-11	s RES, NETWORK CHIP 47X4
RB605	1-239-409-11	s RES, NETWORK CHIP 47X4
RB606	1-239-409-11	s RES, NETWORK CHIP 47X4
RB607	1-239-409-11	s RES, NETWORK CHIP 47X4
RB608	1-239-444-11	s RES, NETWORK CHIP 220KX4
RS1	1-216-295-91	s RES, CHIP 0
RS4	1-216-295-91	s RES, CHIP 0
RS5	1-216-295-91	s RES, CHIP 0
RS6	1-216-295-91	s RES, CHIP 0
RS9	1-216-295-91	s RES, CHIP 0
RS10	1-216-295-91	s RES, CHIP 0
RS12	1-216-295-91	s RES, CHIP 0
RS14	1-216-295-91	s RES, CHIP 0
RS15	1-216-295-91	s RES, CHIP 0
RS16	1-216-295-91	s RES, CHIP 0
RS17	1-216-295-91	s RES, CHIP 0
RS20	1-216-295-91	s RES, CHIP 0
RS21	1-216-295-91	s RES, CHIP 0
RS22	1-216-295-91	s RES, CHIP 0
RS23	1-216-295-91	s RES, CHIP 0
RS24	1-216-295-91	s RES, CHIP 0
RS25	1-216-295-91	s RES, CHIP 0
RS26	1-216-295-91	s RES, CHIP 0
RS27	1-216-295-91	s RES, CHIP 0
RS28	1-216-295-91	s RES, CHIP 0
RS29	1-216-295-91	s RES, CHIP 0
RS30	1-216-295-91	s RES, CHIP 0
RS31	1-216-295-91	s RES, CHIP 0
RS32	1-216-295-91	s RES, CHIP 0
RS33	1-216-295-91	s RES, CHIP 0
RS41	1-216-295-91	s RES, CHIP 0
RS53	1-216-295-91	s RES, CHIP 0
RS54	1-216-295-91	s RES, CHIP 0
RS55	1-216-295-91	s RES, CHIP 0
RS56	1-216-295-91	s RES, CHIP 0
RS57	1-216-295-91	s RES, CHIP 0
RS58	1-216-295-91	s RES, CHIP 0
RS59	1-216-295-91	s RES, CHIP 0
RS60	1-216-295-91	s RES, CHIP 0
RS61	1-216-295-91	s RES, CHIP 0
RS62	1-216-295-91	s RES, CHIP 0
RS69	1-216-295-91	s RES, CHIP 0
RS70	1-216-295-91	s RES, CHIP 0
RS71	1-216-295-91	s RES, CHIP 0
RS74	1-216-295-91	s RES, CHIP 0

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Ref. No. or Q'ty	Part No.	SP Description
RS75	1-216-295-91	s RES, CHIP 0
RS76	1-216-295-91	s RES, CHIP 0
RS77	1-216-295-91	s RES, CHIP 0
RS78	1-216-295-91	s RES, CHIP 0
RS79	1-216-295-91	s RES, CHIP 0
RS80	1-216-295-91	s RES, CHIP 0
RS84	1-216-295-91	s RES, CHIP 0
RS85	1-216-295-91	s RES, CHIP 0
RS86	1-216-295-91	s RES, CHIP 0
RS87	1-216-295-91	s RES, CHIP 0
RS88	1-216-295-91	s RES, CHIP 0
RS89	1-216-295-91	s RES, CHIP 0
RS91	1-216-295-91	s RES, CHIP 0
RS92	1-216-295-91	s RES, CHIP 0
RS93	1-216-295-91	s RES, CHIP 0
RS94	1-216-295-91	s RES, CHIP 0
RS95	1-216-295-91	s RES, CHIP 0
RS96	1-216-295-91	s RES, CHIP 0
RS97	1-216-295-91	s RES, CHIP 0
RS98	1-216-295-91	s RES, CHIP 0
RS99	1-216-295-91	s RES, CHIP 0
RS100	1-216-295-91	s RES, CHIP 0
RS101	1-216-295-91	s RES, CHIP 0
RS102	1-216-295-91	s RES, CHIP 0
RS103	1-216-295-91	s RES, CHIP 0
RS104	1-216-295-91	s RES, CHIP 0
RS105	1-216-295-91	s RES, CHIP 0
RS106	1-216-295-91	s RES, CHIP 0
RS107	1-216-295-91	s RES, CHIP 0
RS108	1-216-295-91	s RES, CHIP 0
RS109	1-216-295-91	s RES, CHIP 0
RS110	1-216-295-91	s RES, CHIP 0
RS111	1-216-295-91	s RES, CHIP 0
RS123	1-216-295-91	s RES, CHIP 0
RS124	1-216-295-91	s RES, CHIP 0
RS132	1-216-295-91	s RES, CHIP 0
RS134	1-216-295-91	s RES, CHIP 0
RS136	1-216-295-91	s RES, CHIP 0
RS139	1-216-295-91	s RES, CHIP 0
RS143	1-216-295-91	s RES, CHIP 0
RS144	1-216-295-91	s RES, CHIP 0
RS145	1-216-295-91	s RES, CHIP 0
RS146	1-216-295-91	s RES, CHIP 0
RS147	1-216-295-91	s RES, CHIP 0
RS153	1-216-295-91	s RES, CHIP 0
RS156	1-216-295-91	s RES, CHIP 0
RS157	1-216-295-91	s RES, CHIP 0
RS158	1-216-295-91	s RES, CHIP 0
RS160	1-216-295-91	s RES, CHIP 0
RS164	1-216-295-91	s RES, CHIP 0
RS169	1-216-295-91	s RES, CHIP 0
RS170	1-216-295-91	s RES, CHIP 0
RS171	1-216-295-91	s RES, CHIP 0
RS175	1-216-295-91	s RES, CHIP 0
RS600	1-216-295-91	s RES, CHIP 0
RS601	1-216-295-91	s RES, CHIP 0
RS602	1-216-295-91	s RES, CHIP 0
RS603	1-216-295-91	s RES, CHIP 0

(IF-704A/B BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RV1	1-237-035-11	s RES, ADJ METAL 5K
RV2	1-237-035-11	s RES, ADJ METAL 5K
RV3	1-237-034-11	s RES, ADJ METAL 2K
RV4	1-237-034-11	s RES, ADJ METAL 2K
RV5	1-228-474-00	s RES, ADJ METAL 10K
RV6	1-228-474-00	s RES, ADJ METAL 10K
RV7	1-237-033-11	s RES, ADJ METAL 1K
RV8	1-237-033-11	s RES, ADJ METAL 1K
RV9	1-237-033-11	s RES, ADJ METAL 1K
RV10	1-228-474-00	s RES, ADJ METAL 10K
RV11	1-237-032-11	s RES, ADJ METAL 500
RV12	1-228-474-00	s RES, ADJ METAL 10K
RV13	1-228-474-00	s RES, ADJ METAL 10K
RV14	1-228-474-00	s RES, ADJ METAL 10K
RV15	1-237-033-11	s RES, ADJ METAL 1K
RV16	1-237-033-11	s RES, ADJ METAL 1K
RV17	1-237-033-11	s RES, ADJ METAL 1K
RV18	1-228-474-00	s RES, ADJ METAL 10K
RV21	1-237-033-11	s RES, ADJ METAL 1K
RV22	1-237-036-11	s RES, ADJ METAL 10K
RV23	1-237-035-11	s RES, ADJ METAL 5K
RV24	1-237-035-11	s RES, ADJ METAL 5K
RV25	1-237-033-11	s RES, ADJ METAL 1K
RV26	1-237-033-11	s RES, ADJ METAL 1K
RV27	1-237-038-11	s RES, ADJ METAL 50K
RV32	1-237-033-11	s RES, ADJ METAL 1K
RV600	1-237-031-11	s RES, ADJ METAL 200
RV601	1-237-035-11	s RES, ADJ METAL 5K
RV603	1-237-034-11	s RES, ADJ METAL 2K
RV604	1-237-034-11	s RES, ADJ METAL 2K
RV605	1-237-034-11	s RES, ADJ METAL 2K
RV606	1-237-035-11	s RES, ADJ METAL 5K
S1	1-762-117-11	s SWITCH, ROTARY
S2	1-762-117-11	s SWITCH, ROTARY
S3	1-570-711-11	s SWITCH, SLIDE
S4	1-570-711-11	s SWITCH, SLIDE
S5	1-692-270-41	s SWITCH, SLIDE
S6	1-570-711-11	s SWITCH, SLIDE
S7	1-570-711-11	s SWITCH, SLIDE
S8	1-570-711-11	s SWITCH, SLIDE
S9	1-572-658-21	s SWITCH, ROTARY
S10	1-572-658-21	s SWITCH, ROTARY
S11	1-572-658-21	s SWITCH, ROTARY
S12	1-692-270-41	s SWITCH, SLIDE
S15	1-570-711-11	s SWITCH, SLIDE
S600	1-572-658-21	s SWITCH, ROTARY
X1	1-577-089-11	s VCO, CRYSTAL 14.318180MHZ
X3	1-577-089-11	s VCO, CRYSTAL 14.318180MHZ
X600	1-577-089-11	s VCO, CRYSTAL 14.318180MHZ

VDA-35 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8273-733-A	o MOUNTED CIRCUIT BOARD, VDA-35
1pc	1-561-376-00	s CONNECTOR, 4P, FEMALE
1pc	1-569-194-11	o CONTACT, FEMALE AWG24-30
1pc	1-569-197-11	o HOUSING 4P
1pc	3-603-240-02	o BNC PANEL (VDA)
3pcs	7-682-903-11	s SCREW +PWH 3X6
1pc	1-563-859-11	s PLUG, SHORTING
1pc	3-605-669-02	o SPRING, SHIELD
6pcs	7-682-546-04	s SCREW +B 3X5
1pc	1-956-087-11	o HARNESS (WF-CTL)
C1	1-163-038-91	s CERAMIC 0.1uF 25V
C2	1-163-038-91	s CERAMIC 0.1uF 25V
C3	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C4	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C5	1-107-854-11	s TANTALUM 68uF 20% 6.3V
C6	1-107-854-11	s TANTALUM 68uF 20% 6.3V
C7	1-163-038-91	s CERAMIC 0.1uF 25V
C8	1-163-038-91	s CERAMIC 0.1uF 25V
C9	1-164-505-11	s CERAMIC 2.2uF 16V
C10	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C11	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C12	1-163-038-91	s CERAMIC 0.1uF 25V
C13	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C14	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C15	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C16	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C17	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C18	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C19	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C20	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C21	1-163-038-91	s CERAMIC 0.1uF 25V
C22	1-163-038-91	s CERAMIC 0.1uF 25V
C23	1-163-038-91	s CERAMIC 0.1uF 25V
C24	1-163-038-91	s CERAMIC 0.1uF 25V
C25	1-163-038-91	s CERAMIC 0.1uF 25V
C26	1-163-038-91	s CERAMIC 0.1uF 25V
C27	1-163-038-91	s CERAMIC 0.1uF 25V
C28	1-163-038-91	s CERAMIC 0.1uF 25V
C29	1-163-038-91	s CERAMIC 0.1uF 25V
C37	1-135-180-21	s TANTALUM, CHIP 33uF 10% 10V
C38	1-163-038-91	s CERAMIC 0.1uF 25V
C39	1-135-180-21	s TANTALUM, CHIP 33uF 10% 10V
C40	1-163-038-91	s CERAMIC 0.1uF 25V
C41	1-163-038-91	s CERAMIC 0.1uF 25V
C42	1-135-180-21	s TANTALUM, CHIP 33uF 10% 10V
C43	1-163-038-91	s CERAMIC 0.1uF 25V
C44	1-135-180-21	s TANTALUM, CHIP 33uF 10% 10V
C45	1-135-180-21	s TANTALUM, CHIP 33uF 10% 10V
C46	1-163-038-91	s CERAMIC 0.1uF 25V
C47	1-163-038-91	s CERAMIC 0.1uF 25V
C48	1-135-180-21	s TANTALUM, CHIP 33uF 10% 10V
C49	1-104-852-11	s TANTALUM 22uF 20% 10V
C50	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C51	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C52	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C53	1-104-852-11	s TANTALUM 22uF 20% 10V
C54	1-163-038-91	s CERAMIC 0.1uF 25V
C55	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C56	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C57	1-104-914-11	s TANTALUM 22uF 20% 16V
C58	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C61	1-163-259-91	s CERAMIC 220PF 5% 50V
C63	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C64	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C65	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C66	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C67	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C68	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C69	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C70	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C71	1-163-038-91	s CERAMIC 0.1uF 25V
C72	1-163-038-91	s CERAMIC 0.1uF 25V
C73	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C74	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C76	1-163-231-11	s CERAMIC 15PF 5% 50V
C77	1-163-231-11	s CERAMIC 15PF 5% 50V
C78	1-163-231-11	s CERAMIC 15PF 5% 50V
C79	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C80	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C81	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C82	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C83	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C84	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C85	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C86	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C87	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C88	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C89	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C90	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C91	1-163-038-91	s CERAMIC 0.1uF 25V
C92	1-163-038-91	s CERAMIC 0.1uF 25V
C93	1-163-038-91	s CERAMIC 0.1uF 25V
C95	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C96	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C97	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C98	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C99	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C100	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C101	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C102	1-163-038-91	s CERAMIC 0.1uF 25V
C103	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C104	1-163-038-91	s CERAMIC 0.1uF 25V
C105	1-163-038-91	s CERAMIC 0.1uF 25V
C106	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C107	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C108	1-163-038-91	s CERAMIC 0.1uF 25V
C110	1-163-038-91	s CERAMIC 0.1uF 25V
C112	1-163-038-91	s CERAMIC 0.1uF 25V
C113	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C114	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C115	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C116	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
CN1	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN2	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN3	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN4	1-774-840-11	o CONNECTOR, BOARD TO BOARD 24P
CN5	1-764-273-11	s CONNECTOR, BNC

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Ref. No. or Q'ty	Part No.	SP Description
CN6	1-764-273-11	s CONNECTOR, BNC
CN7	1-764-273-11	s CONNECTOR, BNC
CN8	1-764-273-11	s CONNECTOR, BNC
CN9	1-764-273-11	s CONNECTOR, BNC
CN10	1-764-273-11	s CONNECTOR, BNC
CN11	1-764-273-11	s CONNECTOR, BNC
CN12	1-764-273-11	s CONNECTOR, BNC
CN13	1-764-273-11	s CONNECTOR, BNC
CN14	1-764-273-11	s CONNECTOR, BNC
CN15	1-764-273-11	s CONNECTOR, BNC
CN16	1-506-469-11	s CONNECTOR 4P, MALE
COP1	1-564-948-21	o PIN, SHORTING
D1	8-719-157-23	s DIODE RD4.7M-B
D2	8-719-157-23	s DIODE RD4.7M-B
D3	8-759-185-42	s IC LM4040AIM3-2.5
D4	8-719-800-76	s DIODE 1SS226
D5	8-719-800-76	s DIODE 1SS226
D6	8-719-800-76	s DIODE 1SS226
D7	8-719-800-76	s DIODE 1SS226
D8	8-719-800-76	s DIODE 1SS226
D9	8-719-800-76	s DIODE 1SS226
D10	8-719-800-76	s DIODE 1SS226
D11	8-719-800-76	s DIODE 1SS226
D12	8-719-801-78	s DIODE 1SS184
D13	8-719-801-78	s DIODE 1SS184
D14	8-719-801-78	s DIODE 1SS184
D15	8-719-800-76	s DIODE 1SS226
D16	8-719-800-76	s DIODE 1SS226
D17	8-719-800-76	s DIODE 1SS226
E1	1-535-881-21	o TERMINAL, TP
E2	1-535-881-21	o TERMINAL, TP
FL1	1-239-913-41	s FILTER, LOW-PASS
FL2	1-239-913-41	s FILTER, LOW-PASS
FL3	1-239-913-41	s FILTER, LOW-PASS
FL4	1-239-913-41	s FILTER, LOW-PASS
FL5	1-239-913-41	s FILTER, LOW-PASS
FL6	1-239-913-41	s FILTER, LOW-PASS
IC1	8-759-906-53	s IC TL062CPS
IC2	8-759-086-41	s IC X24C02S-3.0
IC3	8-752-052-77	s IC CXA1450M
IC4	8-752-052-77	s IC CXA1450M
IC5	8-752-052-77	s IC CXA1450M
IC6	8-759-054-61	s IC CLC505AJE
IC7	8-759-054-61	s IC CLC505AJE
IC8	8-759-054-61	s IC CLC505AJE
IC9	8-759-054-61	s IC CLC505AJE
IC10	8-759-054-61	s IC CLC505AJE
IC11	8-759-054-61	s IC CLC505AJE
IC12	8-752-052-77	s IC CXA1450M
IC13	8-759-008-86	s IC MC14017BF
IC14	8-759-186-39	s IC TC74VHC74F
IC15	8-759-054-61	s IC CLC505AJE
IC16	8-759-081-44	s IC TC74VHC04F
IC17	8-759-186-45	s IC TC74VHC126F
IC18	8-759-745-64	s IC NJM4560M
IC19	8-752-052-77	s IC CXA1450M

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Ref. No. or Q'ty	Part No.	SP	Description
IC20	8-759-054-61	s	IC CLC505AJE
IC21	8-759-234-20	s	IC TC7S08F
IC22	8-759-234-20	s	IC TC7S08F
L1	1-412-030-11	s	INDUCTOR CHIP 22uH
L2	1-412-030-11	s	INDUCTOR CHIP 22uH
L3	1-414-529-21	s	INDUCTOR CHIP 100uH
L4	1-414-529-21	s	INDUCTOR CHIP 100uH
L7	1-412-030-11	s	INDUCTOR CHIP 22uH
L8	1-412-030-11	s	INDUCTOR CHIP 22uH
L9	1-412-030-11	s	INDUCTOR CHIP 22uH
L10	1-412-030-11	s	INDUCTOR CHIP 22uH
L11	1-412-030-11	s	INDUCTOR CHIP 22uH
L12	1-412-030-11	s	INDUCTOR CHIP 22uH
L13	1-412-030-11	s	INDUCTOR CHIP 22uH
L14	1-412-030-11	s	INDUCTOR CHIP 22uH
L15	1-412-029-11	s	INDUCTOR CHIP 10uH
L16	1-412-029-11	s	INDUCTOR CHIP 10uH
L17	1-412-029-11	s	INDUCTOR CHIP 10uH
L18	1-412-029-11	s	INDUCTOR CHIP 10uH
L19	1-412-030-11	s	INDUCTOR CHIP 22uH
L20	1-412-030-11	s	INDUCTOR CHIP 22uH
L21	1-412-029-11	s	INDUCTOR CHIP 10uH
L22	1-412-029-11	s	INDUCTOR CHIP 10uH
L23	1-412-029-11	s	INDUCTOR CHIP 10uH
L24	1-412-029-11	s	INDUCTOR CHIP 10uH
L25	1-412-029-11	s	INDUCTOR CHIP 10uH
L26	1-412-029-11	s	INDUCTOR CHIP 10uH
L27	1-412-029-11	s	INDUCTOR CHIP 10uH
L28	1-412-029-11	s	INDUCTOR CHIP 10uH
L29	1-412-030-11	s	INDUCTOR CHIP 22uH
L30	1-412-029-11	s	INDUCTOR CHIP 10uH
L31	1-412-029-11	s	INDUCTOR CHIP 10uH
LV1	1-408-844-00	s	INDUCTOR, VAR, 22uH
Q1	8-729-113-13	s	TRANSISTOR FA1A4M-L33
Q2	8-729-105-19	s	TRANSISTOR 2SC3518-L
Q3	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q4	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q5	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q6	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q7	8-729-216-22	s	TRANSISTOR 2SA1162
Q8	8-729-216-22	s	TRANSISTOR 2SA1162
Q9	8-729-216-22	s	TRANSISTOR 2SA1162
Q10	8-729-216-22	s	TRANSISTOR 2SA1162
Q23	8-729-143-13	s	TRANSISTOR 2SC4176-B34
Q24	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q25	8-729-320-17	s	TRANSISTOR 2SA1122CD
Q26	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q27	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q28	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q29	8-729-216-22	s	TRANSISTOR 2SA1162
Q30	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q31	8-729-216-22	s	TRANSISTOR 2SA1162
Q32	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q33	8-729-216-22	s	TRANSISTOR 2SA1162
R1	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R2	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R3	1-218-754-11	s	METAL, CHIP 120K 0.50% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R4	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R5	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R6	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R7	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R8	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W
R9	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R10	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R11	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R12	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R13	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R14	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R15	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R16	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R17	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R18	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R19	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R20	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R21	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R22	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R23	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R24	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R25	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R26	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R27	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R28	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R29	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R30	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R31	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R32	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R33	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R34	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R35	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R36	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R37	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R38	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R39	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R40	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R41	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R42	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R43	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R44	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R45	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R46	1-216-669-11	s	METAL, CHIP 5.6K 0.5% 1/10W
R65	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R66	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R67	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R71	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R72	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R73	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R74	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R75	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R76	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R77	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R78	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R79	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R80	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R81	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R82	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W
R83	1-218-754-11	s	METAL, CHIP 120K 0.50% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R84	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R85	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R86	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R87	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R88	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R89	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R90	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R91	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R92	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R93	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R94	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R95	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R96	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R97	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R98	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R99	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R100	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R101	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R102	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R103	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R104	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R105	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R106	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R107	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R108	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R109	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R110	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R111	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R112	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R113	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R114	1-218-754-11	s METAL, CHIP 120K 0.50% 1/10W
R115	1-218-754-11	s METAL, CHIP 120K 0.50% 1/10W
R116	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R117	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R118	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R119	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R120	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R121	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R122	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R123	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R124	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R125	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R126	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R127	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R128	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R129	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R130	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R131	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R132	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R133	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R134	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R135	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R136	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R137	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R138	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R139	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R140	1-218-754-11	s METAL, CHIP 120K 0.50% 1/10W
R141	1-218-754-11	s METAL, CHIP 120K 0.50% 1/10W
R142	1-218-754-11	s METAL, CHIP 120K 0.50% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R143	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R144	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R145	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R146	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R147	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R148	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R149	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R150	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R151	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R152	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R153	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R154	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R155	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R156	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R157	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R158	1-218-754-11	s METAL, CHIP 120K 0.50% 1/10W
R159	1-216-637-11	s METAL, CHIP 270 0.5% 1/10W
R160	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R161	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R162	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R163	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R164	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R165	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R166	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R167	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R168	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R169	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R170	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R171	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R172	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R173	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R174	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R175	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R176	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R177	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R178	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R179	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R180	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R181	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R182	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R183	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R184	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R185	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R186	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R187	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R188	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R189	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R190	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R191	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R192	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R193	1-218-754-11	s METAL, CHIP 120K 0.50% 1/10W
R194	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R195	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R196	1-216-637-11	s METAL, CHIP 270 0.5% 1/10W
R197	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R198	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R199	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R200	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R201	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W

4-5. HKCU-702 Electrical Parts List

(VDA-35 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R202	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R203	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
RS1	1-216-295-91	s RES, CHIP 0
RS2	1-216-295-91	s RES, CHIP 0
RS10	1-216-295-91	s RES, CHIP 0
RS11	1-216-295-91	s RES, CHIP 0
RV1	1-237-032-11	s RES, ADJ METAL 500
RV2	1-237-034-11	s RES, ADJ METAL 2K
RV3	1-237-032-11	s RES, ADJ METAL 500
RV4	1-237-032-11	s RES, ADJ METAL 500
RV5	1-237-032-11	s RES, ADJ METAL 500
RV6	1-237-032-11	s RES, ADJ METAL 500
RV7	1-237-032-11	s RES, ADJ METAL 500
RV8	1-237-032-11	s RES, ADJ METAL 500
RV9	1-237-032-11	s RES, ADJ METAL 500
RV10	1-237-036-11	s RES, ADJ METAL 10K

ADA-50 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	3-602-570-03	o BNC PANEL (ADA) [LOT No. 708 and Higher]
1pc	3-602-570-02	o BNC PANEL (ADA) [LOT No. 511 through 607]
3pcs	7-682-903-01	s SCREW +PWH 3X5
1pc	3-605-669-02	o SPRING, SHIELD
6pcs	7-682-546-04	s SCREW +B 3X5
C1	1-104-852-11	s TANTALUM 22uF 20% 10V
C2	1-163-038-91	s CERAMIC 0.1uF 25V
C3	1-163-038-91	s CERAMIC 0.1uF 25V
C4	1-163-038-91	s CERAMIC 0.1uF 25V
C5	1-163-038-91	s CERAMIC 0.1uF 25V
C6	1-104-852-11	s TANTALUM 22uF 20% 10V
C7	1-163-038-91	s CERAMIC 0.1uF 25V
C8	1-163-038-91	s CERAMIC 0.1uF 25V
C9	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C10	1-163-038-91	s CERAMIC 0.1uF 25V
C11	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C12	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C13	1-163-038-91	s CERAMIC 0.1uF 25V
C14	1-163-038-91	s CERAMIC 0.1uF 25V
C15	1-104-851-11	s TANTALUM 10uF 20% 10V
C16	1-163-038-91	s CERAMIC 0.1uF 25V
C17	1-163-038-91	s CERAMIC 0.1uF 25V
C18	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C19	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C20	1-104-851-11	s TANTALUM 10uF 20% 10V
C21	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C22	1-163-038-91	s CERAMIC 0.1uF 25V
C23	1-163-038-91	s CERAMIC 0.1uF 25V
C24	1-163-038-91	s CERAMIC 0.1uF 25V
C25	1-163-038-91	s CERAMIC 0.1uF 25V
C26	1-163-038-91	s CERAMIC 0.1uF 25V
C27	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C28	1-163-085-00	s CERAMIC, CHIP 2PF 50V
C29	1-163-038-91	s CERAMIC 0.1uF 25V
C30	1-163-038-91	s CERAMIC 0.1uF 25V
C31	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C32	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C33	1-163-038-91	s CERAMIC 0.1uF 25V
C34	1-163-038-91	s CERAMIC 0.1uF 25V
C35	1-163-038-91	s CERAMIC 0.1uF 25V
C36	1-163-038-91	s CERAMIC 0.1uF 25V
C37	1-163-085-00	s CERAMIC, CHIP 2PF 50V
C38	1-163-085-00	s CERAMIC, CHIP 2PF 50V
C39	1-163-038-91	s CERAMIC 0.1uF 25V
C40	1-163-038-91	s CERAMIC 0.1uF 25V
C41	1-163-038-91	s CERAMIC 0.1uF 25V
C42	1-163-038-91	s CERAMIC 0.1uF 25V
C43	1-104-851-11	s TANTALUM 10uF 20% 10V
C44	1-104-851-11	s TANTALUM 10uF 20% 10V
C45	1-163-038-91	s CERAMIC 0.1uF 25V
C46	1-163-038-91	s CERAMIC 0.1uF 25V
C47	1-163-038-91	s CERAMIC 0.1uF 25V
C48	1-135-180-21	s TANTALUM, CHIP 33uF 10% 10V
C49	1-135-180-21	s TANTALUM, CHIP 33uF 10% 10V
C50	1-163-038-91	s CERAMIC 0.1uF 25V
C51	1-163-038-91	s CERAMIC 0.1uF 25V
C52	1-135-180-21	s TANTALUM, CHIP 33uF 10% 10V

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Ref. No. or Q'ty	Part No.	SP Description
C53	1-135-180-21 s	TANTALUM, CHIP 33uF 10% 10V
C54	1-163-038-91 s	CERAMIC 0.1uF 25V
C55	1-163-038-91 s	CERAMIC 0.1uF 25V
C56	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C57	1-163-038-91 s	CERAMIC 0.1uF 25V
C58	1-163-038-91 s	CERAMIC 0.1uF 25V
C59	1-163-038-91 s	CERAMIC 0.1uF 25V
C60	1-135-180-21 s	TANTALUM, CHIP 33uF 10% 10V
C61	1-135-180-21 s	TANTALUM, CHIP 33uF 10% 10V
C62	1-163-038-91 s	CERAMIC 0.1uF 25V
C63	1-163-038-91 s	CERAMIC 0.1uF 25V
C64	1-163-038-91 s	CERAMIC 0.1uF 25V
C65	1-163-038-91 s	CERAMIC 0.1uF 25V
C66	1-163-038-91 s	CERAMIC 0.1uF 25V
C67	1-163-038-91 s	CERAMIC 0.1uF 25V
C68	1-163-038-91 s	CERAMIC 0.1uF 25V
C69	1-163-038-91 s	CERAMIC 0.1uF 25V
C70	1-163-038-91 s	CERAMIC 0.1uF 25V
C71	1-163-038-91 s	CERAMIC 0.1uF 25V
C72	1-163-038-91 s	CERAMIC 0.1uF 25V
C73	1-163-217-11 s	CERAMIC, CHIP 1PF 50V
C74	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C75	1-163-038-91 s	CERAMIC 0.1uF 25V
C76	1-163-038-91 s	CERAMIC 0.1uF 25V
C77	1-163-038-91 s	CERAMIC 0.1uF 25V
C78	1-163-038-91 s	CERAMIC 0.1uF 25V
C79	1-163-038-91 s	CERAMIC 0.1uF 25V
C80	1-163-038-91 s	CERAMIC 0.1uF 25V
C81	1-163-038-91 s	CERAMIC 0.1uF 25V
C82	1-163-038-91 s	CERAMIC 0.1uF 25V
C83	1-163-245-11 s	CERAMIC, CHIP 56PF 5% 50V
C84	1-104-852-11 s	TANTALUM 22uF 20% 10V
C85	1-163-038-91 s	CERAMIC 0.1uF 25V
C86	1-163-038-91 s	CERAMIC 0.1uF 25V
C87	1-163-038-91 s	CERAMIC 0.1uF 25V
C88	1-163-038-91 s	CERAMIC 0.1uF 25V
C89	1-163-038-91 s	CERAMIC 0.1uF 25V
C90	1-163-038-91 s	CERAMIC 0.1uF 25V
C91	1-163-038-91 s	CERAMIC 0.1uF 25V
C92	1-163-038-91 s	CERAMIC 0.1uF 25V
C93	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
C94	1-104-852-11 s	TANTALUM 22uF 20% 10V
C95	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C96	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C97	1-102-951-00 s	CERAMIC 15PF 5% 50V [LOT No. 708 and Higher]
C99	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C101	1-104-852-11 s	TANTALUM 22uF 20% 10V
C102	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C103	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C104	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C105	1-163-038-91 s	CERAMIC 0.1uF 25V
C106	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C107	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C108	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C109	1-163-038-91 s	CERAMIC 0.1uF 25V
C110	1-163-217-11 s	CERAMIC, CHIP 1PF 50V
C111	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C112	1-163-038-91 s	CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C113	1-163-038-91 s	CERAMIC 0.1uF 25V
C114	1-163-038-91 s	CERAMIC 0.1uF 25V
C115	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
C116	1-163-038-91 s	CERAMIC 0.1uF 25V
C117	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C118	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C119	1-163-038-91 s	CERAMIC 0.1uF 25V
C120	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C121	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C122	1-104-914-11 s	TANTALUM 22uF 20% 16V
C123	1-163-038-91 s	CERAMIC 0.1uF 25V
C124	1-163-038-91 s	CERAMIC 0.1uF 25V
C125	1-163-038-91 s	CERAMIC 0.1uF 25V
C126	1-163-038-91 s	CERAMIC 0.1uF 25V
C127	1-163-038-91 s	CERAMIC 0.1uF 25V
C128	1-163-038-91 s	CERAMIC 0.1uF 25V
C129	1-104-852-11 s	TANTALUM 22uF 20% 10V
C130	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C131	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C132	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C133	1-163-137-00 s	CERAMIC, CHIP 680PF 5% 50V
C134	1-164-182-11 s	CERAMIC, CHIP 3300PF 10% 100V
C135	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C136	1-163-038-91 s	CERAMIC 0.1uF 25V
C137	1-163-038-91 s	CERAMIC 0.1uF 25V
C138	1-163-038-91 s	CERAMIC 0.1uF 25V
C139	1-104-851-11 s	TANTALUM 10uF 20% 10V
C140	1-163-259-91 s	CERAMIC 220PF 5% 50V
C141	1-163-243-11 s	CERAMIC, CHIP 47PF 5% 50V
C142	1-163-038-91 s	CERAMIC 0.1uF 25V
C143	1-163-038-91 s	CERAMIC 0.1uF 25V
C144	1-163-038-91 s	CERAMIC 0.1uF 25V
C145	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V
C146	1-163-113-00 s	CERAMIC, CHIP 68PF 5% 50V
C147	1-163-243-11 s	CERAMIC, CHIP 47PF 5% 50V
C148	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C149	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-163-038-91 s	CERAMIC 0.1uF 25V
C152	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V
C153	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C154	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-104-851-11 s	TANTALUM 10uF 20% 10V
C156	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C157	1-163-038-91 s	CERAMIC 0.1uF 25V
C158	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C159	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C160	1-163-038-91 s	CERAMIC 0.1uF 25V
C163	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C164	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C165	1-163-113-00 s	CERAMIC, CHIP 68PF 5% 50V
C166	1-163-113-00 s	CERAMIC, CHIP 68PF 5% 50V
C167	1-163-038-91 s	CERAMIC 0.1uF 25V
C168	1-163-038-91 s	CERAMIC 0.1uF 25V
C169	1-163-038-91 s	CERAMIC 0.1uF 25V
C170	1-104-851-11 s	TANTALUM 10uF 20% 10V
C171	1-104-851-11 s	TANTALUM 10uF 20% 10V
C172	1-163-038-91 s	CERAMIC 0.1uF 25V
C173	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C174	1-163-113-00 s	CERAMIC, CHIP 68PF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C175	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C176	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C177	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C178	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C179	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C180	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C181	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C182	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C183	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C184	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C187	1-163-085-00	s CERAMIC, CHIP 2PF 50V
C190	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C191	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C192	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C193	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C194	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C195	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C196	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C197	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C198	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C199	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C200	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C201	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C202	1-163-038-91	s CERAMIC 0.1uF 25V
C203	1-104-851-11	s TANTALUM 10uF 20% 10V
C205	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C206	1-163-038-91	s CERAMIC 0.1uF 25V
C207	1-163-038-91	s CERAMIC 0.1uF 25V
C208	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C209	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C210	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C211	1-163-038-91	s CERAMIC 0.1uF 25V
C212	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C213	1-163-038-91	s CERAMIC 0.1uF 25V
C214	1-163-038-91	s CERAMIC 0.1uF 25V
C215	1-163-038-91	s CERAMIC 0.1uF 25V
C217	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C218	1-163-038-91	s CERAMIC 0.1uF 25V
C219	1-163-217-11	s CERAMIC, CHIP 1PF 50V [LOT No. 708 and Higher]
C220	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C221	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C222	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C223	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C224	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C225	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C226	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C227	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C228	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C229	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C230	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C231	1-163-038-91	s CERAMIC 0.1uF 25V
C232	1-104-852-11	s TANTALUM 22uF 20% 10V
C233	1-163-038-91	s CERAMIC 0.1uF 25V
C234	1-163-038-91	s CERAMIC 0.1uF 25V
C235	1-163-038-91	s CERAMIC 0.1uF 25V
C236	1-163-038-91	s CERAMIC 0.1uF 25V
C237	1-163-038-91	s CERAMIC 0.1uF 25V
C238	1-163-038-91	s CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C239	1-163-038-91	s CERAMIC 0.1uF 25V
C240	1-163-038-91	s CERAMIC 0.1uF 25V
C241	1-163-038-91	s CERAMIC 0.1uF 25V
C242	1-163-038-91	s CERAMIC 0.1uF 25V
C243	1-163-038-91	s CERAMIC 0.1uF 25V
C244	1-163-038-91	s CERAMIC 0.1uF 25V
C245	1-163-038-91	s CERAMIC 0.1uF 25V
C246	1-163-038-91	s CERAMIC 0.1uF 25V
C247	1-163-038-91	s CERAMIC 0.1uF 25V
C248	1-163-038-91	s CERAMIC 0.1uF 25V
C249	1-163-038-91	s CERAMIC 0.1uF 25V
C250	1-163-038-91	s CERAMIC 0.1uF 25V
C251	1-163-038-91	s CERAMIC 0.1uF 25V
C252	1-163-038-91	s CERAMIC 0.1uF 25V
C253	1-163-038-91	s CERAMIC 0.1uF 25V
C254	1-163-038-91	s CERAMIC 0.1uF 25V
C255	1-163-038-91	s CERAMIC 0.1uF 25V
C256	1-163-038-91	s CERAMIC 0.1uF 25V
C257	1-163-038-91	s CERAMIC 0.1uF 25V
C258	1-163-038-91	s CERAMIC 0.1uF 25V
C259	1-163-038-91	s CERAMIC 0.1uF 25V
C260	1-163-038-91	s CERAMIC 0.1uF 25V
C261	1-163-038-91	s CERAMIC 0.1uF 25V
C262	1-163-038-91	s CERAMIC 0.1uF 25V
C263	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C264	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C265	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C266	1-163-217-11	s CERAMIC, CHIP 1PF 50V
C267	1-163-217-11	s CERAMIC, CHIP 1PF 50V [LOT No. 708 and Higher]
C268	1-163-217-11	s CERAMIC, CHIP 1PF 50V [LOT No. 708 and Higher]
C269	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C270	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C271	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C272	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C273	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C274	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C275	1-163-038-91	s CERAMIC 0.1uF 25V
C276	1-163-038-91	s CERAMIC 0.1uF 25V
C277	1-163-038-91	s CERAMIC 0.1uF 25V
C278	1-163-038-91	s CERAMIC 0.1uF 25V
C279	1-104-852-11	s TANTALUM 22uF 20% 10V
C280	1-163-038-91	s CERAMIC 0.1uF 25V
C281	1-163-038-91	s CERAMIC 0.1uF 25V
C282	1-163-038-91	s CERAMIC 0.1uF 25V
C283	1-163-038-91	s CERAMIC 0.1uF 25V
C284	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C285	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C290	1-163-038-91	s CERAMIC 0.1uF 25V
C291	1-104-851-11	s TANTALUM 10uF 20% 10V
C298	1-163-038-91	s CERAMIC 0.1uF 25V
C299	1-104-851-11	s TANTALUM 10uF 20% 10V
C306	1-104-851-11	s TANTALUM 10uF 20% 10V
C307	1-163-038-91	s CERAMIC 0.1uF 25V
C308	1-163-038-91	s CERAMIC 0.1uF 25V
C309	1-104-851-11	s TANTALUM 10uF 20% 10V
C310	1-104-851-11	s TANTALUM 10uF 20% 10V
C311	1-104-851-11	s TANTALUM 10uF 20% 10V

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Ref. No. or Q'ty	Part No.	SP Description
C312	1-104-851-11	s TANTALUM 10uF 20% 10V
C313	1-104-851-11	s TANTALUM 10uF 20% 10V
C314	1-104-851-11	s TANTALUM 10uF 20% 10V
C315	1-104-851-11	s TANTALUM 10uF 20% 10V
C316	1-104-851-11	s TANTALUM 10uF 20% 10V
C317	1-104-851-11	s TANTALUM 10uF 20% 10V
C318	1-104-851-11	s TANTALUM 10uF 20% 10V
C319	1-104-851-11	s TANTALUM 10uF 20% 10V
C321	1-104-851-11	s TANTALUM 10uF 20% 10V
C322	1-104-851-11	s TANTALUM 10uF 20% 10V
C324	1-104-851-11	s TANTALUM 10uF 20% 10V
C325	1-104-851-11	s TANTALUM 10uF 20% 10V
C327	1-104-851-11	s TANTALUM 10uF 20% 10V
C328	1-104-851-11	s TANTALUM 10uF 20% 10V
C329	1-104-851-11	s TANTALUM 10uF 20% 10V
C330	1-104-851-11	s TANTALUM 10uF 20% 10V
C331	1-104-851-11	s TANTALUM 10uF 20% 10V
C332	1-104-851-11	s TANTALUM 10uF 20% 10V
C333	1-104-851-11	s TANTALUM 10uF 20% 10V
C334	1-104-851-11	s TANTALUM 10uF 20% 10V
C335	1-104-851-11	s TANTALUM 10uF 20% 10V
C336	1-104-851-11	s TANTALUM 10uF 20% 10V
C337	1-104-851-11	s TANTALUM 10uF 20% 10V
C338	1-104-851-11	s TANTALUM 10uF 20% 10V
C339	1-104-851-11	s TANTALUM 10uF 20% 10V
C340	1-104-851-11	s TANTALUM 10uF 20% 10V
C341	1-104-851-11	s TANTALUM 10uF 20% 10V
C342	1-104-851-11	s TANTALUM 10uF 20% 10V
C343	1-104-851-11	s TANTALUM 10uF 20% 10V
C344	1-104-851-11	s TANTALUM 10uF 20% 10V
C345	1-104-851-11	s TANTALUM 10uF 20% 10V
C346	1-104-851-11	s TANTALUM 10uF 20% 10V
C347	1-163-038-91	s CERAMIC 0.1uF 25V
C348	1-163-038-91	s CERAMIC 0.1uF 25V
C349	1-163-038-91	s CERAMIC 0.1uF 25V
C350	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C351	1-163-038-91	s CERAMIC 0.1uF 25V
C352	1-163-038-91	s CERAMIC 0.1uF 25V
C353	1-163-038-91	s CERAMIC 0.1uF 25V
C354	1-163-038-91	s CERAMIC 0.1uF 25V
C355	1-163-038-91	s CERAMIC 0.1uF 25V
C434	1-135-161-21	s TANTALUM, CHIP 22uF 10% 10V
C439	1-107-877-11	s ELECT 1000uF 20% 10V
C440	1-107-877-11	s ELECT 1000uF 20% 10V
C493	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C494	1-135-161-21	s TANTALUM, CHIP 22uF 10% 10V
C495	1-107-877-11	s ELECT 1000uF 20% 10V
C496	1-104-852-11	s TANTALUM 22uF 20% 10V
C497	1-163-038-91	s CERAMIC 0.1uF 25V
C498	1-163-038-91	s CERAMIC 0.1uF 25V
C499	1-104-851-11	s TANTALUM 10uF 20% 10V
C500	1-163-038-91	s CERAMIC 0.1uF 25V
C501	1-163-038-91	s CERAMIC 0.1uF 25V
C701	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C702	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
CN1	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN2	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN3	1-774-668-11	o CONNECTOR, BOARD TO BOARD 96P
CN4	1-774-840-11	o CONNECTOR, BOARD TO BOARD 24P

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Ref. No. or Q'ty	Part No.	SP Description
CN5	1-764-273-11	s CONNECTOR, BNC
CN7	1-764-273-11	s CONNECTOR, BNC
CN8	1-764-273-11	s CONNECTOR, BNC
CN9	1-764-273-11	s CONNECTOR, BNC
CN10	1-764-273-11	s CONNECTOR, BNC
CN11	1-764-273-11	s CONNECTOR, BNC
CN12	1-764-273-11	s CONNECTOR, BNC
CN13	1-764-273-11	s CONNECTOR, BNC
CN14	1-764-273-11	s CONNECTOR, BNC
CN15	1-764-273-11	s CONNECTOR, BNC
CN16	1-764-273-11	s CONNECTOR, BNC
CN17	1-764-273-11	s CONNECTOR, BNC
D1	8-759-185-42	s IC LM4040AIM3-2.5
D5	8-719-059-52	s DIODE MA3J14300LSO
D6	8-719-800-76	s DIODE 1SS226
D7	8-719-800-76	s DIODE 1SS226
D8	8-719-059-52	s DIODE MA3J14300LSO
D9	8-719-800-76	s DIODE 1SS226
D10	8-719-800-76	s DIODE 1SS226
D11	8-719-800-76	s DIODE 1SS226
D12	8-759-185-42	s IC LM4040AIM3-2.5
D13	8-719-800-76	s DIODE 1SS226
D14	8-759-185-42	s IC LM4040AIM3-2.5
D15	8-759-185-42	s IC LM4040AIM3-2.5
D63	8-759-185-42	s IC LM4040AIM3-2.5
D72	8-719-159-85	s DIODE RD2.0MB
DL1	1-415-884-11	s DELAY LINE 5ns
E11	1-535-881-21	o TERMINAL, TP
FL1	1-233-606-11	s FILTER (SMD), LOW-PASS
FL2	1-239-332-11	s FILTER, LOW-PASS
FL4	1-233-608-11	s FILTER, LOW-PASS
FL5	1-233-609-11	s FILTER, LOW-PASS
FL6	1-233-609-11	s FILTER, LOW-PASS
IC1	8-759-386-27	s IC 74LCX04MTCX
IC2	8-759-386-25	s IC 74LCX245MTCX
IC3	8-759-386-25	s IC 74LCX245MTCX
IC4	8-759-054-61	s IC CLC505AJE
IC5	8-759-054-61	s IC CLC505AJE
IC6	8-759-386-25	s IC 74LCX245MTCX
IC7	8-759-386-25	s IC 74LCX245MTCX
IC8	8-759-054-61	s IC CLC505AJE
IC9	8-759-054-61	s IC CLC505AJE
IC10	8-759-186-02	s IC TC74VHCT245F (EL)
IC11	8-759-186-39	s IC TC74VHC74F
IC12	8-759-186-39	s IC TC74VHC74F
IC13	8-759-386-26	s IC 74LCX574MTCX
IC14	8-759-386-26	s IC 74LCX574MTCX
IC15	8-752-052-82	s IC CXA1432M
IC16	8-752-052-82	s IC CXA1432M
IC17	8-752-052-77	s IC CXA1450M
IC18	8-752-052-77	s IC CXA1450M
IC19	8-759-386-26	s IC 74LCX574MTCX
IC20	8-759-386-26	s IC 74LCX574MTCX
IC21	8-752-052-77	s IC CXA1450M
IC22	8-759-386-26	s IC 74LCX574MTCX
IC23	8-759-386-26	s IC 74LCX574MTCX
IC24	8-759-386-26	s IC 74LCX574MTCX

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Ref. No. or Q'ty	Part No.	SP Description
IC25	8-759-386-26	s IC 74LCX574MTCX
IC26	8-759-386-26	s IC 74LCX574MTCX
IC27	8-759-386-26	s IC 74LCX574MTCX
IC28	8-759-386-26	s IC 74LCX574MTCX
IC29	8-759-386-26	s IC 74LCX574MTCX
IC30	8-759-054-61	s IC CLC505AJE
IC31	8-759-186-13	s IC TC74VHCT374F (EL)
IC32	8-759-186-13	s IC TC74VHCT374F (EL)
IC33	8-759-186-13	s IC TC74VHCT374F (EL)
IC34	8-759-186-13	s IC TC74VHCT374F (EL)
IC35	8-759-186-13	s IC TC74VHCT374F (EL)
IC36	8-759-011-65	s IC MC74HC4053F
IC37	8-759-906-53	s IC TL062CPS
IC38	8-752-375-98	s IC CXD2315Q
IC39	8-752-375-98	s IC CXD2315Q
IC40	8-752-375-98	s IC CXD2315Q
IC41	8-759-980-44	s IC TL712CPS
IC42	8-759-054-61	s IC CLC505AJE
IC43	8-759-239-34	s IC TC74HC4538AF
IC44	8-759-973-85	s IC SN74ALS74ANS
IC45	8-759-239-34	s IC TC74HC4538AF
IC46	8-752-052-82	s IC CXA1432M
IC47	8-759-054-61	s IC CLC505AJE
IC48	8-759-035-87	s IC SC7S00F
IC49	8-759-054-61	s IC CLC505AJE
IC50	8-759-054-61	s IC CLC505AJE
IC51	8-759-239-34	s IC TC74HC4538AF
IC52	8-759-973-85	s IC SN74ALS74ANS
IC53	8-759-239-34	s IC TC74HC4538AF
IC54	8-759-054-61	s IC CLC505AJE
IC55	8-759-054-61	s IC CLC505AJE
IC56	8-759-054-61	s IC CLC505AJE
IC57	8-759-054-61	s IC CLC505AJE
IC58	8-759-054-61	s IC CLC505AJE
IC59	8-759-054-61	s IC CLC505AJE
IC60	8-759-054-61	s IC CLC505AJE
IC61	8-759-054-61	s IC CLC505AJE
IC62	8-759-054-61	s IC CLC505AJE
IC63	8-759-054-61	s IC CLC505AJE
IC64	8-752-342-70	s IC CXD1179Q
IC65	8-752-052-77	s IC CXA1450M
IC66	8-752-052-77	s IC CXA1450M
IC67	8-752-052-77	s IC CXA1450M
IC68	8-752-052-77	s IC CXA1450M
IC69	8-752-052-77	s IC CXA1450M
IC70	8-752-052-77	s IC CXA1450M
IC71	8-759-186-39	s IC TC74VHC74F
IC72	8-759-186-13	s IC TC74VHCT374F (EL)
IC73	8-752-052-77	s IC CXA1450M
IC74	8-752-052-77	s IC CXA1450M
IC75	8-759-054-61	s IC CLC505AJE
IC76	8-759-054-61	s IC CLC505AJE
IC77	8-759-054-61	s IC CLC505AJE
IC78	8-759-054-61	s IC CLC505AJE
IC79	8-759-054-61	s IC CLC505AJE
IC80	8-759-054-61	s IC CLC505AJE
IC81	8-759-386-25	s IC 74LCX245MTCX
IC82	8-759-386-25	s IC 74LCX245MTCX
IC83	8-759-386-25	s IC 74LCX245MTCX

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Ref. No. or Q'ty	Part No.	SP Description
IC84	8-752-052-77	s IC CXA1450M
IC85	8-759-054-61	s IC CLC505AJE
IC86	8-759-054-61	s IC CLC505AJE
IC87	8-752-052-82	s IC CXA1432M
IC88	8-752-052-82	s IC CXA1432M
IC89	8-759-054-61	s IC CLC505AJE
IC90	8-759-054-61	s IC CLC505AJE
IC91	8-759-186-39	s IC TC74VHC74F
IC92	8-759-386-25	s IC 74LCX245MTCX
IC93	8-759-386-27	s IC 74LCX04MTCX
IC94	8-759-386-26	s IC 74LCX574MTCX [LOT No. 511 through 607]
IC95	8-759-086-41	s IC X24C02S-3.0
IC172	8-759-906-53	s IC TL062CPS
IC173	8-759-906-53	s IC TL062CPS
L1	1-412-030-11	s INDUCTOR CHIP 22uH
L2	1-412-030-11	s INDUCTOR CHIP 22uH
L3	1-412-030-11	s INDUCTOR CHIP 22uH
L4	1-412-030-11	s INDUCTOR CHIP 22uH
L5	1-412-030-11	s INDUCTOR CHIP 22uH
L6	1-412-030-11	s INDUCTOR CHIP 22uH
L7	1-412-030-11	s INDUCTOR CHIP 22uH
L8	1-412-030-11	s INDUCTOR CHIP 22uH
L9	1-412-030-11	s INDUCTOR CHIP 22uH
L10	1-412-030-11	s INDUCTOR CHIP 22uH
L11	1-412-030-11	s INDUCTOR CHIP 22uH
L12	1-412-030-11	s INDUCTOR CHIP 22uH
L13	1-412-030-11	s INDUCTOR CHIP 22uH
Q1	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q2	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q3	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q4	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q5	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q6	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q8	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q9	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q52	8-729-113-13	s TRANSISTOR FA1A4M-L33
Q53	8-729-105-19	s TRANSISTOR 2SC3518-L
Q66	8-729-820-86	s TRANSISTOR 2SB1121-ST
R1	1-218-760-11	s METAL, CHIP 220K 0.5% 1/10W
R2	1-218-760-11	s METAL, CHIP 220K 0.5% 1/10W
R3	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R4	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R5	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R6	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R20	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R24	1-216-295-91	s RES, CHIP 0
R25	1-216-295-91	s RES, CHIP 0
R26	1-216-295-91	s RES, CHIP 0
R27	1-216-295-91	s RES, CHIP 0
R30	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R35	1-216-670-11	s METAL, CHIP 6.2K 0.5% 1/10W
R36	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R38	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R39	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R40	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R41	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R42	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R43	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R44	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R45	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R46	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R47	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R50	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R51	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R52	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R53	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R55	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R56	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R57	1-218-757-11	s METAL 160K 0.5% 1/10W
R58	1-218-757-11	s METAL 160K 0.5% 1/10W
R59	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R60	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R61	1-218-757-11	s METAL 160K 0.5% 1/10W
R62	1-218-757-11	s METAL 160K 0.5% 1/10W
R63	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R64	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R65	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R66	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R67	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R68	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R69	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R70	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R71	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R72	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R73	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R74	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R75	1-218-757-11	s METAL 160K 0.5% 1/10W
R76	1-216-654-11	s METAL, CHIP 1.3K 0.5% 1/10W
R77	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R78	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R79	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R80	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R81	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R82	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R83	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R84	1-218-764-11	s METAL, CHIP 330K 0.5% 1/10W
R85	1-218-756-11	s METAL 150K 0.5% 1/10W
R86	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R87	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R89	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R90	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R91	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R92	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R93	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R94	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R95	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R96	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R97	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R98	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R99	1-216-656-11	s METAL, CHIP 1.6K 0.5% 1/10W
R100	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R101	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R102	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R103	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R104	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R105	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R106	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R107	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R108	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R109	1-218-757-11	s METAL 160K 0.5% 1/10W
R111	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R112	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R113	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R114	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R115	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R116	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R117	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R118	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
R119	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R120	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R121	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R122	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R123	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R124	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R125	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R126	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R127	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R128	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R129	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R130	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R131	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R132	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R133	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R134	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R135	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R136	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R137	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R138	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R139	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R140	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R141	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R142	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R143	1-218-757-11	s METAL 160K 0.5% 1/10W
R144	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R145	1-218-757-11	s METAL 160K 0.5% 1/10W
R146	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R147	1-218-757-11	s METAL 160K 0.5% 1/10W
R148	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R149	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R150	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R151	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R152	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R153	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R154	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R155	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R156	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R157	1-216-658-11	s METAL, CHIP 2K 0.5% 1/10W
R158	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R159	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R160	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R161	1-216-612-11	s METAL, CHIP 24 0.50% 1/10W
R162	1-216-612-11	s METAL, CHIP 24 0.50% 1/10W
R163	1-216-295-91	s RES, CHIP 0
R164	1-216-612-11	s METAL, CHIP 24 0.50% 1/10W
R165	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R166	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R167	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R168	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R169	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R170	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R171	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R172	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R173	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R174	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R175	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R176	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R177	1-216-669-11	s METAL, CHIP 5.6K 0.5% 1/10W
R178	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R179	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R180	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R181	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R182	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R184	1-218-757-11	s METAL 160K 0.5% 1/10W
R185	1-218-757-11	s METAL 160K 0.5% 1/10W
R186	1-218-757-11	s METAL 160K 0.5% 1/10W
R187	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R188	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R189	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R190	1-218-757-11	s METAL 160K 0.5% 1/10W
R191	1-218-757-11	s METAL 160K 0.5% 1/10W
R192	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R193	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R194	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R195	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R196	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R197	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R198	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R199	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R200	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R201	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R202	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R203	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R204	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R206	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R207	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R208	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R209	1-218-757-11	s METAL 160K 0.5% 1/10W
R210	1-216-658-11	s METAL, CHIP 2K 0.5% 1/10W
R211	1-216-295-91	s RES, CHIP 0
R212	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R213	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R214	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R215	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R216	1-216-610-11	s METAL, CHIP 20 0.50% 1/10W
R217	1-216-295-91	s RES, CHIP 0
R218	1-218-757-11	s METAL 160K 0.5% 1/10W
R219	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R220	1-216-643-11	s METAL, CHIP 470 0.5% 1/10W
R221	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R222	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R223	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R224	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R225	1-216-295-91	s RES, CHIP 0
R226	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R227	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R228	1-218-757-11	s METAL 160K 0.5% 1/10W
R229	1-218-757-11	s METAL 160K 0.5% 1/10W
R230	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R231	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R232	1-218-757-11	s METAL 160K 0.5% 1/10W
R233	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R234	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R235	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R236	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R237	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R238	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R239	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R240	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R241	1-216-610-11	s METAL, CHIP 20 0.50% 1/10W
R242	1-216-610-11	s METAL, CHIP 20 0.50% 1/10W
R243	1-216-610-11	s METAL, CHIP 20 0.50% 1/10W
R244	1-216-610-11	s METAL, CHIP 20 0.50% 1/10W
R245	1-216-610-11	s METAL, CHIP 20 0.50% 1/10W
R246	1-216-610-11	s METAL, CHIP 20 0.50% 1/10W
R247	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R248	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R249	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R250	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R251	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R252	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R253	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R254	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R255	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R256	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R257	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R258	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R259	1-218-757-11	s METAL 160K 0.5% 1/10W
R260	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R261	1-218-757-11	s METAL 160K 0.5% 1/10W
R262	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R263	1-218-757-11	s METAL 160K 0.5% 1/10W
R264	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R265	1-218-757-11	s METAL 160K 0.5% 1/10W
R266	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R267	1-218-757-11	s METAL 160K 0.5% 1/10W
R268	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R269	1-218-757-11	s METAL 160K 0.5% 1/10W
R270	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R271	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R272	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R273	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R274	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R275	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R276	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R277	1-216-610-11	s METAL, CHIP 20 0.50% 1/10W
R278	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R279	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R280	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R281	1-218-757-11	s METAL 160K 0.5% 1/10W
R282	1-218-757-11	s METAL 160K 0.5% 1/10W
R283	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R284	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R285	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R286	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R287	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R288	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R294	1-216-660-11	s METAL, CHIP 2.4K 0.5% 1/10W
R295	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R296	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R297	1-218-757-11	s METAL, 160K 0.5% 1/10W
R298	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R299	1-218-757-11	s METAL, 160K 0.5% 1/10W
R300	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R301	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R302	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R303	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R304	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R305	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R306	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R307	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R308	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R309	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R310	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R311	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R312	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R313	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R314	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R315	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R316	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R317	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R318	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R319	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R320	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R322	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R323	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R325	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R327	1-216-653-11	s METAL, CHIP 1.2K 0.5% 1/10W
R328	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R330	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R332	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R333	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R334	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R336	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R337	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R338	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R339	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R340	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R341	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R342	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R343	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R344	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R345	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R346	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R347	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R348	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R349	1-216-610-11	s METAL, CHIP 20 0.50% 1/10W
R350	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R351	1-216-644-11	s METAL, CHIP 510 0.5% 1/10W
R352	1-216-295-91	s RES, CHIP 0
R355	1-216-295-91	s RES, CHIP 0
R701	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R708	1-216-658-11	s METAL, CHIP 2K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R712	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R713	1-216-683-11	s METAL, CHIP 22K 0.5% 1/10W
R715	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R716	1-216-691-11	s METAL, CHIP 47K 0.5% 1/10W
R749	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R750	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R752	1-216-685-11	s METAL, CHIP 27K 0.5% 1/10W
R796	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
RV1	1-237-032-11	s RES, ADJ METAL 500
RV2	1-237-032-11	s RES, ADJ METAL 500
RV3	1-237-032-11	s RES, ADJ METAL 500
RV4	1-237-032-11	s RES, ADJ METAL 500
RV5	1-237-032-11	s RES, ADJ METAL 500
RV6	1-237-032-11	s RES, ADJ METAL 500
RV7	1-237-031-11	s RES, ADJ METAL 200
RV8	1-237-032-11	s RES, ADJ METAL 500
RV9	1-237-032-11	s RES, ADJ METAL 500
RV10	1-237-031-11	s RES, ADJ METAL 200
RV11	1-237-031-11	s RES, ADJ METAL 200
RV12	1-237-031-11	s RES, ADJ METAL 200
RV13	1-237-031-11	s RES, ADJ METAL 200
S1	1-692-271-31	s SWITCH, SLIDE [LOT No. 605 and Higher]
S1	1-692-271-21	s SWITCH, SLIDE [LOT No. 511 through 603]

4-6. Supplied Accessories List

HDCU-700A

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8278-054-A	o REMOTE INDICATOR ASSY
1pc	Δ 1-551-812-11	s CORD, POWER 3P (for UC)
1pc	Δ 1-575-181-11	s CORD SET, POWER (for J)
1pc	Δ 1-576-225-11	s FUSE, TIME LAG 1A 250V
1pc	Δ 1-576-231-11	s FUSE, TIME LAG 4A 250V
1pc	Δ 1-576-233-41	s FUSE, TIME LAG 6.3A 250V
1pc	Δ 1-750-686-11	s CONNECTOR, CONVERSION (3P-2P) (for J)
1pc	1-691-779-11	s PLUG, 19P, FEMALE
1pc	2-990-242-01	s HOLDER (B), PLUG

HKCU-701A

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-560-155-00	s PLUG, 4P, MALE

4-7. Optional Fixtures List

OPTIONAL FIXTURES

Ref. No. or Q'ty	Part No.	SP Description
J-6394-280-A	o	EXTENSION BOARD, JX-428
J-6480-040-A	o	EXTENSION BOARD, EX-525
J-6480-010-A	o	ALIGNMENT SLEEVE REMOVER, HC-001

Section 5

Semiconductor Pin Assignments

ここに記載されている半導体は、それぞれの機能を等価的に表したものです。なお、互換性のない型名を併記していることがありますので、部品を交換するときは、Spare Partsの章を参照してください。

等価回路はICメーカーのデータブックに従いました。

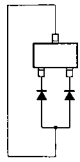
Semiconductors of which functions are equivalent are described here. For parts replacement, refer to the section of Spare Parts in this manual. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

DIODE	Page	LED	Page	TRANSISTOR	Page	IC	Page
1S2835-T1	5-3	CL-150PG-CD	5-3	2SA1122-CD	5-3	74LCX00SJX	5-4
1S2836	5-3	CL-150PG-CD-T	5-3	2SA1122CD-TL	5-3	74LCX02SJX	5-4
1S2837-T1	5-3	CL-150SR-CD-T	5-3	2SA1162G	5-3	74LCX04MTCX	5-4
1SS123-T1	5-3			2SA1213Y-TE12L	5-3	74LCX04SJX	5-4
1SS184	5-3	HLMP-6300-010	5-3	2SA1226-E4	5-3	74LCX240MTCX	5-4
1SS226	5-3	HLMP-6400-010	5-3	2SA1226-T1E3E4	5-3	74LCX240SJX	5-4
1SS300-TE85L	5-3	HLMP-6500-010	5-3	2SA1328-Y	5-3	74LCX244MTCX	5-4
1SS301-TE85L	5-3			2SA1329-O	5-3	74LCX244SJX	5-4
1T363	5-3	TLR223	5-3	2SA1385-Z-T2M	5-3	74LCX245MTCX	5-5
1T363-04-T8B	5-3			2SA1610-T1Y34	5-3	74LCX245SJX	5-5
				2SA1610-Y33	5-3	74LCX574MTCX	5-5
ERC62M-004	5-3			2SA1615-Z-K	5-3	74LCX574SJX	5-5
				2SA812-T1M7	5-3	74LCX74SJX	5-5
FMP1	5-3			2SB798-DL	5-3	74VHC04MTCX	5-4
FMP1-T-148	5-3			2SC1623	5-3	74VHC08MTCX	5-5
				2SC1623-T1-L5L6	5-3	74VHC138MTCX	5-6
HSM88AS	5-3			2SC2873Y-TE12L	5-3	74VHC157MTCX	5-6
HSM88AS-TL	5-3			2SC3345-Y	5-3	74VHC244MTCX	5-4
HSMP-3894	5-3			2SC3346-O	5-3	74VHC245MTCX	5-5
				2SC3356-K	5-3	74VHC574MTCX	5-5
MA141WK	5-3			2SC3356-T1K	5-3	74VHC74MTCX	5-5
				2SD1614-T1XL	5-3	74VHC86MTCX	5-6
RD10M-B2	5-3			2SD1621-ST	5-3	74VHCT574MTCX	5-5
RD10M-T1B	5-3			2SD1623-S	5-3		
RD2.0M-T1B	5-3			2SD596DV345	5-3	AM28F010-120EC	5-6
RD2.0MB	5-3			2SD596T1-DV345	5-3		
RD3.0UH-T1	5-3					CLC505AJE	5-7
RD4.7M-B	5-3					CLC505AJE-T	5-7
RD4.7M-T1B	5-3			DTC143XKA-T146	5-3		
RD5.1M-T1B	5-3						
RD6.8M-T1B	5-3			FA1A4M-L33	5-3	CXA1450M	5-7
						CXA1450M-TH	5-7
UZM5.1B	5-3					CXD1171M	5-7
						CXD1171M-TH	5-7
						CXD1176Q	5-7
						CXD1176Q-T4	5-7
						CXD1216M	5-8
						CXD1216M-TH	5-8
						CXD1217M	5-8
						CXD1217M-TH	5-8
						CXD2043Q	5-10
						CXD2310AR-T4	5-11
						CXD2315Q	5-10
						CXD2555Q	5-11
						CXD8277Q	5-12
						CXD8337Q	5-14
						CXD8344AQ	5-12
						CXD8350G	5-15
						CXD8352Q	5-15
						CXD8386AQ	5-17
						CXD8886Q	5-18
				OTHERS	Page		
				PS2604L	5-3		

IC	Page	IC	Page	IC	Page	IC	Page
CXD8953Q	5-19	NJM4560M-TE2	5-30	TC4W53F	5-36	TL064CNS-E05	5-37
CXK1203AR	5-20	NJM5534M	5-31	TC4W53F(TE12R)	5-36	TL074CNS	5-38
CXK1203AR-T4	5-20	NJM5534M-T2	5-31	TC74HC221AF	5-36	TL074CNS-E05	5-38
		NJM78L05UA	5-31	TC74HC221AF(EL)	5-36	TL1451ACNS	5-38
DS1000M-75	5-20	NJM78L05UA-TE1	5-31	TC74HC4066AF(EL)	5-36	TL1451ACNS-E05	5-38
		NJM79L05UA	5-31	TC74HC4538AF	5-36	TL592BPS	5-38
EPM7128ELC84-10	5-21	NJM79L05UA-TE1	5-31	TC74HC4538AF(EL)	5-36	TL592BPS-E05	5-38
				TC74HC86AF	5-6	TL712CPS	5-38
GS4981CTA	5-22	PC410	5-31	TC74VHC00F	5-4	TL712CPS-E05	5-38
		PC410T	5-31	TC74VHC00F(EL)	5-4	TLC272CPS	5-39
HD151015T	5-22	PCM1702U	5-31	TC74VHC02F	5-4	TLC272CPS-E05	5-39
HD151015TEL	5-22			TC74VHC02F(EL)	5-4	TLC272CPW-E05	5-39
HD6475328F10	5-23	SBX1601A	5-31	TC74VHC04F	5-4	TMS4C2973-26DTR	5-38
HM530281-20	5-22	SBX1602A	5-32	TC74VHC04F(EL)	5-4		
HM530281RTT-20	5-22	SC7S00F	5-32	TC74VHC08F(EL)	5-5	UPC311G2	5-39
HN58C257AT10	5-24	SC7S02F	5-32	TC74VHC125F	5-36	UPC311G2-E2	5-39
		SC7S04F	5-32	TC74VHC125F(EL)	5-36	UPC4558G2	5-30
		SC7S32F	5-32	TC74VHC126F	5-33	UPD485505G-25	5-39
LC35256DT-10-TLM	5-25	SM5843AS1-E2	5-33	TC74VHC126F(EL)	5-33	UPD485505G-25-E2	5-39
LF2242JC-33	5-25	SN74ALS163BNS	5-33	TC74VHC138F(EL)	5-6	UPD6453GT-610	5-40
LF2250QC-33	5-26	SN74ALS163BNS-E05	5-33	TC74VHC161F(EL)	5-37	UPD6453GT-610-E2	5-40
LF9502JC31	5-27	SN74ALS38157ADB	5-34	TC74VHC163F	5-29	UPD71051GB-10-3B4	5-39
LM4040AIM3-2.5	5-26	SN74ALS38157ADB-E05	5-34	TC74VHC163F(EL)	5-29	UPD71055GB-10-3B4	5-41
LM4040BIM3-5.0	5-26	SN74HC00ANS	5-4	TC74VHC164F	5-37		
LM4040BIM3X-5.0	5-26	SN74HC00ANS-E05	5-4	TC74VHC164F(EL)	5-37	X24C02S-3.0-C7000	5-41
		SN74HC04ANS	5-4	TC74VHC240F(EL)	5-4	X24C02S-T1	5-41
M51132FP	5-27	SN74HC04ANS-E05	5-4	TC74VHC245F(EL)	5-5		
M51132FP-E1	5-27	SN74HC08ANS	5-5	TC74VHC32F	5-34		
M62021FP	5-27	SN74HC08ANS-E05	5-5	TC74VHC32F(EL)	5-34		
M66256FP-E2	5-27	SN74HC126ANS	5-33	TC74VHC4040F(EL)	5-34		
MAX202CSE	5-28	SN74HC126ANS-E05	5-33	TC74VHC574F	5-5		
MAX202CSE-T	5-28	SN74HC132ANS	5-33	TC74VHC574F(EL)	5-5		
MAX238CWG	5-28	SN74HC132ANS-E05	5-33	TC74VHC74F	5-5		
MAX238CWG-TE2	5-28	SN74HC163ANS-E05	5-29	TC74VHC74F(EL)	5-5		
MB88351PFV	5-28	SN74HC244ANS	5-4	TC74VHC86F	5-6		
MB88351PFV-ER	5-28	SN74HC244ANS-E05	5-4	TC74VHC86F(EL)	5-6		
MC10H125M	5-28	SN74HC245ANS	5-5	TC74VHCT04AF(EL)	5-4		
MC10H125MEL	5-28	SN74HC245ANS-E05	5-5	TC74VHCT244AF(EL)	5-4		
MC14017BF	5-29	SN74HC32ANS	5-34	TC74VHCT244AFT(EL)	5-4		
MC14017BF-T2	5-29	SN74HC32ANS-E05	5-34	TC74VHCT245AFT(EL)	5-5		
MC14053BF	5-29	SN74HC4040ANS	5-34	TC74VHCT245F(EL)	5-5		
MC14053BFEL	5-29	SN74HC4040ANS-E05	5-34	TC74VHCT74AF(EL)	5-5		
MC34051MEL	5-29	SN74HC574ANS	5-5	TC7S00F(TE85R)	5-32		
MC74HC163AF	5-29	SN74HC574ANS-E05	5-5	TC7S02F(TE85R)	5-32		
MC74HC4046AF	5-30	SN74HC574APW-E05	5-5	TC7S04F(TE85R)	5-32		
MC74HC4046AFEL	5-30	SN74HC574APW-E20	5-5	TC7S08F	5-37		
MC74HC4051F	5-30	SN74HC86ANS-E05	5-6	TC7S08F(TE85R)	5-37		
MC74HC4051FEL	5-30	SN74HCT245ANS	5-5	TC7S32F(TE85R)	5-32		
MC74HC4053F	5-30	SN74HCT245ANS-E05	5-5	TC7S86F(TE85R)	5-35		
MC74HC4053F-T2	5-30	SN74LS123NS	5-35	TC7S86F-TE85L	5-35		
MC74HC4053FEL	5-30	SN74LS123NS-E05	5-35	TC7SH02FU	5-32		
		SN74LVC821APW-E05	5-35	TC7SH02FU-TE85R	5-32		
NJM062V(TE2)	5-30	SN75158PS	5-35	TC7SH08FU-TE85R	5-37		
NJM3414AM	5-30	SN75158PS-E05	5-35	TC7SH32FU-TE85R	5-32		
NJM3414AM-TE2	5-30	SN75179BPS	5-35	TC7W02F	5-37		
NJM360M	5-31			TC7W02FU(TE12R)	5-37		
NJM360M-TE2	5-31	TC4S30F	5-35	TC7W04FU(TE12R)	5-37		
NJM4556AM-A-TE2	5-30	TC4S30F(TE85R)	5-35	TL062CPS	5-30		
NJM4558M-TE2	5-30	TC4S69F	5-32	TL062CPS-E05	5-30		
NJM4558V-TE2	5-30	TC4S69F(TE85R)	5-32	TL064CNS	5-37		
NJM4560M	5-30						

DIODE

—TOP VIEW—



1S2835-T1
1S2836
1SS300-TE85L

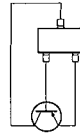
—TOP VIEW—



RD10M-B2
RD10M-T1B
RD2.0M-T1B
RD2.0MB
RD4.7M-B
RD4.7M-T1B
RD5.1M-T1B
RD6.8M-T1B
UZM5.1B

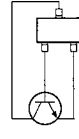
TRANSISTOR

—TOP VIEW—



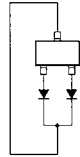
2SA1122-CD
2SA1122CD-TL
2SA1162G
2SA1226-E4
2SA1226-T1E3E4
2SA1610-T1Y34
2SA1610-Y33
2SA812-T1M7

—TOP VIEW—



2SC1623
2SC1623-T1-L5L6
2SC3356-K
2SC3356-T1K
2SD596DV345
2SD596T1-DV345

—TOP VIEW—



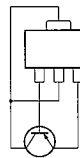
1S2837-T1
1SS184
1SS301-TE85L
HSMP-3894
MA141WK

—TOP VIEW—



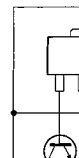
RD3.0UH-T1

—TOP VIEW—



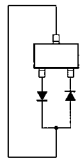
2SA1213Y-TE12L
2SB798-DL

—TOP VIEW—



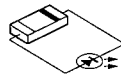
2SC2873Y-TE12L
2SD1614-T1XL
2SD1621-ST
2SD1623-S

—TOP VIEW—



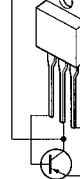
1SS123-T1
1SS226
HSM88AS
HSM88AS-TL

LED



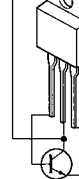
CL-150PG-CD
; GREEN
CL-150PG-CD-T

—TOP VIEW—



2SA1328-Y
2SA1329-O

—TOP VIEW—

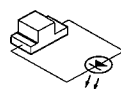


2SC3345-Y
2SC3346-O

—TOP VIEW—

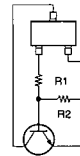


1T363
1T363-04-T8B



CL-150SR-CD-T
; RED

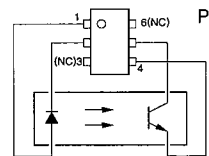
—TOP VIEW—



2SA1385-Z-T2M
DTC143XKA-T146
(R1=4.7 K, R2=10 K)
FA1A4M-L33
(R1, R2=10 K)

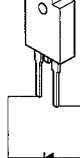
OTHERS

—TOP VIEW—

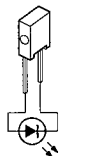


PS2604L

—TOP VIEW—

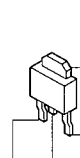


ERC62M-004



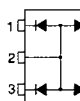
HLMP-6300-010
; RED
HLMP-6400-010
; YELLOW
HLMP-6500-010
; GREEN

—TOP VIEW—

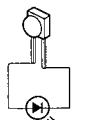


2SA1615-Z-K

—TOP VIEW—



FMP1
FMP1-T-148

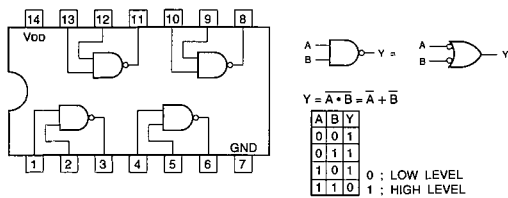


TLR223 ; RED

74LCX00SJX (NS) FLAT PACKAGE
 SN74HC00ANS (TI) FLAT PACKAGE
 SN74HC00ANS-E05
 TC74VHC00F (TOSHIBA) FLAT PACKAGE
 TC74VHC00F (EL)

C-MOS QUAD 2-INPUT NAND GATES

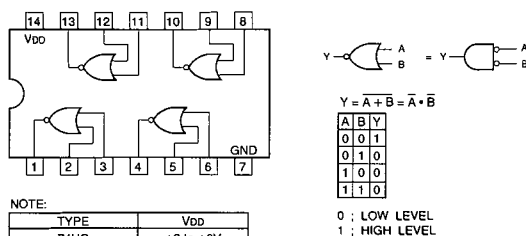
—TOP VIEW—



74LCX02SJX (NS) FLAT PACKAGE
 TC74VHC02F (TOSHIBA) FLAT PACKAGE
 TC74VHC02F (EL)

C-MOS QUAD 2-INPUT NOR GATES

—TOP VIEW—



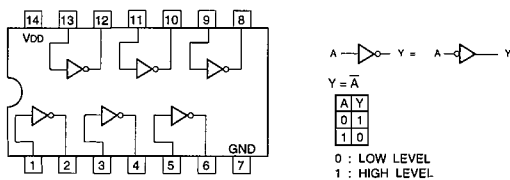
NOTE:

TYPE	VDD
74HC	+2 to +6 V
74AC/74VHC	+2 to +5.5 V
74HCT/74ACT	+4.5 to +5.5 V
74LCX	+2 to +3.6 V

74LCX04MTCX (NS) FLAT PACKAGE
 74LCX04SJX (NS) FLAT PACKAGE
 74VHC04MTCX (NS) FLAT PACKAGE
 SN74HC04ANS (TI) FLAT PACKAGE
 SN74HC04ANS-E05
 TC74VHC04F (TOSHIBA) FLAT PACKAGE
 TC74VHC04F (EL)
 TC74VHCT04AF (EL) (TOSHIBA) FLAT PACKAGE

C-MOS HEX INVERTERS

—TOP VIEW—



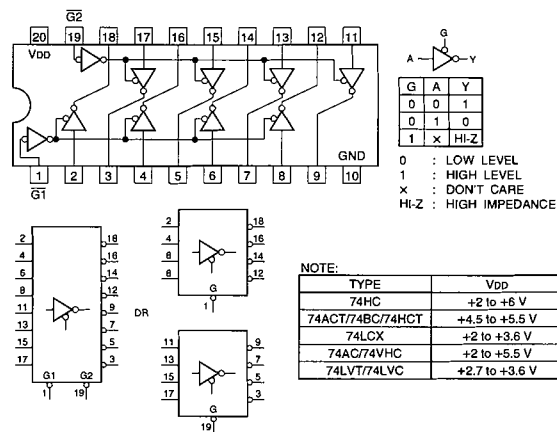
NOTE:

TYPE	VDD
74AC/74VHC	+2 to +5.5 V
74ACT/74HCT/74VHCT	+4.5 to +5.5 V
74LCX	+2 to +3.6 V
OTHER TYPE	+2 to +6 V

74LCX240MTCX (NS) FLAT PACKAGE
 74LCX240SJX (NS) FLAT PACKAGE
 TC74VHC240F (EL) (TOSHIBA)

C-MOS 3-STATE INVERTER/LINE DRIVER

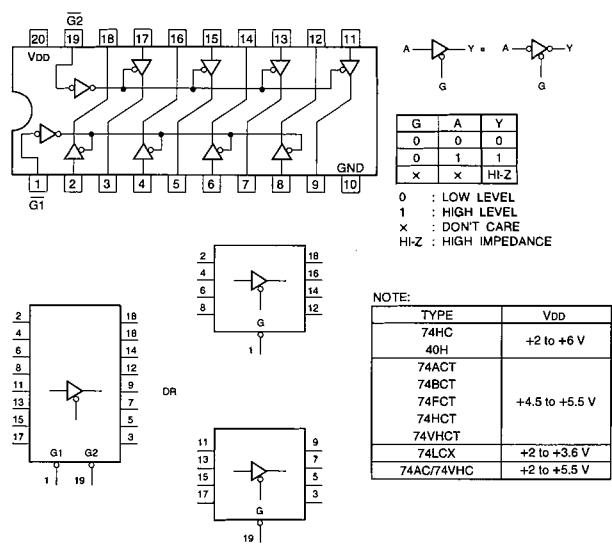
—TOP VIEW—



74LCX244MTCX (NS) FLAT PACKAGE
 74LCX244SJX (NS) FLAT PACKAGE
 74VHC244MTCX (NS) FLAT PACKAGE
 SN74HC244ANS (TI) FLAT PACKAGE
 SN74HC244ANS-E05
 TC74VHCT244AF (EL) (TOSHIBA) FLAT PACKAGE
 TC74VHCT244AF (EL) (TOSHIBA) FLAT PACKAGE

C-MOS BUS BUFFER WITH 3-STATE OUTPUTS

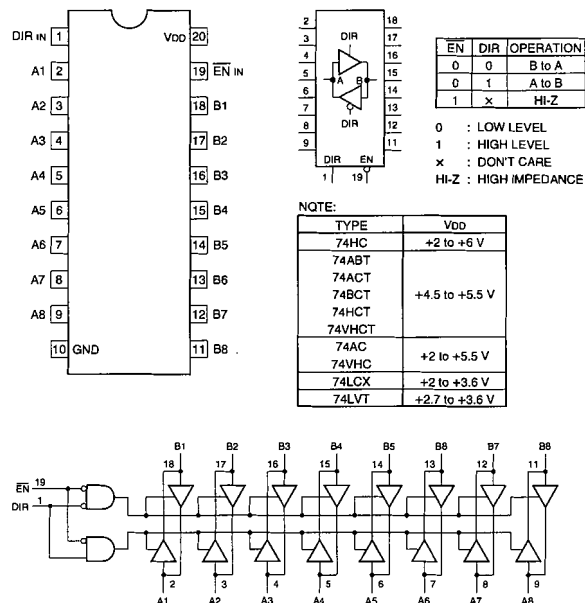
—TOP VIEW—



74LCX245MTCX (NS) FLAT PACKAGE
 74LCX245SJX (NS) FLAT PACKAGE
 74VHC245MTCX (NS) FLAT PACKAGE
 SN74HC245ANS (TI) FLAT PACKAGE
 SN74HC245ANS-E05
 SN74HCT245ANS (TI) FLAT PACKAGE
 SN74HCT245ANS-E05
 TC74VHC245F(EL) (TOSHIBA) FLAT PACKAGE
 TC74VHCT245AFT(EL) (TOSHIBA) FLAT PACKAGE
 TC74VHCT245F(EL) (TOSHIBA) FLAT PACKAGE

C-MOS BILATERAL BUS TRANSCEIVERS WITH 3-STATE OUTPUTS

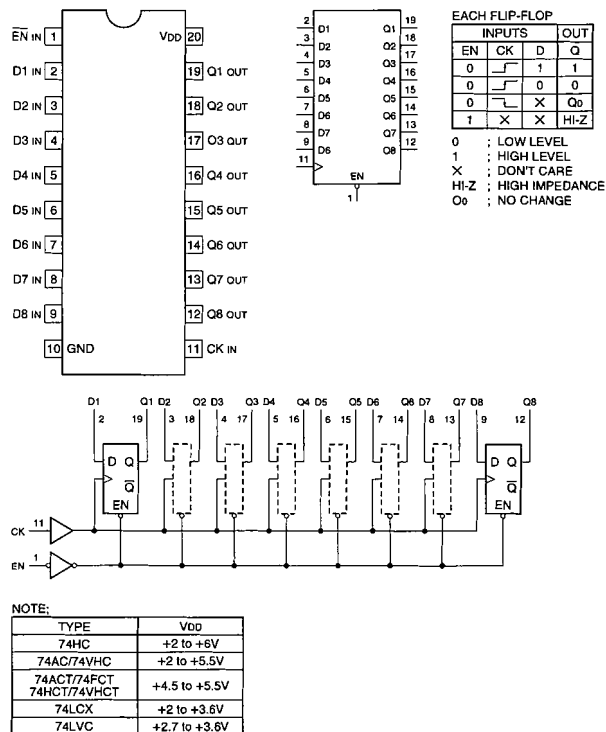
—TOP VIEW—



74LCX574MTCX (NS) FLAT PACKAGE
 74LCX574SJX (NS) FLAT PACKAGE
 74VHC574MTCX (NS) FLAT PACKAGE
 74VHCT574MTCX (NS)
 SN74HC574ANS (TI) FLAT PACKAGE
 SN74HC574ANS-E05
 SN74HC574APW-E05
 SN74HC574APW-E20 (TI)
 TC74VHC574F (TOSHIBA) FLAT PACKAGE
 TC74VHC574F(EL)

C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP

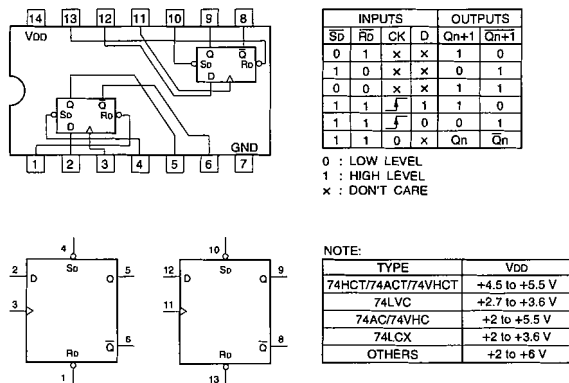
—TOP VIEW—



74LCX74SJX (NS) FLAT PACKAGE
 74VHC74MTCX (NS) FLAT PACKAGE
 TC74VHC74F (TOSHIBA) FLAT PACKAGE
 TC74VHC74F(EL)
 TC74VHCT74AF(EL) (TOSHIBA) FLAT PACKAGE

C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET

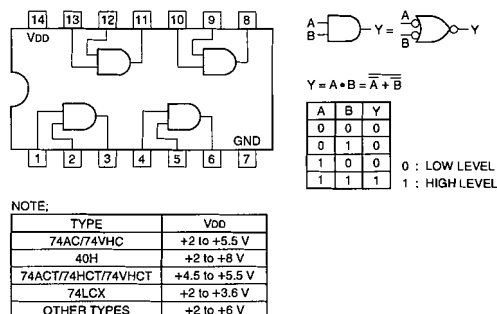
—TOP VIEW—



74VHC08MTCX (NS) FLAT PACKAGE
 SN74HC08ANS (TI) FLAT PACKAGE
 SN74HC08ANS-E05
 TC74VHC08F(EL) (TOSHIBA)

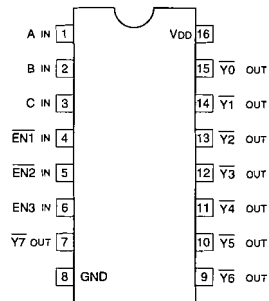
C-MOS QUAD 2-INPUT AND GATE

—TOP VIEW—



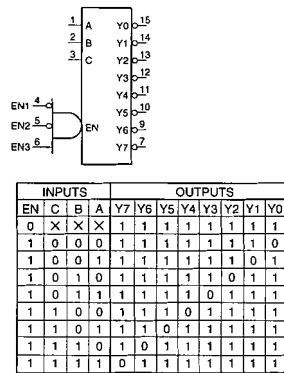
74VHC138MTCX (NS)FLAT PACKAGE
TC74VHC138F(EL) (TOSHIBA)

C-MOS 3-TO-8 LINE DECODER / DEMULTIPLEXER
—TOP VIEW—



NOTE:

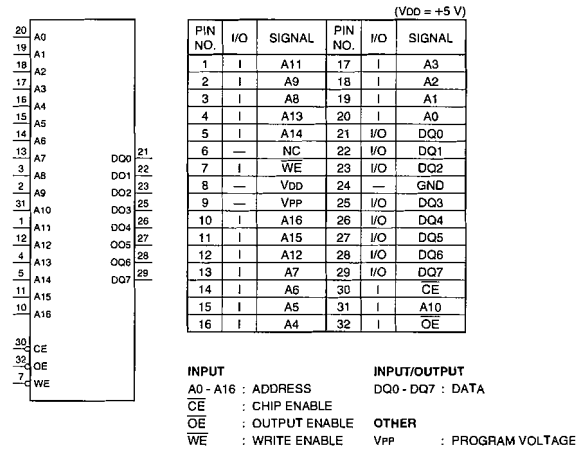
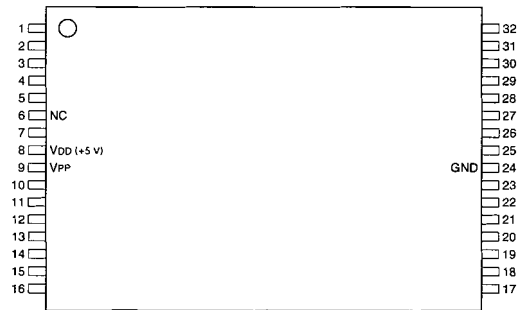
TYPE	V _{DD}
74HCT	+5 V
74ACT/74HCT/74VHCT	+4.5 to +5.5 V
74AC/74VHC	+2 to +5.5 V
OTHER TYPES	+2 to +6 V



EN = EN1 • EN2 • EN3 0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE

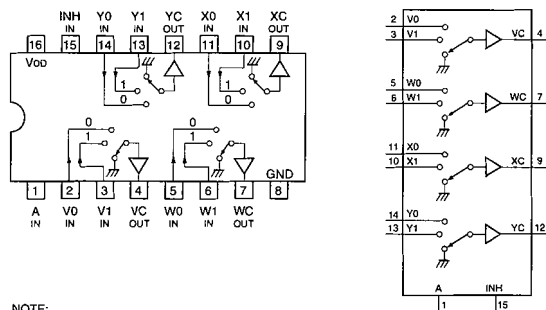
AM28F010-120EC (AMD)FLAT PACKAGE

C-MOS 1M (131,072 × 8)-BIT BULK ERASE FLASH MEMORY
—TOP VIEW—



74VHC157MTCX (NS)FLAT PACKAGE

C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
—TOP VIEW—



NOTE:

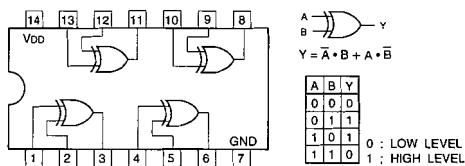
TYPE	V _{DD}
74ACT/74FCT/74VHCT	+5 V
TC74AC157P TC74AC157 74VHC	+2 to +5.5 V
TC40H	+2 to +8 V
OTHER TYPES	+2 to +6 V

CONT. IN	ON CHANNEL
INH A	0
0 0	0
0 1	1
1 X	GND

0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE

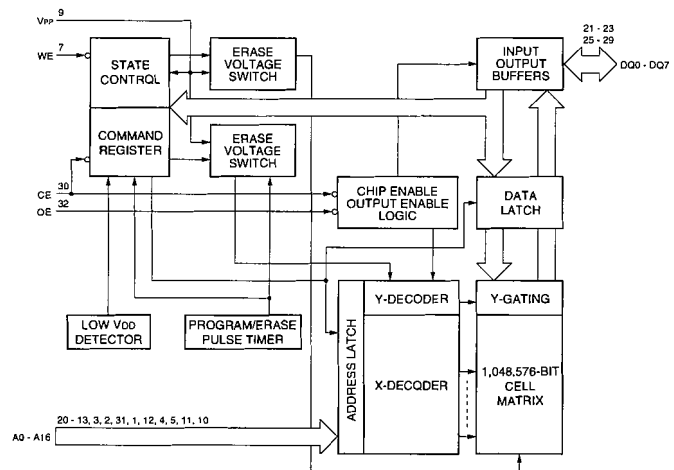
74VHC86MTCX (NS)FLAT PACKAGE
SN74HC86ANS-E05
TC74HC86AF (TOSHIBA)FLAT PACKAGE
TC74VHC86F (TOSHIBA)FLAT PACKAGE
TC74VHC86F(EL)

C-MOS QUAD EXCLUSIVE OR GATES
—TOP VIEW—



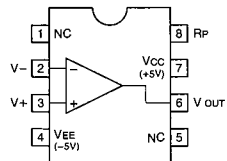
NOTE:

TYPE	V _{DD}
74AC/74VHC	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
OTHER TYPES	+2 to +6V



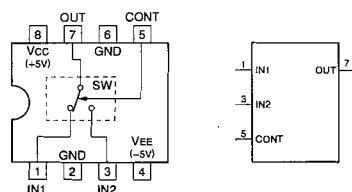
CLC505AJE (COMLINEAR) FLAT PACKAGE
CLC505AJE-T

OPERATIONAL AMPLIFIER
—TOP VIEW—



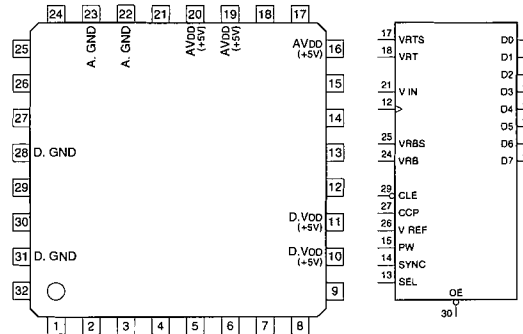
CXA1450M (SONY) FLAT PACKAGE
CXA1450M-TH (SONY) FLAT PACKAGE

VIDEO SIGNAL SWITCH
—TOP VIEW—



CXD1176Q (SONY)
CXD1176Q-T4

C-MOS 8-BIT 20MSPS VIDEO A/D CONVERTER
—TOP VIEW—



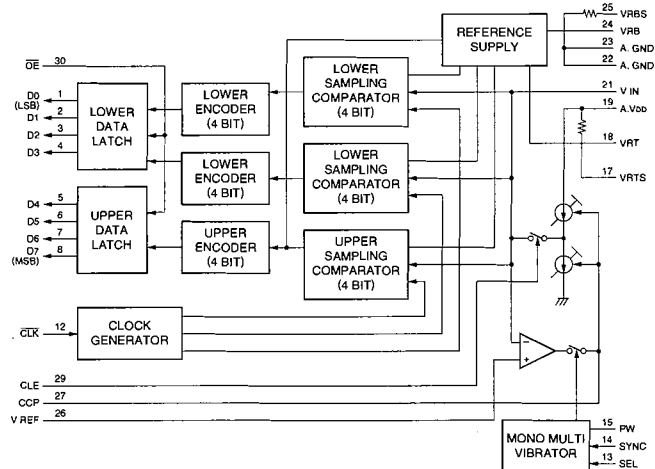
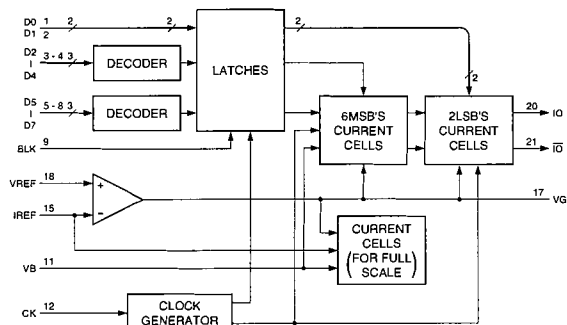
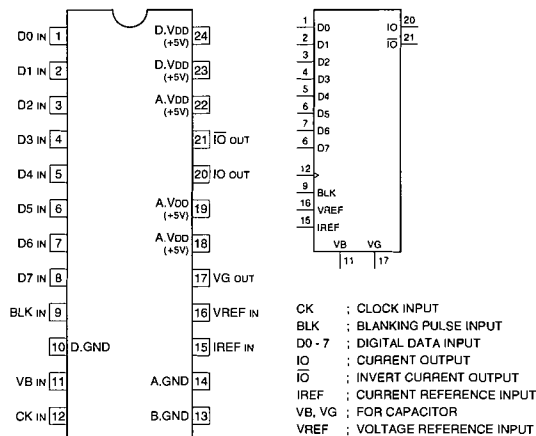
(A VDD, D VDD = +5V)					
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	D0(LSB)	17	I	VRTS
2	O	D1	18	I	VRT
3	O	D2	19	—	A.VDD
4	O	D3	20	—	A.VDD
5	O	D4	21	I	V IN
6	O	D5	22	—	A.GND
7	O	D6	23	—	A.GND
8	O	D7(MSB)	24	I	VRB
9	—	NC	25	I	VRBS
10	—	D.VDD	26	I	VREF
11	—	D.VDD	27	I	CCP
12	I	CLK	28	—	D.GND
13	I	SEL	29	I	CLE
14	I	SYNC	30	I	OE
15	I	PW	31	—	D.GND
16	—	A.VDD	32	—	NC

INPUT
CCP : CLAMP CONTROL VOLTAGE FOR INTEGRATOR
CLE : CLAMP ENABLE
CLK : CLOCK
CLP : CLAMP PULSE
OE : OUTPUT ENABLE
PW : PULSE WIDTH FOR MONO MULTI
SEL : TRIGGER SELECT
SYNC : TRIGGER PULSE FOR MONO MULTI VIBRATOR
V IN : ANALOG
VRB : REFERENCE VOLTAGE (BOTTOM)
VRBS : SELF REFERENCE VOLTAGE SHORT (+0.5 V/BOTTOM)
VREF : VOLTAGE REFERENCE FOR CLAMP
VRT : REFERENCE VOLTAGE (TOP)
VRTS : SELF REFERENCE VOLTAGE SHORT (+2.6 V/TOP)

OUTPUT
D0 - D7 : DATA

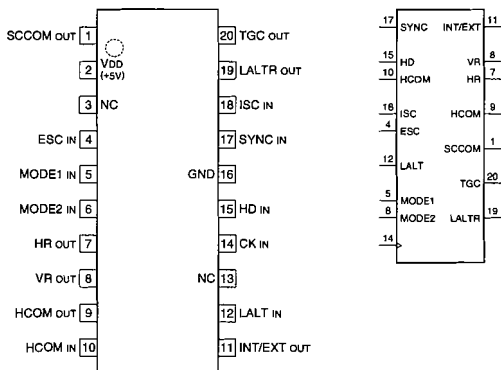
CXD1171M (SONY) FLAT PACKAGE
CXD1171M-TH

C-MOS 8-BIT D/A CONVERTER
—TOP VIEW—



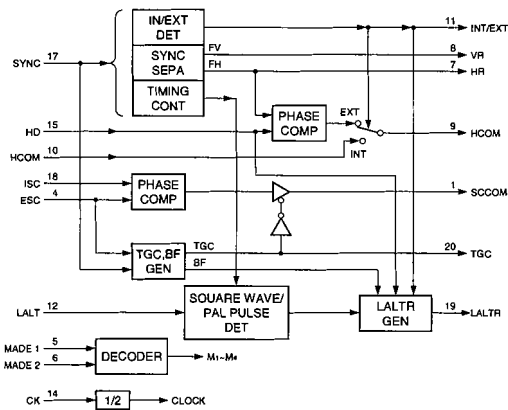
CXD1216M (SONY) FLAT PACKAGE
CXD1216M-TH

C-MOS GENLOCK DRIVER
—TOP VIEW—



INPUT	MODE1	MODE2	MODE	SYSTEM
0	0	0	M1	PAL-VBS
1	0	0	M2	PALM-VBS
0	1	0	M3	PAL, SECAM-VS/SC/LALT
1	1	1	M4	NTSC-VBS, NTSC-VS/SC/LALT

0 : LOW LEVEL
1 : HIGH LEVEL

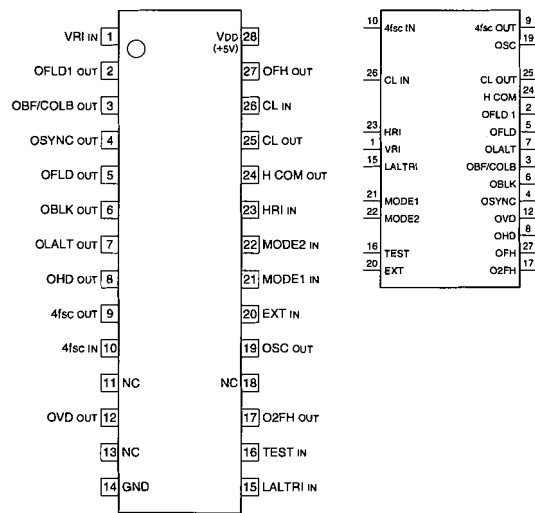


INPUT
CK : 4fsc CLOCK INPUT
ESC : SC/COLOR BURST
HCOM : PHASE COMPARE FROM CXD1217
HD : H DRIVE FROM CXD1217
ISC : SUBCARRIER FROM CXD1217
LALT : LALT FROM REFERENCE SIGNAL GENERATOR
MODE1, 2 : SYSTEM SELECT
SYNC : SYNC FROM REFERENCE SIGNAL GENERATOR

OUTPUT
HCOM : PHASE COMPARE HR WITH HD
HR : fh OF SYNC SEPARATE
INT/EXT : INTERNAL/EXTERNAL SPECIFIED
LALTR : LINE CHANGE RESET
SCCOM : PHASE COMPARE ESC WITH ISC
TGC : TRISTATE CONTROL
VR : fv OF SYNC SEPARATE

CXD1217M (SONY) FLAT PACKAGE
CXD1217M-TH

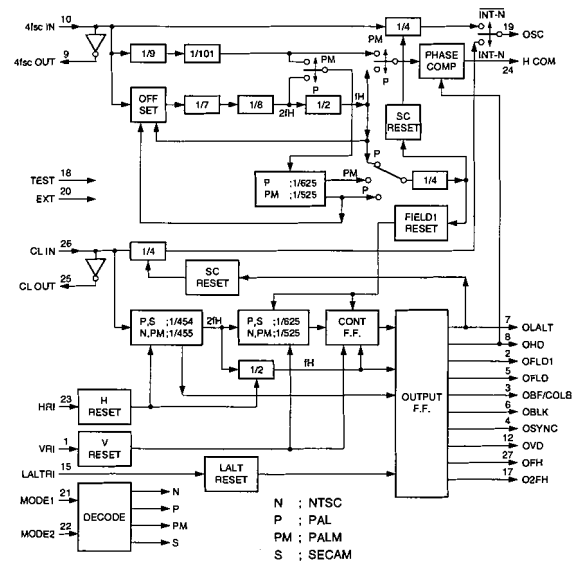
C-MOS SYNC GENERATOR
—TOP VIEW—



SYSTEM	4fsc	CLOCK
NTSC	910H	910H
PAL	1135H+2V	908H
PALM	909H	910H
SECAM	—	908H

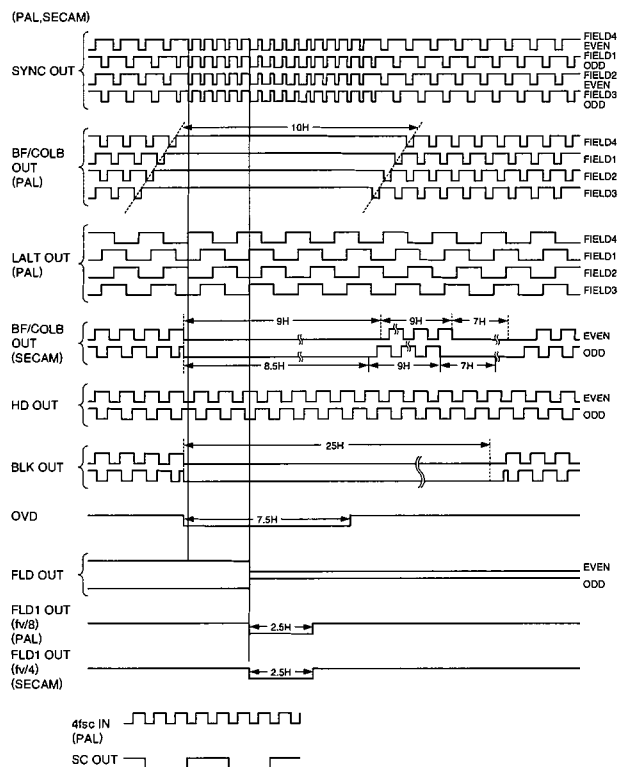
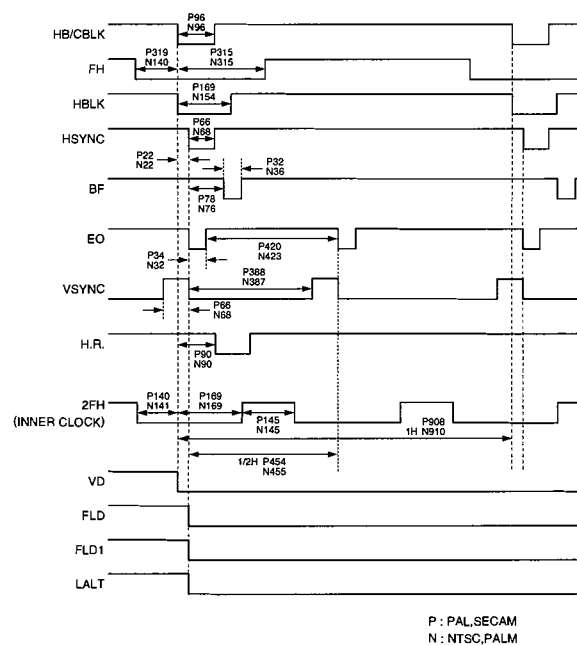
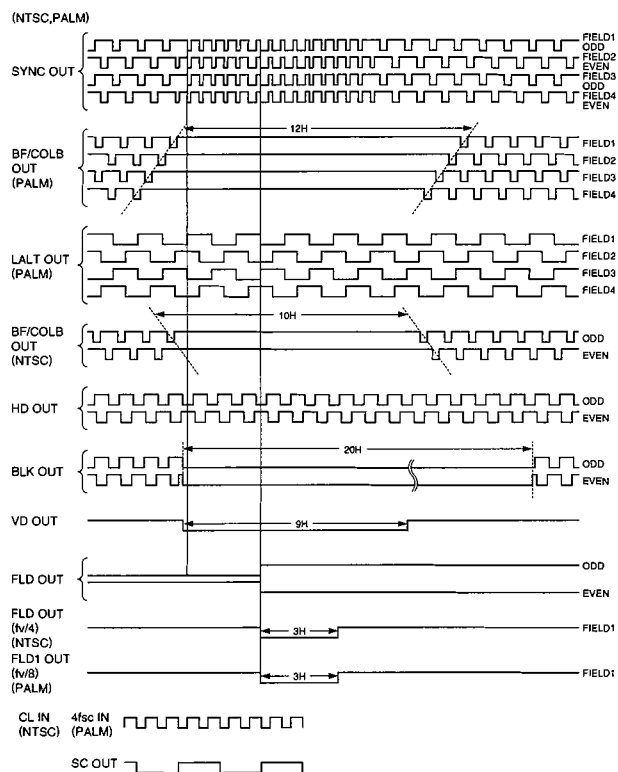
INPUT	MODE1	MODE2	SYSTEM
0	0	0	NTSC
0	1	0	SECAM
1	0	0	PALM
1	1	1	PAL

0 : LOW LEVEL
1 : HIGH LEVEL



INPUT
4fsc IN : 4fsc INPUT
CL IN : CLOCK INPUT
EXT : SYNC MODE SELECT
(L : INTERNAL/H : EXTERNAL)
HRI : H RESET
LALTRI : LINE CHANGE RESET
MODE1, 2 : SYSTEM SELECT
VRI : V RESET

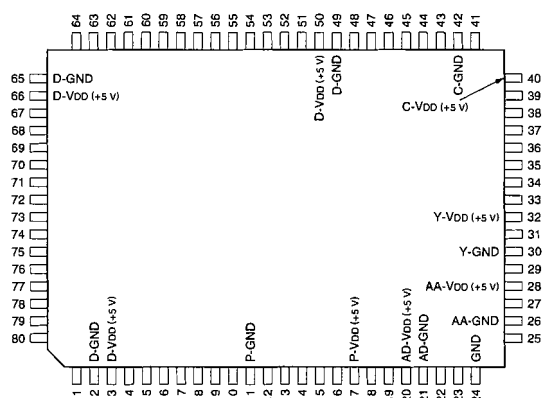
OUTPUT
4fsc OUT : 4fsc OUTPUT
CL OUT : CLOCK OUTPUT
H COM : PHASE COMPARE
O2FH : 2fH OUTPUT
OBF/COLB : BURST FLAG/COLOR BLANKING
OBLK : COMPOSITE BLANKING
OFH : H FREQUENCY
OFLD : EVEN, ODD
OFLD1 : FIELD1
OHD : H DRIVE
OLALT : LINE CHANGE
OSC : SUB CARRIER
OSYNC : COMPOSITE SYNC
OVD : V DRIVE



CXD2043Q (SONY)

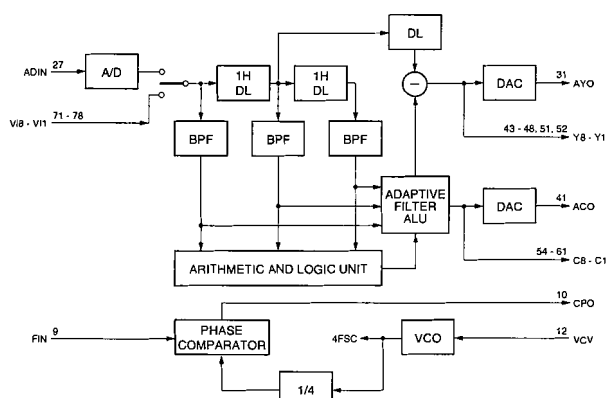
C-MOS DIGITAL COMB FILTER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	OCLK	21	—	AD-GND	41	O	ACO	61	O	C1
2	—	D-GND	22	I	ICP	42	—	C-GND	62	I	XCQE
3	—	D-VDD	23	I	CRV	43	O	Y8	63	I	APCN
4	O	CLKO	24	—	GND	44	O	Y7	64	I	TST
5	I	MCK	25	O	RB	45	O	Y6	65	—	D-GND
6	I	ADCK	26	—	AA-GND	46	O	Y5	66	—	D-VDD
7	O	CK4	27	I	ADIN	47	O	Y4	67	I	TEST
8	I	TEST	28	—	AA-VDD	48	O	Y3	68	I	TEST
9	I	FIN	29	O	RT	49	—	D-GND	69	I	TEST
10	O	CPO	30	—	Y-GND	50	—	D-VDD	70	I	BPF
11	—	P-GND	31	O	AYO	51	O	Y2	71	I	V18
12	I	VCV	32	—	Y-VDD	52	O	Y1	72	I	V17
13	I	TEST	33	O	YVG	53	I	XYOE	73	I	V16
14	I	TEST	34	I	YVRF	54	O	C8	74	I	V15
15	I	VCEN	35	I	YIRF	55	O	C7	75	I	V14
16	O	TEST	36	O	VB	56	O	C6	76	I	V13
17	—	P-VDD	37	I	CIRF	57	O	C5	77	I	V12
18	I	CLPI	38	I	CVRF	58	O	C4	78	I	V11
19	I	CPON	39	O	CVG	59	O	C3	79	I	ADCO
20	—	AD-VDD	40	—	C-VDD	60	O	C2	80	I	INSL

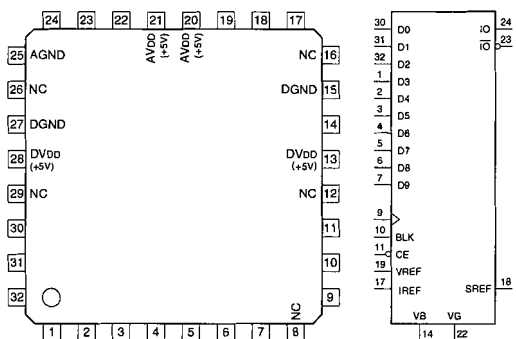
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
27	ADIN	AYO	31	ADCK	: AD CONVERTER CLOCK	53	XYOE	: DIGITAL CHROMA SIGNAL	73	I	V16
76	V11	Y1	52	ADCO	: AD CONTROL	54	VCEN	: VCO OSCILLATION ENABLE	74	I	V15
77	V12	Y2	51	ADIN	: COMB FILTER ANALOG SIGNAL	55	YIRF	: DIGITAL Y SIGNAL OUTPUT CONTROL	75	I	V14
76	V13	Y3	48	APCN	: APERTURE CORRECTION SELECT	56	MCK	: MASTER CLOCK	76	I	V13
75	V14	Y4	47	BPF	: BPF/NORMAL SELECT	57	OCLK	: CLOCK	77	I	V12
74	V15	Y5	46	CIRF	: C SIGNAL REFERENCE CUREENT	58	CVRF	: C FULL-SCALE CONTROL	78	I	V11
73	V16	Y6	45	CLPI	: AD CONVERTER CLAMP PULSE	59	CVG	: CONNECT EXTERNAL CAPACITOR	79	I	ADCO
72	V17	Y7	44	CPON	: CLAMP ON/OFF CONTROL	60	C2	: DIGITAL/ANALOG INPUT SELECT	80	I	INSL
71	V18	Y8	43	CRV	: CLAMP REFERENCE VOLTAGE	61	C1	: DIGITAL CHROMA SIGNAL			
1	OCLK	C1	61	FIN	: FSC CLOCK	62	XCQE	: DIGITAL CHROMA SIGNAL			
5	MCK	C2	60	ICP	: CLAMP CONTROL	63	APCN	: DIGITAL CHROMA SIGNAL			
6	ADCK	C3	59	INSL	: DIGITAL/ANALOG INPUT SELECT	64	BPF	: BPF/NORMAL SELECT			
15	VCEN	C4	56	MCK	: MASTER CLOCK	65	D-GND	: DIGITAL CHROMA SIGNAL			
18	CLPI	C5	57	OCLK	: CLOCK	66	D-VDD	: DIGITAL CHROMA SIGNAL			
19	CPON	C6	56	TEST	: TEST	67	D-GND	: DIGITAL CHROMA SIGNAL			
22	ICP	C7	55	TST	: Y OUTPUT THROUGH MODE	68	D-VDD	: DIGITAL CHROMA SIGNAL			
9	FIN	C8	54	V11 - V18	: DIGITAL COMPOSITE VIDEO SIGNAL	69	D-GND	: DIGITAL CHROMA SIGNAL			
12	VCV	CPO	54	VCEN	: VCO OSCILLATION ENABLE	70	BPF	: BPF/NORMAL SELECT			
64	TST	RB	25	VCV	: VCO OSCILLATION CONTROL VOLTAGE	71	V18	: DIGITAL CHROMA SIGNAL			
23	CRV	RT	29	XCQE	: DIGITAL CHROMA SIGNAL OUTPUT CONTROL	72	V17	: DIGITAL CHROMA SIGNAL			
34	YVRF	RT	33	XYOE	: DIGITAL CHROMA SIGNAL OUTPUT CONTROL	73	V16	: DIGITAL CHROMA SIGNAL			
35	YVRF	YVG	36	YIRF	: DIGITAL Y SIGNAL OUTPUT CONTROL	74	V15	: DIGITAL CHROMA SIGNAL			
37	CIRF	VB	38	YVRF	: Y SIGNAL REFERENCE CUREENT	75	V14	: DIGITAL CHROMA SIGNAL			
38	CVRF	VB	38	YVRF	: Y FULL-SCALE CONTROL	76	V13	: DIGITAL CHROMA SIGNAL			
53	XYOE	CVG	18	TEST	: TEST	77	V12	: DIGITAL CHROMA SIGNAL			
62	XCQE	TEST	18	TEST	: TEST	78	V11	: DIGITAL CHROMA SIGNAL			
63	APCN	TEST	18	TEST	: TEST	79	ADCO	: DIGITAL CHROMA SIGNAL			
70	BPF	TEST	18	TEST	: TEST	80	INSL	: DIGITAL CHROMA SIGNAL			
79	ADCO	TEST	18	TEST	: TEST						
80	INSL	TEST	18	TEST	: TEST						
6	TEST	TEST	18	TEST	: TEST						
13	TEST	TEST	18	TEST	: TEST						
14	TEST	TEST	18	TEST	: TEST						
67	TEST	TEST	18	TEST	: TEST						
68	TEST	TEST	18	TEST	: TEST						
69	TEST	TEST	18	TEST	: TEST						



CXD2315Q (SONY)

C-MOS 10-BIT 1CH D/A CONVERTER

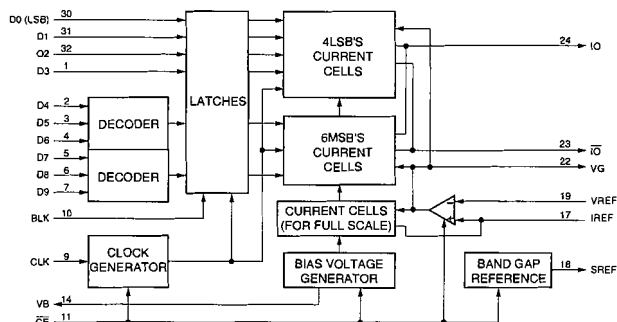
—TOP VIEW—



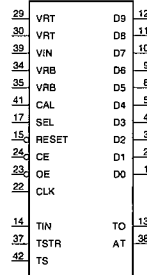
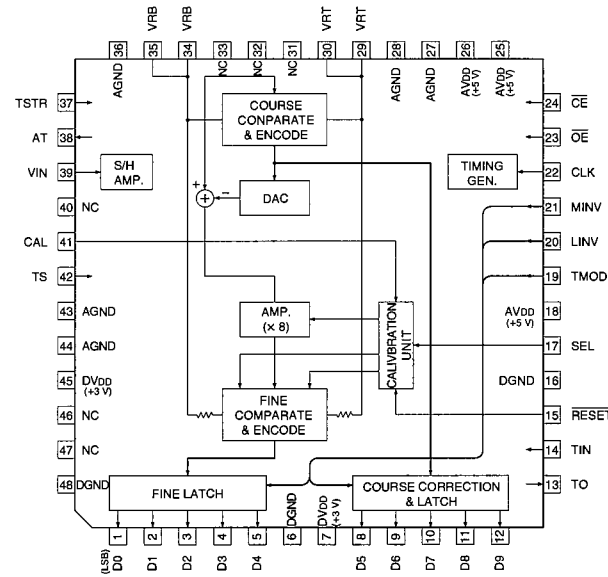
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	D3	17	I	IREF
2	I	D4	18	O	SREF
3	I	D5	19	I	VREF
4	I	D6	20	—	AVDD
5	I	D7	21	—	AVDD
6	I	D8	22	O	VG
7	I	D9(MSB)	23	O	IO
8	—	NC	24	O	IO
9	I	CK	25	—	AGND
10	I	BLK	26	—	NC
11	I	CE	27	—	DGND
12	—	NC	28	—	DVDD
13	—	DVDD	29	—	NC
14	O	VB	30	I	D0(LSB)
15	—	DGND	31	I	D1
16	—	NC	32	I	D2

BLK : BLANKING PULSE INPUT
 CE : CHIP ENABLE
 CK : CLOCK INPUT
 D0 - 7 : DIGITAL DATA INPUTS
 IO : CURRENT OUTPUT
 IO : INVERT CURRENT OUTPUT
 IREF : CURRENT REFERENCE INPUT
 SREF : INDEPENDENT CONSTANT
 SREF : VOLTAGE OUTPUT
 VB, VG : FOR CAPACITOR
 VREF : VOLTAGE REFERENCE INPUT
 MAXIMUM CONVERSION RATE

CXD2306Q	75MSPS
CXD2315Q	80MSPS



CXD2310AR-T4 (SONY)

C-MOS 10-BIT 20 MSPS VIDEO A/D CONVERTER
—TOP VIEW—

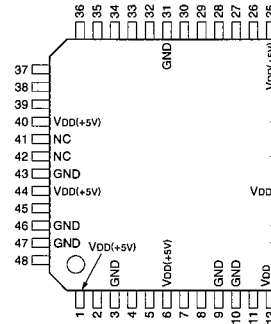
INPUT

- CAL : CALIBRATION PULSE INPUT
- CE : CHIP ENABLE
- CLK : CLOCK
- LINV : OUTPUT (D0 - D8) INVERSION
- MINV : OUTPUT (D9) INVERSION
- OE : DIGITAL DATA OUTPUT ENABLE
- RESET : CALIBRATION CIRCUIT RESET
- SEL : OUTPUT DATA (D5 - D9) SELECT FOR CALIBRATION (4-CLOCK)
- TIN : TEST SIGNAL INPUT
- TMOD : TEST MODE
- TS : TEST SIGNAL INPUT
- TSTR : TEST SIGNAL INPUT
- VRB : REFERENCE BOTTOM VOLTAGE
- VRT : REFERENCE TOP VOLTAGE

OUTPUT

- AT : TEST SIGNAL OUTPUT
- D0 - D9 : DIGITAL DATA OUTPUT
- TO : TEST PIN

CXD2555Q (SONY)

C-MOS 1-BIT AD/DA CONVERTER
—TOP VIEW—

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	—	VDD	13	O	AOUT2(-)	25	—	VDD	37	I	DASL0
2	O	AOUT1(+)	14	—	GND	26	I	MS	38	I	DASL1
3	—	GND	15	—	GND	27	I/O	LCK	39	I	WO
4	O	UCLK	16	I	AIN2	28	I/O	BCK	40	—	VDD
5	O	XCLK	17	—	VDD	29	I	SIN	41	—	NC
6	—	VDD	18	—	NC	30	O	SOUT	42	—	NC
7	I	XTL1	19	—	GND	31	—	GND	43	—	GND
8	O	XTL0	20	—	NC	32	I	MASL	44	—	VDD
9	—	GND	21	—	GND	33	I	MLSL	45	I	AIN1
10	—	GND	22	O	XMCK2	34	I	XSL0	46	—	GND
11	O	AOUT2(+)	23	I	TEST	35	I	XSL1	47	—	GND
12	—	VDD	24	I	CLR	36	I	XSL2	48	O	AOUT1(-)

INPUT

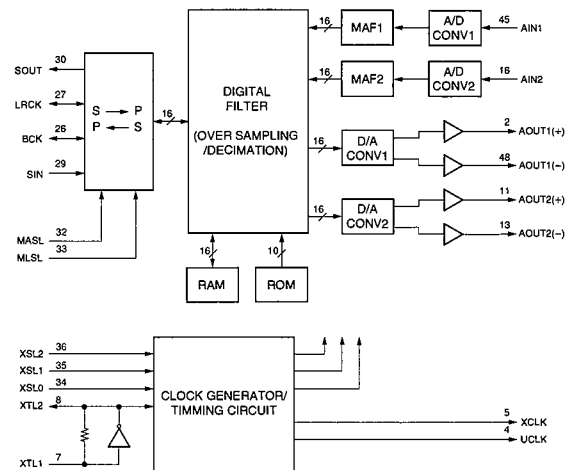
- AIN1, AIN2 : CH1/CH2 AD CONVERTER ANALOG INPUTS
- CLR : SYSTEM CLEAR (H : NORMAL ; CLEAR)
- DASL0 : IC TEST PIN (H : NORMAL)
- DASL1 : IC TEST PIN (L : NORMAL)
- MASL : FOR SERIAL I/O WITH 16-BIT SERIAL DATA, SELECTS EITHER THE FIRST 16-BIT SLOT OR THE LAST 16-BIT SLOT OF THE 32-BIT SLOT. (H : FORWARD PACKING, L : REARWARD PACKING)
- MLSL : LSB FIRST/MSB FIRST SELECT (H : MSB FIRST ; L : LSB FIRST)
- MS : MASTER/SLAVE MODE SELECT (H : MASTER MODE ; L : SLAVE MODE)
- SIN : SERIAL DATA INPUT (1 SAMPLING 2 CHANNEL)
- TEST : TEST PIN
- WO : WINDOW OPEN FOR SYNCHRONOUS (H : WINDOW MASK ; L : WINDOW OPEN)
- XSL0, XSL1, XSL2 : CRYSTAL SELECT
- XTL1 : CRYSTAL OSCILLATOR INPUT

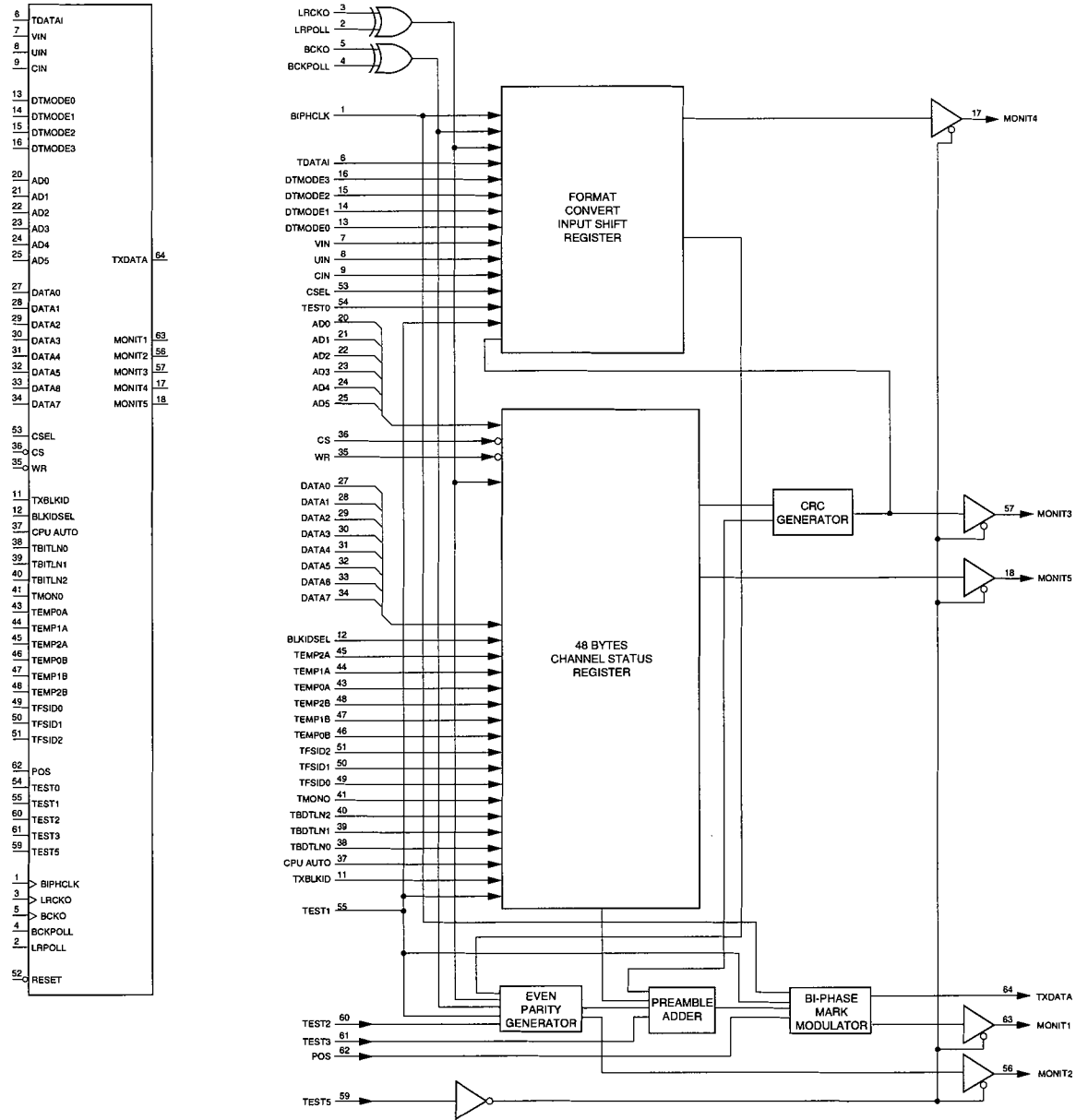
OUTPUT

- AOUT1(+), AOUT2(+): CH1/CH2 DA CONVERTER ANALOG (+) OUTPUTS
- AOUT1(-), AOUT2(-): CH1/CH2 DA CONVERTER ANALOG (-) OUTPUTS
- SOUT : SERIAL OUTPUT (1 SAMPLING 2 CHANNEL)
- UCLK : USER CLOCK
- XCLK : 256Fs CLOCK
- XMCK2 : IC TEST PIN (L : NORMAL)
- XTL0 : CRYSTAL OSCILLATOR OUTPUT

INPUT/OUTPUT

- BCK : SERIAL BIT TRANSFER CLOCK FOR SERIAL I/O
- LCK : SAMPLING FREQUENCY CLOCK FOR SERIAL I/O

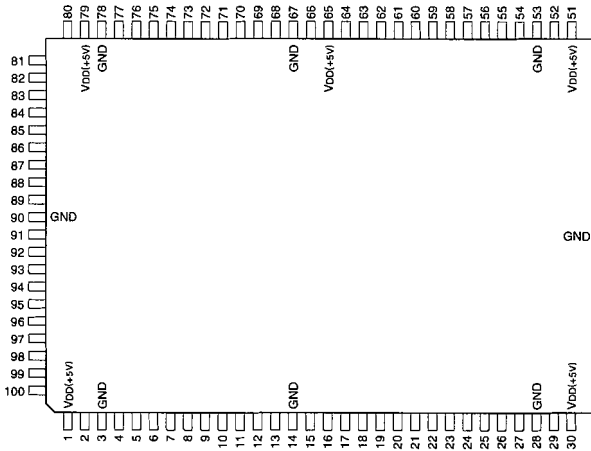




CXD8337Q (SONY)

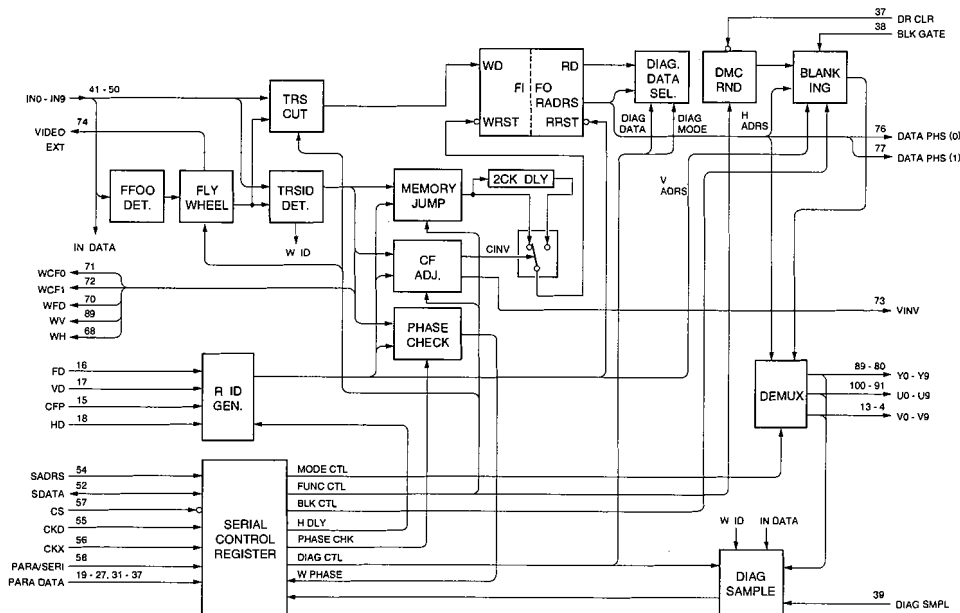
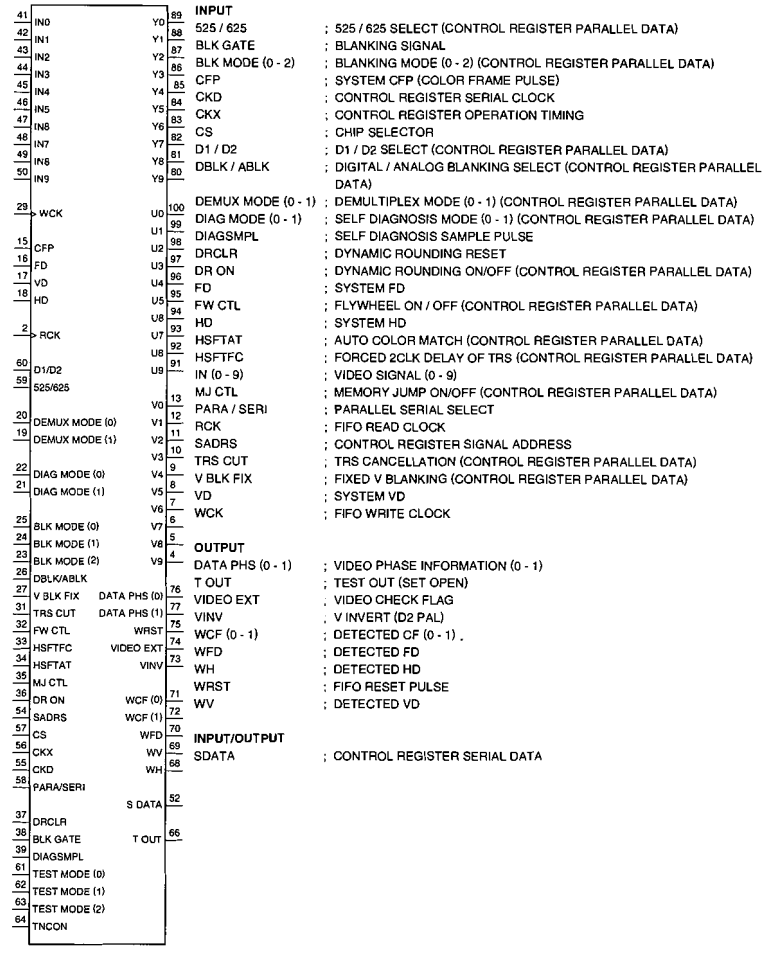
C-MOS DIGITAL VIDEO INPUT PROCESSOR

—TOP VIEW—



(VDD = +5V)

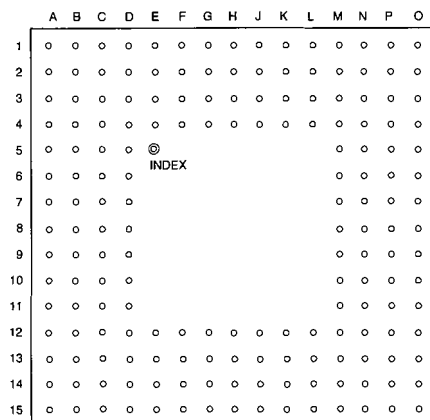
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	—	VDD	26	I	DBLK ABLK	51	—	VDD	76	O	DATA PH50
2	I	RCK	27	I	VBK FIX	52	I/O	SDATA	77	O	DATA PH51
3	—	GND	28	—	GND	53	—	GND	78	—	GND
4	O	V9	29	I	WCK	54	I	SADRS	79	—	VDD
5	O	V8	30	—	VDD	55	I	CKD	80	O	Y9
6	O	V7	31	I	TRS CUT	56	I	CKX	81	O	Y8
7	O	V8	32	I	FW CTL	57	I	CS	82	O	Y7
8	O	V5	33	I	HSFTFC	58	I	PARA/SERI	83	O	Y6
9	O	V4	34	I	HSFTAT	59	I	525/625	84	O	Y5
10	O	V3	35	I	MJ CTL	60	I	D1/D2	85	O	Y4
11	O	V2	36	I	DR ON	61	I	TEST0	86	O	Y3
12	O	V1	37	I	DR CLR	62	I	TEST1	87	O	Y2
13	O	V0	38	I	BLK GATE	63	I	TEST2	88	O	Y1
14	—	GND	39	I	DIAGSMPL	64	I	TNCON	89	O	Y0
15	I	CFP	40	—	GND	65	—	VDD	90	—	GND
16	I	FD	41	I	IN0	66	O	TOUT	91	O	U9
17	I	VD	42	I	IN1	67	—	GND	92	O	U8
18	I	HD	43	I	IN2	68	O	WH	93	O	U7
19	I	DEMUX MODE1	44	I	IN3	69	O	WV	94	O	U6
20	I	DEMUX MODE0	45	I	IN4	70	O	WFD	95	O	U5
21	I	DIAG MODE1	46	I	IN5	71	O	WCF0	96	O	U4
22	I	DIAG MODE0	47	I	IN6	72	O	WCF1	97	O	U3
23	I	BLK MODE2	48	I	IN7	73	O	VINV	98	O	U2
24	I	BLK MODE1	49	I	IN8	74	O	VIDEO EXT	99	O	U1
25	I	BLK MODE0	50	I	IN9	75	O	WRST	100	O	U0



CXD8350G (SONY)

C-MOS DIGITAL VIDEO PROCESSOR

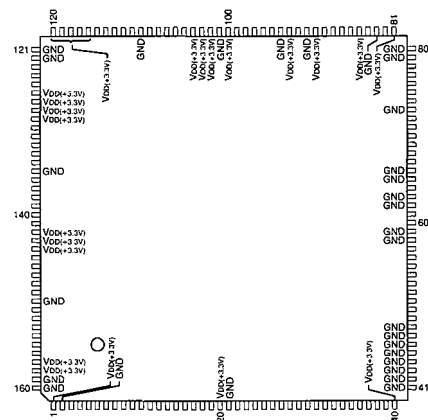
—BOTTOM VIEW—



CXD8352Q (NEC)

C-MOS RATE CONVERTER

—TOP VIEW—



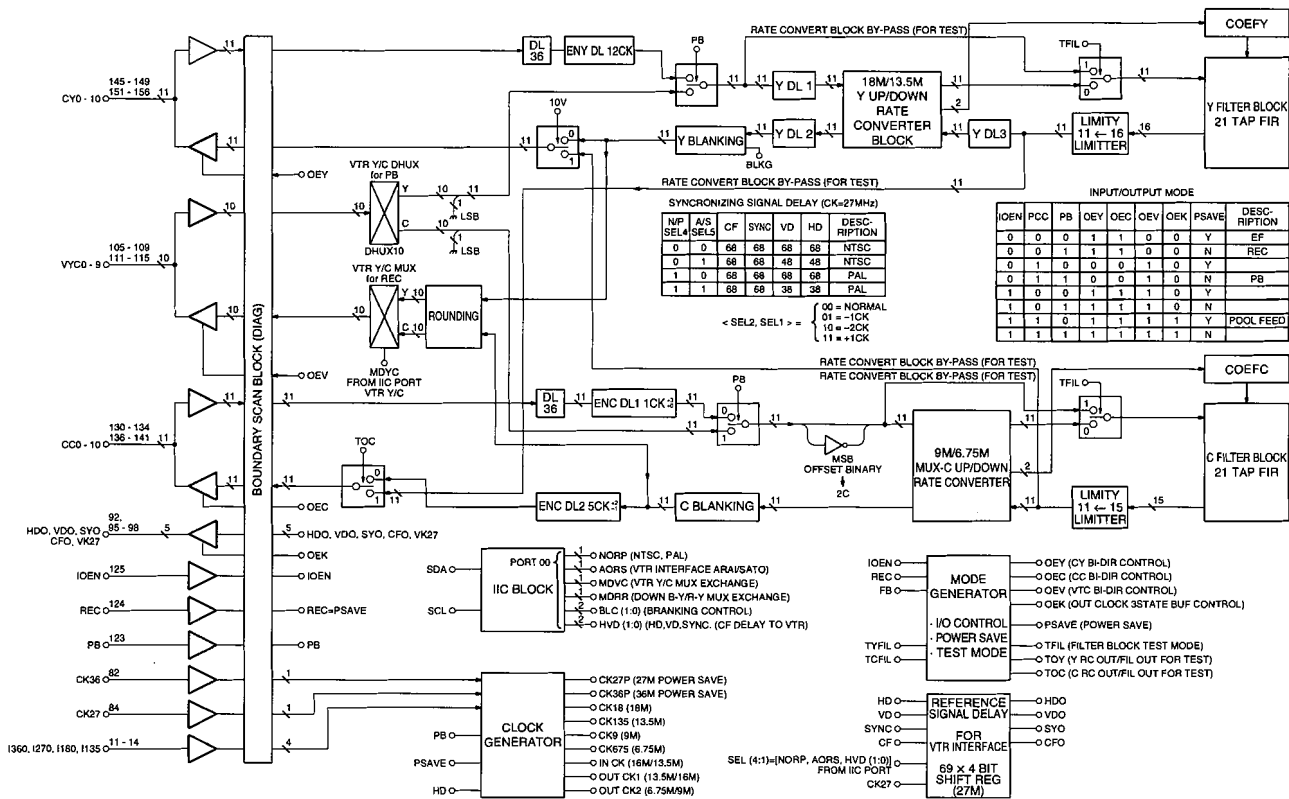
(VDD = +5V)

PIN No.	I/O	SYMBOL	PIN No.	I/O	SYMBOL	PIN No.	I/O	SYMBOL	PIN No.	I/O	SYMBOL
1	—	GND	45	O	ZA 1	89	I	IW1 S	133	I	RI 7
2	O	VBS 0	46	O	ZA 2	90	I	RI 4	134	I	RI 8
3	O	VBS 1	47	O	ZA 3	91	I	RI 5	135	—	GND
4	O	VBS 2	48	I	SCC 0	92	I	RI 6	136	O	ZA 7
5	O	VBS 3	49	I	SCC 1	93	—	GND	137	O	ZA 8
6	I	DLCP	50	—	VDD	94	O	ZA 4	138	I	SCC 4
7	I	SYNC	51	O	OSC 0	95	O	ZA 5	139	I	SCC 5
8	I	BLKG	52	O	OSC 1	96	O	ZA 6	140	—	GND
9	I	ADD A	53	I	GI 0	97	I	SCC 2	141	O	OSC 4
10	I	ADD B	54	I	GI 1	98	I	SCC 3	142	O	OSC 5
11	I	BI 0	55	I	GI 2	99	—	GND	143	I	GI 7
12	I	BI 1	56	I	GI 3	100	O	OSC 2	144	I	GI 8
13	I	BI 2	57	—	GND	101	O	OSC 3	145	—	VDD
14	I	BI 3	58	O	VBS 4	102	I	GI 4	146	O	VBS 9
15	—	GND	59	O	VBS 5	103	I	GI 5	147	O	NCLK
16	O	XB 0	60	O	VBS 6	104	I	GI 6	148	O	ASYN
17	O	XB 1	61	I	BF	105	—	GND	149	I	EXBL
18	O	XB 2	62	I	LALT	106	O	VBS 7	150	I	MSCK
19	O	XB 3	63	I	FLD1	107	O	VBS 8	151	I	HFCK
20	I	DTT 0	64	I	ADD C	108	I	HD	152	I	BI 9
21	I	DTT1	65	I	ADD D	109	I	VD	153	—	VDD
22	—	VDD	66	I	BI 4	110	I	SYSQ	154	O	XB 9
23	I	STUP	67	I	BI 5	111	I	NPPX	155	I	DTT 6
24	I	SCCT	68	I	BI 6	112	I	RESP	156	I	DTT 7
25	O	ZB 0	69	—	GND	113	I	BI 7	157	—	VDD
26	O	ZB 1	70	O	XB 4	114	I	BI 8	158	I	GSC 0
27	O	ZB 2	71	O	XB 5	115	—	GND	159	I	GSC 1
28	O	ZB 3	72	O	XB 6	116	O	XB 7	160	O	ZB 9
29	—	GND	73	I	DTT 2	117	O	XB 8	161	—	VDD
30	O	XA 0	74	I	DTT 3	118	I	DTT 4	162	O	XA 9
31	O	XA 1	75	—	GND	119	I	DTT 5	163	I	SINE
32	O	XA 2	76	I	CBEN	120	—	GND	164	I	NTPL
33	O	XA 3	77	I	SMEI	121	I	OE	165	I	EBFR
34	I	D2D1	78	O	ZB 4	122	I	HFSL	166	I	IW2 C
35	I	IP2 A	79	O	ZB 5	123	O	ZB 7	167	I	IW2 S
36	I	IP1 A	80	O	ZB 6	124	O	ZB 8	168	I	RI 9
37	I	IW1 A	81	—	GND	125	—	GND	169	—	VDD
38	I	IW1 B	82	O	XA 4	126	O	XA 7	170	O	ZA 9
39	I	RI 0	83	O	XA 5	127	O	XA 8	171	I	SCC 6
40	I	RI 1	84	O	XA 6	128	I	RGB	172	I	SCC 7
41	I	RI 2	85	I	NEPO	129	I	IP2 C	173	—	VDD
42	I	RI 3	86	I	IP2 B	130	I	IP1 C	174	O	OSC 6
43	—	GND	87	I	IP1 B	131	I	IW2 A	175	O	OSC 7
44	O	ZA 0	88	I	IW1 C	132	I	IW2 B	176	I	GI 9

(VDD = +3.3V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	—	VDD	41	—	GND	81	—	VDD	121	—	GND
2	—	GND	42	—	GND	82	I	CK36	122	—	GND
3	I	CYC0	43	—	GND	83	—	GND	123	I	PB
4	I	CYC1	44	—	GND	84	I	CK27	124	I	REC
5	I	CCC0	45	—	GND	85	—	VDD	125	I	IDEN
6	I	CCC1	46	—	GND	86	I	HDI	126	—	VDD
7	I	CVV0	47	—	GND	87	I	VDI	127	—	VDD
8	I	CVV1	48	—	GND	88	I	SYI	128	—	VDD
9	I	CCV0	49	I	TIIC	89	I	CFI	129	—	VDD
10	I	CCV1	50	I	IID0	90	—	VDD	130	I/O	CC0
11	I	I360	51	I	IID1	91	—	GND	131	I/O	CC1
12	I	I270	52	I	IID2	92	O	VK27	132	I/O	CC2
13	I	I180	53	I	IID3	93	—	VDD	133	I/O	CC3
14	I	I135	54	I	IID4	94	—	GND	134	I/O	CC4
15	I	ED10	55	I	IID5	95	O	HDO	135	—	GND
16	I	ED11	56	I	IID6	96	O	VDO	136	I/O	CC5
17	I	ED00	57	I	IID7	97	O	SYO	137	I/O	CC6
18	I	ED01	58	—	GND	98	O	CFO	138	I/O	CC7
19	I	TLD	59	—	GND	99	O	BLKO	139	I/O	CC8
20	—	VDD	60	I	IIA0	100	—	VDD	140	I/O	CC9
21	—	GND	61	I	IIA1	101	—	GND	141	I/O	CC10
22	I	TTS0	62	—	GND	102	—	VDD	142	—	VDD
23	I	TTS1	63	—	GND	103	—	VDD	143	—	VDD
24	I	TTS2	64	I	IICW	104	—	VDD	144	—	VDD
25	I	TTS3	65	—	GND	105	I/O	VYC0	145	I/O	CY0
26	I	TTS4	66	—	GND	106	I/O	VYC1	146	I/O	CY1
27	I	TD10	67	I/O	ICD	107	I/O	VYC2	147	I/O	CY2
28	I	TD11	68	I	ICK	108	I/O	VYC3	148	I/O	CY3
29	I	TD12	69	O	ICS	109	I/O	VYC4	149	I/O	CY4
30	I	TD13	70	O	TDO	110	—	GND	150	—	GND
31	I	TD14	71	I	ASET	111	I/O	VYC5	151	I/O	CY5
32	I	TD15	72	I	PRST	112	I/O	VYC6	152	I/O	CY6
33	I	TD16	73	—	GND	113	I/O	VYC7	153	I/O	CY7
34	I	TD17	74	I	TCK	114	I/O	VYC8	154	I/O	CY8
35	I	TD18	75	I	TDI	115	I/O	VYC9	155	I/O	CY9
36	I	TD19	76	I	TMS	116	—	VDD	156	I/O	CY10
37	I	TYFL	77	I	TRST	117	—	VDD	157	—	VDD
38	I	TCFL	78	I	BLKI	118	—	VDD	158	—	VDD
39	I	TCOE	79	—	GND	119	—	VDD	159	—	GND
40	—	VDD	80	—	GND	120	—	VDD	160	—	GND

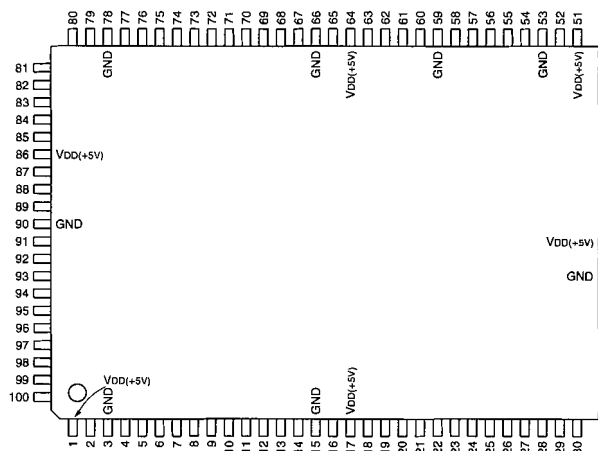
INPUT		OUTPUT	
ASET	: CONTROLLED ADDRESS	BLKO	: BLANKING
BLKI	: BLANKING	CFO	: COLOR FLAMING
CCC0, 1	: C COEFFICIENT SELECT SIGNAL DELAY (REC)	HDO	: HD
CCV0, 1	: C COEFFICIENT SELECT SIGNAL DELAY (PB)	ICS	: ACK
CFI	: COLOR FRAMING	SYO	: SYNC
CK27	: 27MHz	TDO	: BOUNDARY SCAN DATA
CK36	: 36MHz	VDO	: VD
CYC0, 1	: Y COEFFICIENT SELECT SIGNAL DELAY (REC)	VK27	: 27MHz
CYV0, 1	: Y COEFFICIENT SELECT SIGNAL DELAY (PB)		
EDIO, 1	: ENG DELAY FOR Y FROM PROCESS	INPUT/OUTPUT	
EDO0, 1	: ENG DELAY FOR Y TO PROCESS	CC0-10	: CAMERA CHROMA DATA
HDI	: HD	CY0-10	: CAMERA LUMINANCE DATA
I135	: 13.5MHz FREQUENCY RESET VALUE	ICD	: SDA
I180	: 18MHz FREQUENCY RESET VALUE	VYC0-9	: VTR Y/C VIDEO DATA
I270	: 27MHz FREQUENCY RESET VALUE		
I360	: 36MHz FREQUENCY RESET VALUE		
ICK	: SCL		
IIA0,1	: IIC WRITE ADDRESS (TEST MODE)		
IICW	: IIC WRITE GATE (TEST MODE)		
IID0-7	: IIC DATA (TEST MODE)		
IOEN	: TWO-WAYS BUFFER CONTROL		
PB	: PLAY BACK		
PRST	: POWER ON RESET		
REC	: RECORD		
SYI	: SYNC		
TCFL	: C FILTER (TEST MODE)		
TCK	: BOUNDARY SCAN CLOCK		
TCOE	: Y/C FILTER COEFFICIENT (TEST MODE)		
TDI	: BOUNDARY SCAN DATA		
TDTO-9	: FILTER COEFFICIENT (TEST MODE)		
TIIC	: IIC DATA (TEST MODE)		
TLD	: FILTER COEFFICIENT LOAD (TEST MODE)		
TMS	: SELF-DIAGNOSIS MODE (TEST MODE SELECT)		
TRST	: BOUNDARY SCAN RESET		
TTSD-4	: FILTER TAP SELECT (TEST MODE)		
TYFL	: Y FILTER (TEST MODE)		
VDI	: VD		



CXD8886Q (SONY)

C-MOS VIDEO OUTPUT PROCESSOR

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	—	VDD	26	I	V8	51	—	VDD	76	I	V BLK FIX
2	I	EWRS	27	I	V9	52	O	CKO	77	I	DBLK ABLK
3	—	GND	28	—	GND	53	—	GND	78	—	GND
4	I	ERRST	29	I	HD	54	O	DATA PHS	79	I	BLK MODE0
5	I	U0	30	I	FD	55	O	DATA PHS	80	I	BLK MODE1
6	I	U1	31	I	CFP	56	O	TRS JST	81	I	BLK MODE2
7	I	U2	32	I	PARA/SERI	57	O	SEL STAT	82	I	MUX MODE0
8	I	U3	33	I	CKX	58	O	SEL STAT	83	I	MUX MODE1
9	I	U4	34	I	CS	59	—	GND	84	I	525/625
10	I	U5	35	I	SADRS	60	I	TEST MODE0	85	I	D1/D2
11	I	U6	36	I	CKD	61	I	TEST MODE1	86	—	VDD
12	I	U7	37	I/O	SDATA	62	I	TEST MODE2	87	I	BLK GATE
13	I	U8	38	—	GND	63	I	TNCON	88	I	TRS SEL0
14	I	U9	39	I	CLK	64	—	VDD	89	I	TRS SEL1
15	—	GND	40	—	VDD	65	O	TOUT	90	—	GND
16	I	DIAG SMPL	41	O	OUT0	66	—	GND	91	I	Y0
17	—	VDD	42	O	OUT1	67	I	RDCLR	92	I	Y1
18	I	V0	43	O	OUT2	68	I	DR ON	93	I	Y2
19	I	V1	44	O	OUT3	69	I	TRS EN	94	I	Y3
20	I	V2	45	O	OUT4	70	I	BURST EN	95	I	Y4
21	I	V3	46	O	OUT5	71	I	SYNC EN	96	I	Y5
22	I	V4	47	O	OUT6	72	I	AUTO TRS	97	I	Y6
23	I	V5	48	O	OUT7	73	I	CK INV	98	I	Y7
24	I	V6	49	O	OUT8	74	I	CLIP	99	I	Y8
25	I	V7	50	O	OUT9	75	I	LIMIT	100	I	Y9

Y9	OUT9	50	INPUT
Y8	OUT8	49	525/625 SELECT
Y7	OUT7	48	AUTO TRS : AUTO TRS ADD MODE
Y6	OUT6	47	BLK GATE : BRANKING SIGNAL
Y5	OUT5	46	BLK MODE0 - 2 : BRANKING MODE
Y4	OUT4	45	BURST EN : BURST ADD ENABLE
Y3	OUT3	44	CKD : SERIAL INTERFACE SERIAL DATA
Y2	OUT2	43	CK INV : CLOCK INVERT ENABLE
Y1	OUT1	42	CKX : CONTROL REGISTER OPERATION TIMING
Y0	OUT0	41	CLIP : WHITE CLIP AND DARK CLIP ENABLE
U9	CKO	40	CLK : SYSTEM CLOCK
U8	BLK-GATE	39	CPF : SYSTEM CFP (D2 MODEL)
U7	EWRS	38	CS : CHIP SELECTOR
U6	ERRST	37	D1/D2 : CONTROL REGISTER PARALLEL DATA
U5	TRS-SEL0	36	DBLK ABLK : DIGITAL/ANALOG BLANKING SELECT
U4	TRS-SEL1	35	DIAGSMPL : SELF DIAGNOSIS SAMPLE PULS
U3	TRS-JST	34	DR ON : ROUND ENABLE
U2	D1/D2	33	ERRST : INPUT READ RESET PULSE
U1	625/625	32	EWRS : INPUT WRITE RESET PULSE
U0	MUX-MODE0	31	FD : SYSTEM FD (D1 MODEL)
V9	MUX-MODE1	30	HD : SYSTEM HD
V8	BLK-MODE0	29	LIMIT : LIMITER ENABLE
V7	BLK-MODE1	28	MUX MODE0, 1 : MULTIPLEX MODE
V6	BLK-MODE2	27	PARA/SERI : PARALLEL/SERIAL SELECT
V5	DBLK/ABLK	26	RDCLR : CLEAR PULSE
V4	V-BLK-FIX	25	SADRS : CONTROL REGISTER SIGNAL ADDRESS
V3	LIMIT	24	SYNC EN : SYNC ADD ENABLE
V2	CLIP	23	TEST0 - 2 : TEST POINT
V1	CKINV	22	TNCON : TEST POINT
V0	AUTO-TRS	21	TRS EN : TRS ADD ENABLE
CFP	SYNC-EN	20	TRS SEL0, 1 : MANUAL MODE TRS MIX
FD	BURST-EN	19	V BLK FIX : VERTICAL BLANKING LENGTH FIX
HO	TRS-EN	18	U0 - U9, Y0 - Y9, V0 - V9
CLK	DR-ON	17	: VIDEO SIGNAL
SADRS	RDCLR	16	
SDATA	TOUT		
CS	TEST-MODE0		
CKX	TEST-MODE1		
CKD	TEST-MODE2		
PARA/SERI	TNCON		
	DIAGSMPL		

OUTPUT

CKO : CLOCK

DATA PHS : OUTPUT VIDEO DATA PHASE

OUT0 - 9 : VIDEO SIGNAL

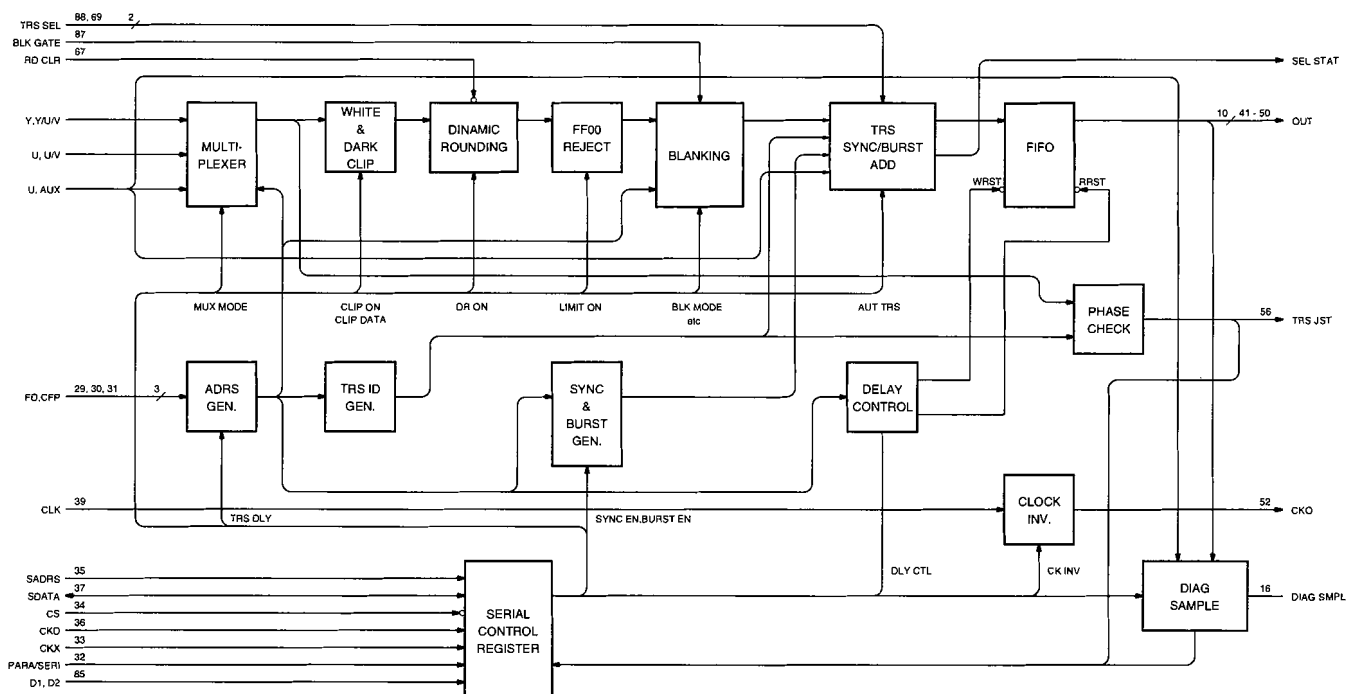
SEL START : SYNC, TRS ADD TIMING

TOUT : TEST POINT

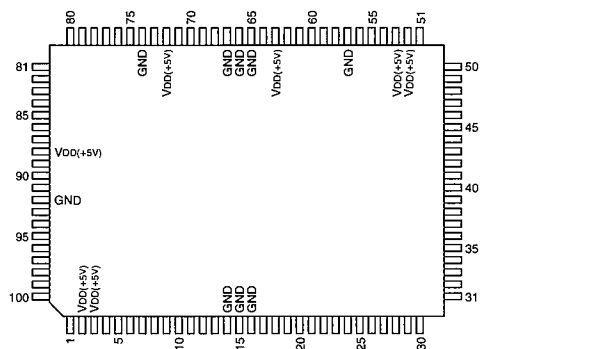
TRS JST : TRS PHASE CHECK PULSE

INPUT/OUTPUT

SDATA : CONTROL REGISTER SERIAL DATA



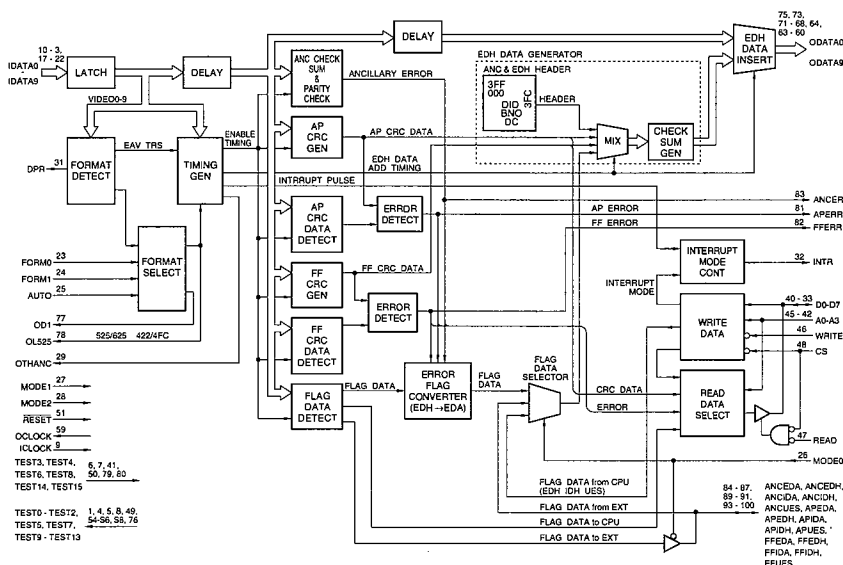
CXD8953Q (SONY)

C-MOS ERROR DETECTION AND HANDLING
—TOP VIEW—

(VDD = +5V)

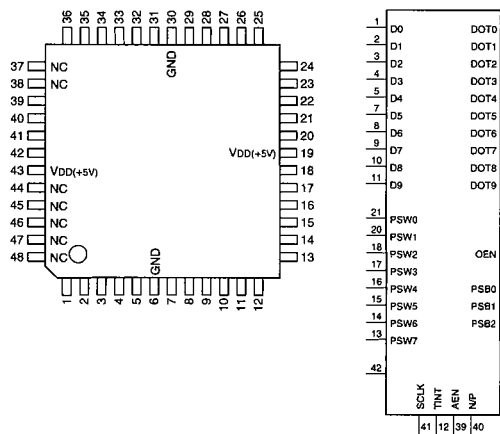
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	TEST0	21	I	IDATA8	41	I	TEST6	61	O	ODATA8	81	O	APERR			
2	—	VDD	22	I	IDATA9	42	I	A3	62	O	ODATA7	82	O	FFERR			
3	—	VDD	23	I	FORM0	43	I	A2	63	—	VDD	83	O	ANCER			
4	O	TEST1	24	I	FORM1	44	I	A1	64	O	ODATA6	84	I/O	ANCEDH			
5	O	TEST2	25	I	AUTO	45	I	A0	65	—	GND	85	I/O	ANCEDA			
6	I	TEST3	26	I	MODE0	46	I	WRITE	66	—	GND	86	I/O	ANCIDH			
7	I	TEST4	27	I	MODE1	47	I	READ	67	—	GND	87	I/O	ANCIDA			
8	O	TEST5	28	I	MODE2	48	I	CS	68	O	ODATA5	88	—	VDD			
9	I	ICLOCK	29	O	OTHANC	49	O	TEST7	69	O	ODATA4	89	I/O	ANCUES			
10	I	IDATA0	30	O	EDHVL	50	I	TEST8	70	O	ODATA3	90	I/O	APEDH			
11	I	IDATA1	31	O	DPR	51	I	RESET	71	O	ODATA2	91	I/O	APEDA			
12	I	IDATA2	32	O	INTR	52	—	VDD	72	—	VDD	92	—	GND			
13	I	IDATA3	33	I/O	D7	53	—	VDD	73	O	ODATA1	93	I/O	APIDH			
14	—	GND	34	I/O	D6	54	O	TEST9	74	—	GND	94	I/O	APIDA			
15	—	GND	35	I/O	D5	55	O	TEST10	75	O	ODATA0	95	I/O	APUES			
16	—	GND	36	I/O	D4	56	O	TEST11	76	O	TEST13	96	I/O	FFEDH			
17	I	IDATA4	37	I/O	D3	57	—	GND	77	O	OD1	97	I/O	FFEDA			
18	I	IDATA5	38	I/O	D2	58	O	TEST12	78	O	OL525	98	I/O	FFIDH			
19	I	IDATA6	39	I/O	D1	59	O	OCLOCK	79	I	TEST14	99	I/O	FFIDA			
20	I	IDATA7	40	I/O	D0	60	O	ODATA9	80	I	TEST15	100	I/O	FFUES			

INPUT	OUTPUT
A0 - A3	: ADDRESS
AUTO	: AUTO DETECT
CS	: CHIP SELECT
FORM0, FORM1	: VIDEO FORMAT
ICLOCK	: CLOCK
IDATA0 - IDATA9	: VIDEO DATA
MODE0	: 1 = Detect each FLAG and calculate CRC. Add the result and output.
	: 0 = Input each FLAG from outside and calculate CRC. Add the result and output.
MODE1	: 1 = If other ANCILLARY DATA exists EDH, such as AUDIO, no EDH is added.
	: 0 = EDH is added unconditionally.
MODE2	: MODE SELECT
READ	: READ
RESET	: RESET
TEST3, TEST4, TEST6, TEST8, TEST14, TEST15	: TEST
WRITE	: WRITE
ANCER	: ANCILLARY DATA ERROR
APERR	: ACTIVE PICTURE ERROR
DPR	: INPUT SIGNAL DETECT
EDHVLB	: ERROR DETECTION & HANDLING CORRESPOND DETECT
FFERR	: FULL FIELD ERROR
INTR	: INTERRUPT
OCLOCK	: OUTPUT CLOCK
OD1	: D1/D2 FORMAT SELECT
ODATA0 - ODATA9	: OUTPUT DATA
OL525	: 525/625, 422/4FC FORMAT SELECT
OTHANC	: OTHER ANC DATA DETECT
TEST0 - TEST2, TEST5, TEST7, TEST9 - TEST13	: TEST
ANCEDA	: ANCILLARY EDA FLAG
ANCEDH	: ANCILLARY EDH FLAG
ANCIDA	: ANCILLARY IDA FLAG
ANCIDH	: ANCILLARY IDH FLAG
ANCUES	: ANCILLARY UES FLAG
APEDA	: ACTIVE PICTURE EDA FLAG
APEDH	: ACTIVE PICTURE EDH FLAG
APIDA	: ACTIVE PICTURE IDA FLAG
APIDH	: ACTIVE PICTURE IDH FLAG
APUES	: ACTIVE PICTURE UES FLAG
D0 - D7	: CPU DATA
FFEDA	: FULL FIELD EDA FLAG
FFEDH	: FULL FIELD EDH FLAG
FFIDA	: FULL FIELD IDA FLAG
FFIDH	: FULL FIELD IDH FLAG
FFUES	: FULL FIELD UES FLAG



CXK1203AR (SONY)
CXK1203AR-T4

C-MOS DIGITAL LINE MEMORY
—TOP VIEW—



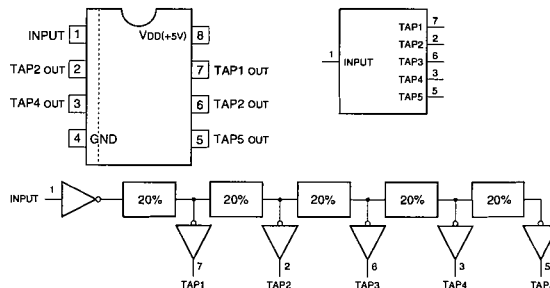
(VDD = +5V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	D0	13	I	PSW7	25	I	OEN	37	—	N.C
2	I	D1	14	I	PSW6	26	O	DOT9	38	—	N.C
3	I	D2	15	I	PSW5	27	O	DOT8	39	I	AEN
4	I	D3	16	I	PSW4	28	O	DOT7	40	I	N/P
5	I	D4	17	I	PSW3	29	O	DOT6	41	I	SCLK
6	—	GND	18	I	PSW2	30	—	GND	42	I	CLK
7	I	D5	19	—	VDD	31	O	DOT5	43	—	VDD
8	I	D6	20	I	PSW1	32	O	DOT4	44	—	N.C
9	I	D7	21	I	PSW0	33	O	DOT3	45	—	N.C
10	I	D8	22	I	PSB2	34	O	DOT2	46	—	N.C
11	I	D9	23	I	PSB1	35	O	DOT1	47	—	N.C
12	I	TINT	24	I	PSB0	36	O	DOT0	48	—	N.C

DS1000M-75 (DALLAS SEMICONDUCTOR)(DELAY TIME=75 nS)

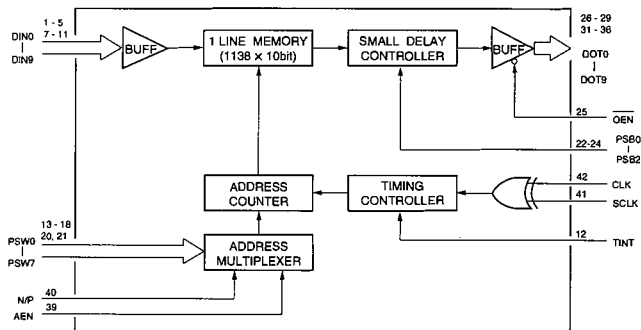
C-MOS DELAY LINE

—TOP VIEW—



TYPE. NO.	DELAY TIME (ns)				
	TAP1	TAP2	TAP3	TAP4	TAP5
DS1000M-50	10	20	30	40	50
DS1000M-60	12	24	36	48	60
DS1000M-75	15	30	45	60	75
DS1000M-100	20	40	60	80	100
DS1000M-125	25	50	75	100	125
DS1000M-150	30	60	90	120	150
DS1000M-175	35	70	105	140	175
DS1000M-200	40	80	120	160	200
DS1000M-250	50	100	150	200	250
DS1000M-500	100	200	300	400	500
DS1000Z-25	5	10	15	20	25
DS1000Z-100	20	40	60	80	100

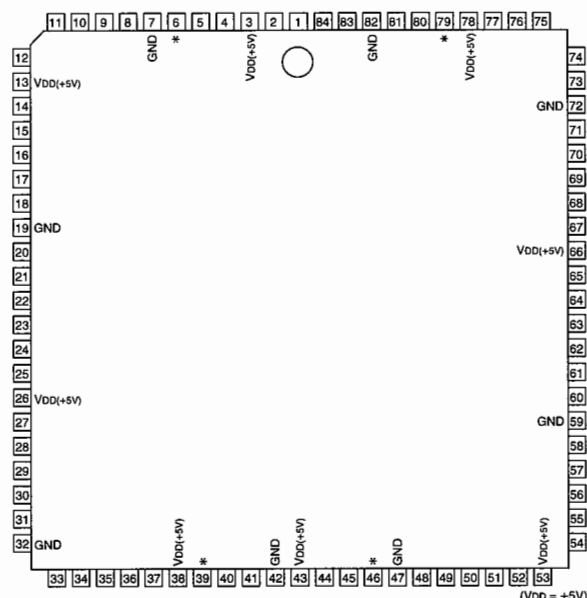
AEN : LINE MEMORY SELECT
CLK : CLOCK
DIN0 - DIN9 : VIDEO DATA INPUT
DOT0 - DOT9 : VIDEO DATA OUTPUT
N/P : NTSC/PAL/SECAM SELECT
OEN : OUTPUT ENABLE
PSB0 - PSB2 : DELAY STEP SELECT (1 BITxN)
PSW0 - PSW7 : DELAY STEP SELECT (8 BITxN)
SCLK : CLOCK EDGE SELECT
TINT : TEST



EPM7128ELC84-10 (ALTERA)

C-MOS ELECTRICAL ERASABLE PLD

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	GCLR	22	I/O	LAB B	43	—	VDD	64	I/O	LAB G
2	I	OE2	23	I/O	LAB C	44	I/O	LAB E	65	I/O	LAB G
3	—	VDD	24	I/O	LAB C	45	I/O	LAB E	66	—	VDD
4	I/O	LAB A	25	I/O	LAB C	46	I/O	LAB E*	67	I/O	LAB G
5	I/O	LAB A*	26	—	VDD	47	—	GND	68	I/O	LAB G
6	I/O	LAB A*	27	I/O	LAB C	48	I/O	LAB E	69	I/O	LAB G
7	—	GND	28	I/O	LAB C	49	I/O	LAB E	70	I/O	LAB G
8	I/O	LAB A	29	I/O	LAB C	50	I/O	LAB E	71	I/O	LAB G
9	I/O	LAB A	30	I/O	LAB C	51	I/O	LAB E	72	—	GND
10	I/O	LAB A	31	I/O	LAB C	52	I/O	LAB E	73	I/O	LAB H
11	I/O	LAB A	32	—	GND	53	—	VDD	74	I/O	LAB H
12	I/O	LAB A	33	I/O	LAB D	54	I/O	LAB F	75	I/O	LAB H
13	—	VDD	34	I/O	LAB D	55	I/O	LAB F	76	I/O	LAB H
14	I/O	LAB B	35	I/O	LAB D	56	I/O	LAB F	77	I/O	LAB H
15	I/O	LAB B	36	I/O	LAB D	57	I/O	LAB F	78	—	VDD
16	I/O	LAB B	37	I/O	LAB D	58	I/O	LAB F	79	I/O	LAB H*
17	I/O	LAB B	38	—	VDD	59	—	GND	80	I/O	LAB H
18	I/O	LAB B	39	I/O	LAB D*	60	I/O	LAB F	81	I/O	LAB H
19	—	GND	40	I/O	LAB D	61	I/O	LAB F	82	—	GND
20	I/O	LAB B	41	I/O	LAB D	62	I/O	LAB F	83	I	GCLK
21	I/O	LAB B	42	—	GND	63	I/O	LAB F	84	I	OE1

INPUT

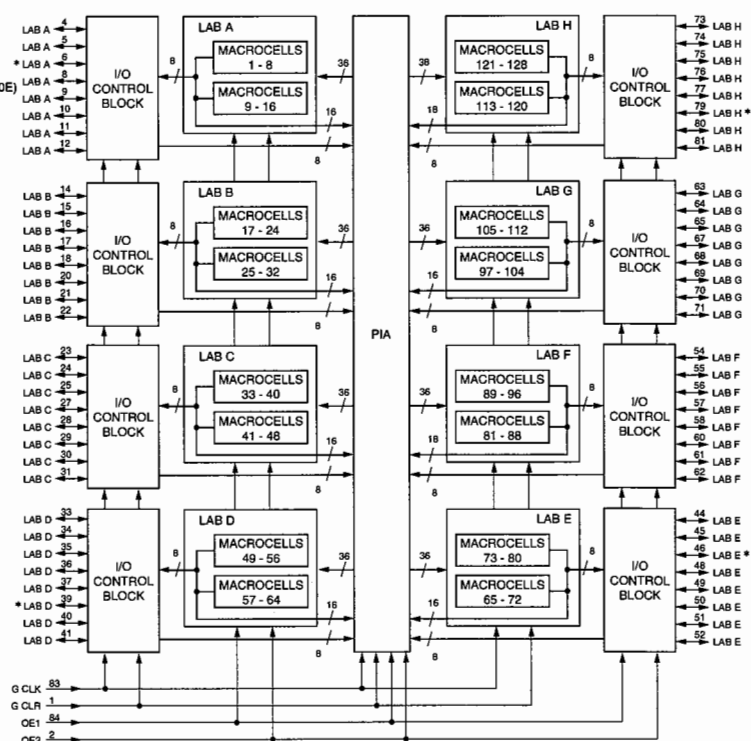
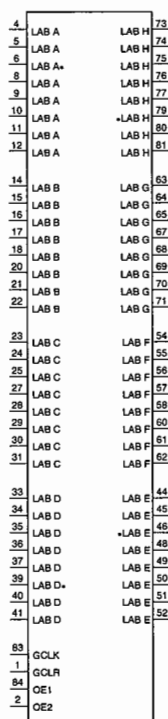
GCLK : GLOBAL CLOCK
GCLR : GLOBAL CLEAR
OE1, 2 : OUTPUT ENABLE 1, 2

INPUT/OUTPUT

LAB A : LOGIC ARRAY BLOCK A
LAB B : LOGIC ARRAY BLOCK B
LAB C : LOGIC ARRAY BLOCK C
LAB D : LOGIC ARRAY BLOCK D
LAB E : LOGIC ARRAY BLOCK E
LAB F : LOGIC ARRAY BLOCK F
LAB G : LOGIC ARRAY BLOCK G
LAB H : LOGIC ARRAY BLOCK H

NOTE

* : No CONNECT (EPM7160E)

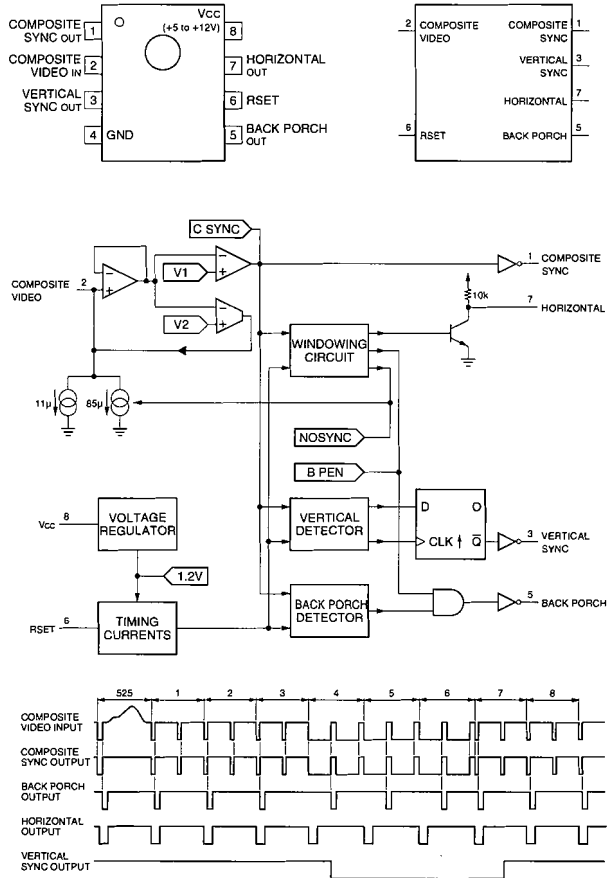
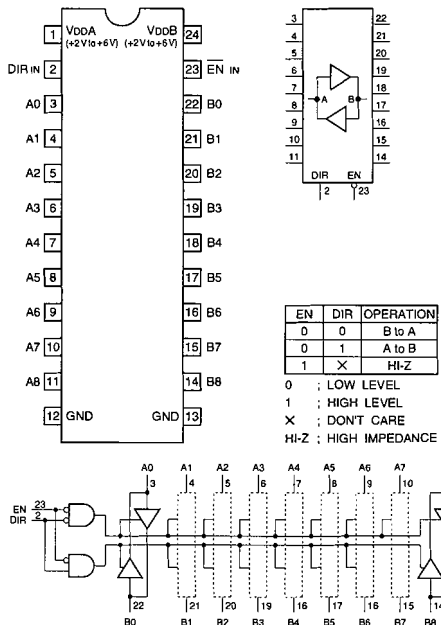
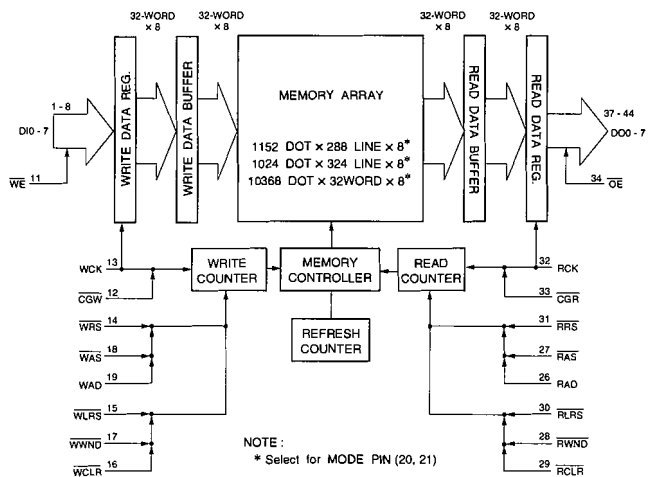
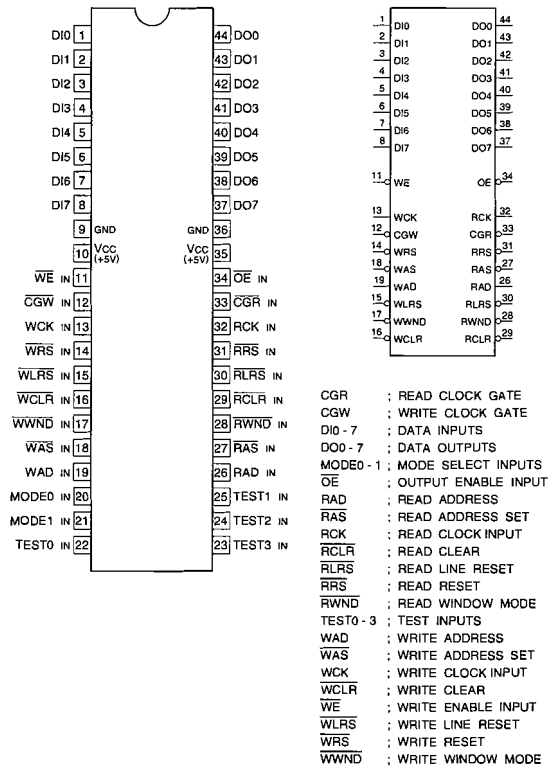


NOTE
* : No CONNECT (EPM7160E)

GS4981CTA (GENNUM)

VIDEO SYNC SEPARATOR

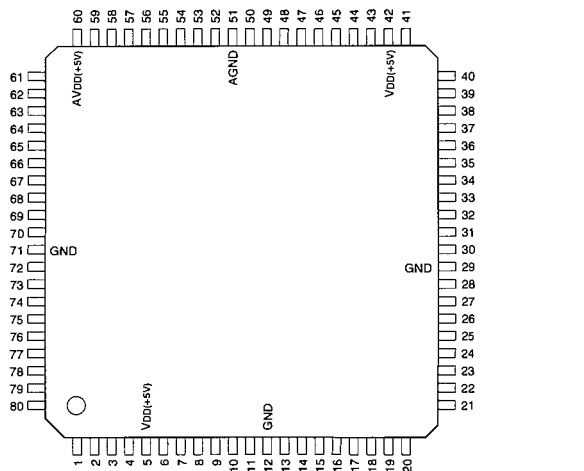
—TOP VIEW—

HD151015T (HITACHI) FLAT PACKAGE
HD151015TELC-MOS 9-BIT LEVEL SHIFTER/TRANSCIEVER WITH 3-STATE OUTPUTS
—TOP VIEW—HM530281-20 (HITACHI) FLAT PACKAGE
HM530281RTT-20331,776 WORD × 8-BIT FRAME MEMORY
—TOP VIEW—

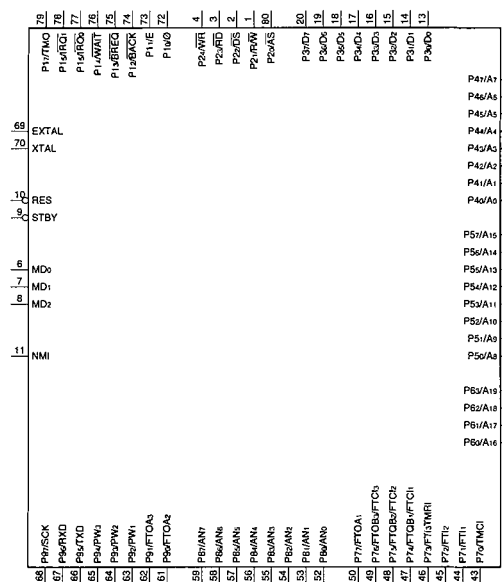
HD6475328F10 (HITACHI)

C-MOS 16-BIT MICROPROCESSOR

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	P21/R/W	28	I/O	P47/A7	55	I/O	P83/AN3
2	I/O	P22/OS	29	—	GND	56	I/O	P84/AN4
3	I/O	P23/RD	30	I/O	P50/A8	57	I/O	P85/AN5
4	I/O	P24/W/R	31	I/O	P51/A9	58	I/O	P86/AN6
5	—	VDD	32	I/O	P52/A10	59	I/O	P87/AN7
6	I	MD0	33	I/O	P53/A11	60	—	AVDD
7	I	MD1	34	I/O	P54/A12	61	I/O	P90/FTOA2
8	I	MD2	35	I/O	P55/A13	62	I/O	P91/FTOA3
9	I	STBY	36	I/O	P56/A14	63	I/O	P92/PW1
10	I	RES	37	I/O	P57/A15	64	I/O	P93/PW2
11	I	NMI	38	I/O	P60/A16	65	I/O	P94/PW3
12	—	GND	39	I/O	P61/A17	66	I/O	P95/TXD
13	I/O	P30/D0	40	I/O	P62/A18	67	I/O	P96/RXD
14	I/O	P31/D1	41	I/O	P63/A19	68	I/O	P97/SCK
15	I/O	P32/D2	42	—	VDD	69	I	EXTAL
16	I/O	P33/D3	43	I/O	P70/TMC1	70	I	XTAL
17	I/O	P34/D4	44	I/O	P71/FT11	71	—	VSS
18	I/O	P35/D5	45	I/O	P72/FT12	72	I/O	P10/φ
19	I/O	P36/D6	46	I/O	P73/FT13/TMRI	73	I/O	P11/E
20	I/O	P37/D7	47	I/O	P74/FTOB1/FTCI1	74	I/O	P12/BACK
21	I/O	P40/A0	48	I/O	P75/FTOB2/FTCI2	75	I/O	P12/BREQ
22	I/O	P41/A1	49	I/O	P76/FTOB3/FTCI3	76	I/O	P12/WAIT
23	I/O	P42/A2	50	O	P77/FTOA1	77	I/O	P12/IRQ0
24	I/O	P43/A3	51	—	AGND	78	I/O	P12/IRQ1
25	I/O	P44/A4	52	I/O	P80/AN0	79	I/O	P12/TMO
26	I/O	P45/A5	53	I/O	P81/AN1	80	I/O	P12/AS
27	I/O	P46/A6	54	I/O	P82/AN2			



INPUT

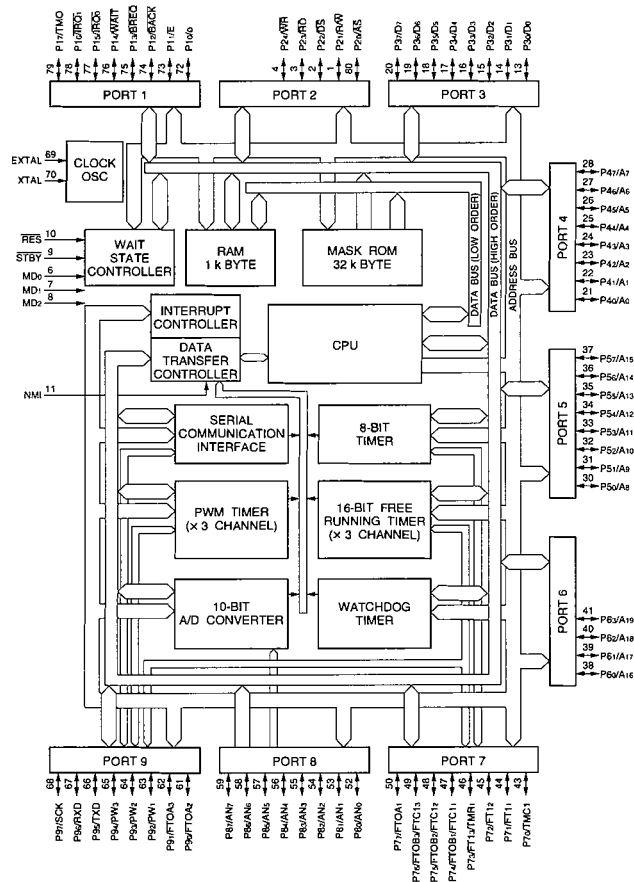
AN0 - AN7 : ANALOG INPUT
 BREO : BUS REQUEST
 EXTAL : CONNECTED TO CRYSTAL OSCILLATOR.
 ETC11 - FTCI3 : FRT COUNTER CLOCK INPUT (CHANNEL 1 TO 3)
 FT11 - FT13 : FRT INPUT CAPTURE INPUT (CHANNEL 1 TO 3)
 IRQ0, 1 : INTERRUPTION REQUEST 0 AND 1
 MD0 - MD2 : MODE SETTING
 NMI : NON MASKABLE INTERRUPTION
 P80 - P87 : PORT 8
 RES : RESET
 RXD : RECEIVE DATA
 STBY : STANDBY
 TMC1 : 8-BIT TIMER CLOCK INPUT
 TMRI : 8-BIT TIMER COUNTER RESET INPUT
 WAIT : WAIT
 XTAL : CONNECTED TO CRYSTAL OSCILLATOR.

OUTPUT

A0 - A19 : ADDRESS BUS
 AS : ADDRESS STROBE
 BACK : BUS REQUEST ACKNOWLEDGE
 DS : DATA STROBE
 E : ENABLE CLOCK
 FTOA1 - FTOA3 : FRT OUTPUT COMPARE A OUTPUT (CHANNEL 1 TO 3)
 FTOB1 - FTOB3 : FRT OUTPUT COMPARE B OUTPUT (CHANNEL 1 TO 3)
 PW1 - PW3 : PWM TIMER OUTPUT (CHANNEL 1 TO 3)
 RW : READ/WRITE
 RD : READ
 TMO : 8-BIT TIMER OUTPUT
 TXD : SEND DATA
 WR : WRITE
 φ : SYSTEM CLOCK

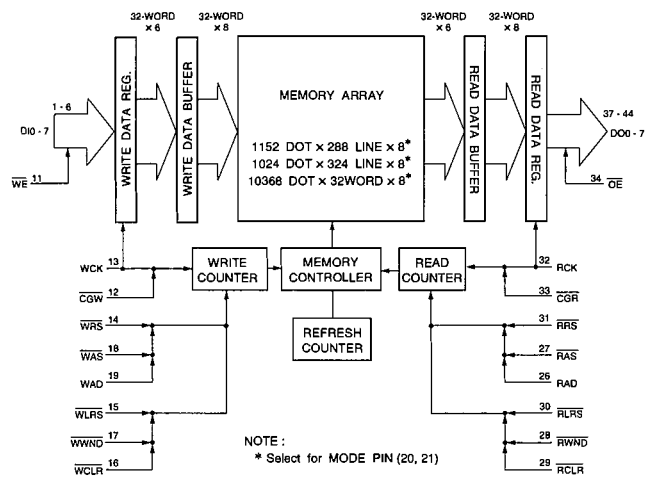
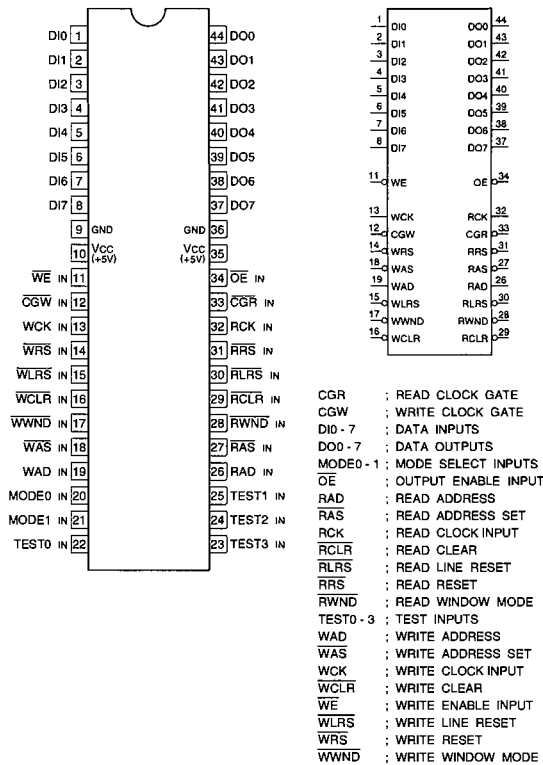
INPUT/OUTPUT

D0 - D7 : DATA BUS
 P10 - P17 : PORT 1
 P20 - P24 : PORT 2
 P30 - P37 : PORT 3
 P40 - P47 : PORT 4
 P50 - P57 : PORT 5
 P60 - P63 : PORT 6
 P70 - P77 : PORT 7
 P80 - P97 : PORT 9
 SCK : SERIAL CLOCK INPUT/OUTPUT



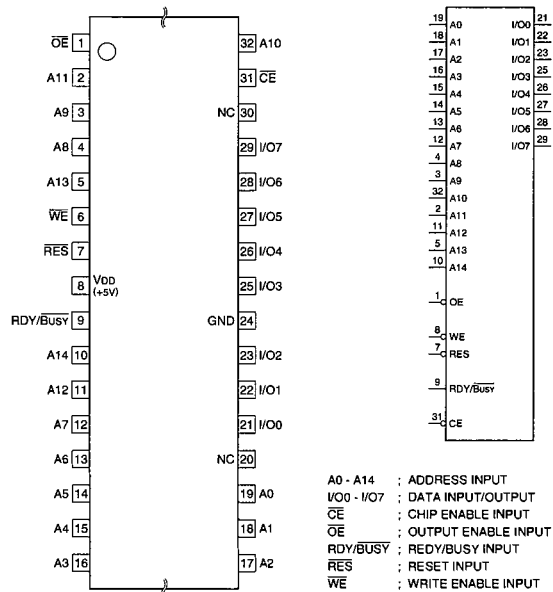
HM530281-20 (HITACHI) FLAT PACKAGE HM530281RTT-20

331,776WORD × 8-BIT FRAME MEMORY
—TOP VIEW—



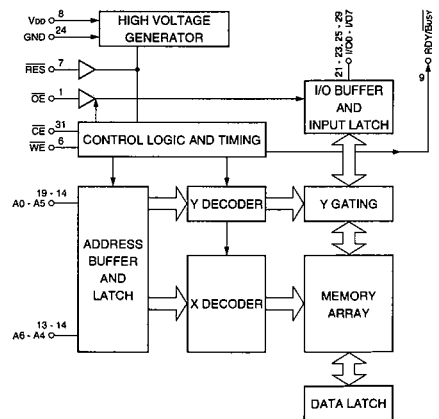
HN58C257AT10 (HITACHI) FLAT PACKAGE

32K (32768 × 8)-BIT EEPROM
—TOP VIEW—



MODE \ PIN	CE	OE	WE	RDY/BUSY	RES	I/O
READ	0	0	1	HIGH Z	1	DOUT
STANDBY	1	X	X	HIGH Z	X	HIGH Z
WRITE	0	1	0	HIGH Z → Vol	1	Din
DESELECT	0	1	1	HIGH Z	1	HIGH Z
WRITE INHIBIT	X	X	1	HIGH Z	X	-
WRITE INHIBIT	X	0	X	HIGH Z	X	-
DATA POLLING	0	0	1	Vol	1	DATA OUT
PROGRAM RESET	X	X	X	HIGH Z	0	HIGH Z

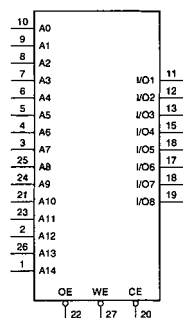
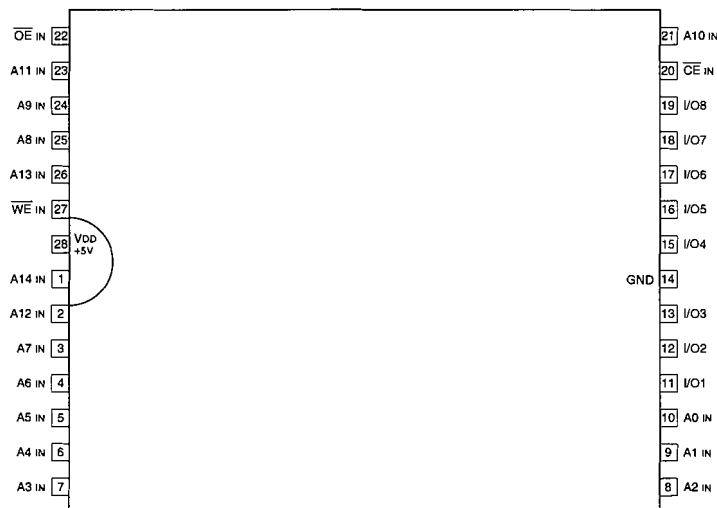
0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE
HI-Z : HIGH IMPEDANCE



LC35256DT-10-TLM (SANYO) FLAT PACKAGE

C-MOS 256K (32768 × 8)-BIT STATIC RAM

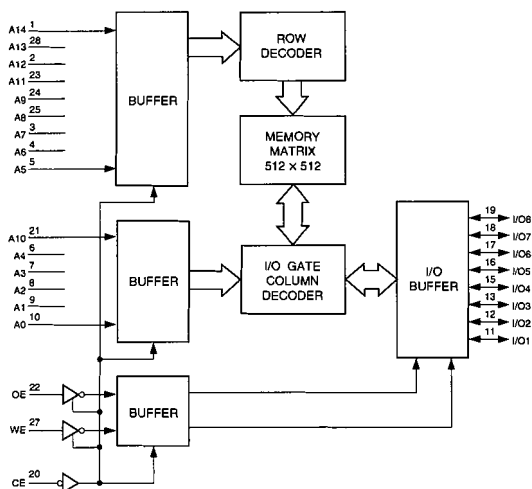
—TOP VIEW—



A0 - A14 : ADDRESS INPUTS
 CE : CHIP ENABLE INPUT
 I/O1 - I/O8 : DATA INPUTS/OUTPUTS
 OE : OUTPUT ENABLE INPUT
 WE : WRITE ENABLE INPUT

CE	OE	WE	MODE	I/O TERMINAL
1	X	X	NOT SELECT	HIGH IMPEDANCE
0	1	1	OUTPUT DISABLE	HIGH IMPEDANCE
0	0	1	READ	OUTPUT DATA
0	X	0	WRITE	INPUT DATA

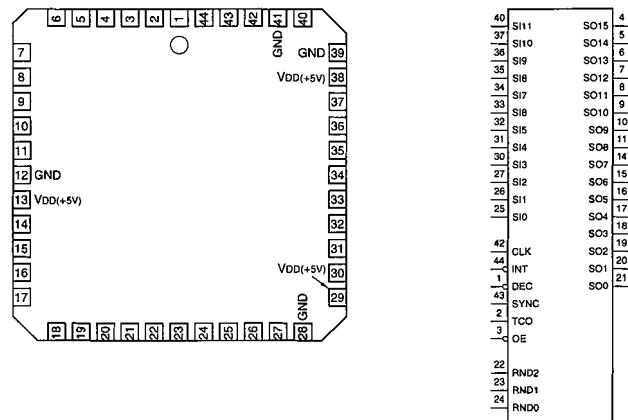
0 : LOW LEVEL
 1 : HIGH LEVEL
 X : DON'T CARE



LF2242JC-33 (LOGICDEV)

C-MOS 12/16-BIT HALF-BAND INTERPOLATION/DECIMATING DIGITAL FILTER

—TOP VIEW—



(VDD = +5 V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	DEC	12	—	GND	23	I	RND1	34	I	SI7
2	I	TCO	13	—	VDD	24	I	RND0	35	I	SI8
3	I	OE	14	O	SO7	25	I	SI0	36	I	SI9
4	O	SO15	15	O	SO6	26	I	SI1	37	I	SI10
5	O	SO14	16	O	SO5	27	I	SI2	38	—	VDD
6	O	SO13	17	O	SO4	28	—	GND	39	—	GND
7	O	SO12	18	O	SO3	29	—	VDD	40	I	SI11
8	O	SO11	19	O	SO2	30	I	SI3	41	—	GND
9	O	SO10	20	O	SO1	31	I	SI4	42	I	CLK
10	O	SO9	21	O	SO0	32	I	SI5	43	I	SYNC
11	O	SO8	22	I	RND2	33	I	SI6	44	I	INT

INPUT

CLK : MASTER CLOCK
 DEC : DECIMATION CONTROL
 INT : INTERPOLATION CONTROL
 OE : OUTPUT ENABLE
 RND0 - RND2 : ROUNDING CONTROL
 SI0 - SI11 : DATA INPUTS
 SYNC : SYNCHRONIZATION CONTROL
 TCO : TWO'S COMPLEMENT FORMAT CONTROL

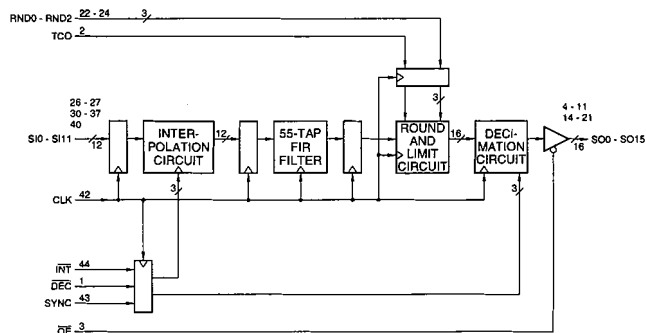
OUTPUT

SO0 - SO15 : DATA OUTPUTS

INT	DEC	MODE
0	0	PASS-THROUGH *
0	1	INTERPOLATE
1	0	DECIMATE
1	1	PASS-THROUGH *

* Input and output registers run at full clock rate.

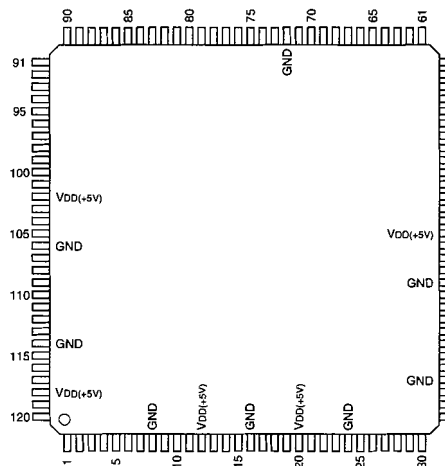
0 : LOW LEVEL
 1 : HIGH LEVEL



LF2250QC-33 (LOGICDEV)

C-MOS 12 × 10-BIT MATRIX MULTIPLIER

—TOP VIEW—



MODE1	MODE0	DATA PORT FORMATTING						OPERATING MODE
		XC11 - XC0	YC11 - YC0	YC7 - YC4	YC3 - YC0	ZC11 - ZC0		
0	0	X11 - X0	Y11 - Y8	Y7 - Y4	Y3 - Y0	Z11 - Z0		3x3 MATRIX MULTIPLIER
0	1	CASIN15 - CASIN4	CASIN3 - CASIN0	NC	CASOUT3 - CASOUT0	CASOUT15 - CASOUT4		9-TAP FIR FILTER
1	0	CASIN15 - CASIN4	CASIN3 - CASIN0	NC	CASOUT3 - CASOUT0	CASOUT15 - CASOUT4		3x3 CONVOLVER
1	1	CASIN15 - CASIN4	CASIN3 - CASIN0	NC	CASOUT3 - CASOUT0	CASOUT15 - CASOUT4		4x2 CONVOLVER

(VDD = +5V)

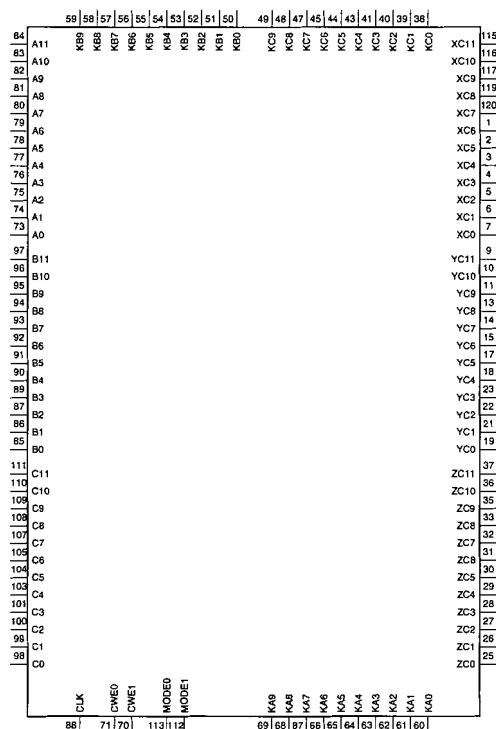
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	XC6	25	O	ZC0	49	I	KC9	73	I	A0	97	I	B11
2	O	XC5	26	O	ZC1	50	I	KB0	74	I	A1	98	I	C0
3	O	XC4	27	O	ZC2	51	I	KB1	75	I	A2	99	I	C1
4	O	XC3	28	O	ZC3	52	I	KB2	76	I	A3	100	I	C2
5	O	XC2	29	O	ZC4	53	I	KB3	77	I	A4	101	I	C3
6	O	XC1	30	O	ZC5	54	I	KB4	78	I	A5	102	I	VDD
7	O	XC0	31	O	ZC6	55	I	KB5	79	I	A6	103	I	C4
8	—	GND	32	O	ZC7	56	I	KB6	80	I	A7	104	I	C5
9	O	YC11	33	O	ZC8	57	I	KB7	81	I	A8	105	I	C6
10	O	YC10	34	—	GND	58	I	KB8	82	I	A9	106	—	GND
11	O	YC9	35	O	ZC9	59	I	KB9	83	I	A10	107	I	C7
12	—	VDD	36	O	ZC10	60	I	KA0	84	I	A11	108	I	C8
13	O	YC8	37	O	ZC11	61	I	KA1	85	I	B0	109	I	C9
14	O	YC7	38	I	KC0	62	I	KA2	86	I	B1	110	I	C10
15	O	YC6	39	I	KC1	63	I	KA3	87	I	B2	111	I	C11
16	—	GND	40	I	KC2	64	I	KA4	88	I	CLK	112	I	MODE1
17	O	YC5	41	I	KC3	65	I	KA5	89	I	B3	113	I	MODE0
18	O	YC4	42	—	GND	66	I	KA6	90	I	B4	114	—	GND
19	O	YC0	43	I	KC4	67	I	KA7	91	I	B5	115	O	XC11
20	—	VDD	44	I	KC5	68	I	KA8	92	I	B6	116	O	XC10
21	O	YC1	45	I	KC6	69	I	KA9	93	I	B7	117	O	XC9
22	O	YC2	46	—	VDD	70	I	CWE1	94	I	B8	118	—	VDD
23	O	YC3	47	I	KC7	71	I	CWE0	95	I	B9	119	O	XC8
24	—	GND	48	I	KC8	72	—	GND	96	I	B10	120	O	XC7

INPUT

A0 - A11 : DATA INPUTS
 B0 - B11 : DATA INPUTS
 C0 - C11 : DATA INPUTS
 CLK : MASTER CLOCK
 CWE0, CWE1 : COEFFICIENT WRITE ENABLE
 KA0 - KA9 : COEFFICIENT INPUTS
 KB0 - KB9 : COEFFICIENT INPUTS
 KC0 - KC9 : COEFFICIENT INPUTS
 MODE0, MODE1 : MODE SELECT

OUTPUT

XC0 - XC11 : DATA OUTPUTS / CASCADE INPUTS
 YC0 - YC11 : DATA OUTPUTS / CASCADE INPUTS/OUTPUTS
 ZC0 - ZC11 : DATA OUTPUTS / CASCADE OUTPUTS



LM4040AIM3-2.5 (NS)
 LM4040BIM3-5.0 (NS)
 LM4040BIM3X-5.0

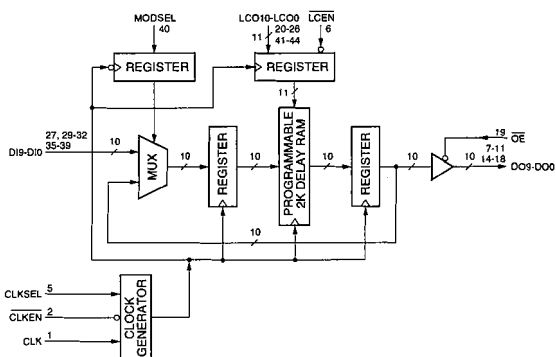
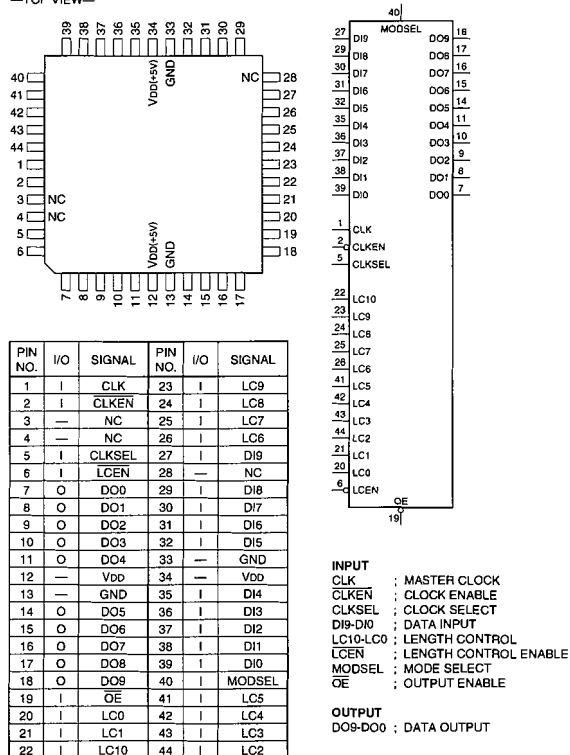
PRECISION MICROPOWER SHUNT VOLTAGE REFERENCE
 —TOP VIEW—



LF9502JC31 (LOGICDEV)

C-MOS 2K PROGRAMMABLE LINE BUFFER

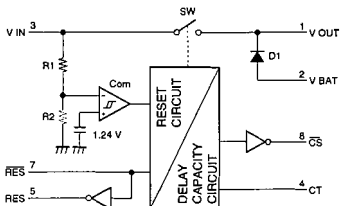
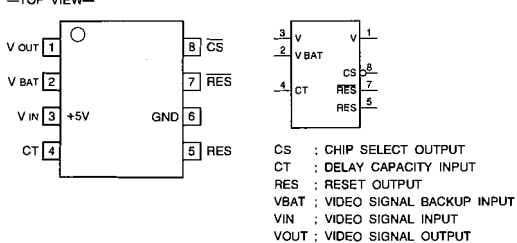
—TOP VIEW—



M66201FP (MITSUBISHI) FLAT PACKAGE

SELECTION SW BUILT-IN SYSTEM RESET

—TOP VIEW—

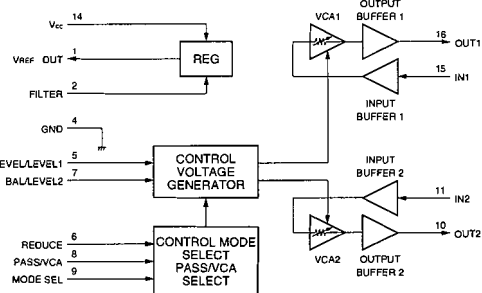
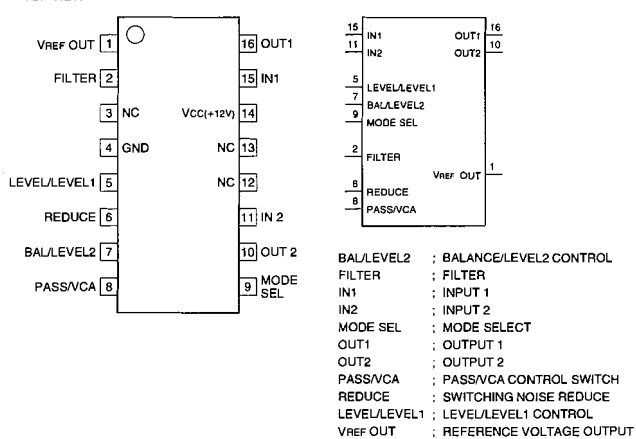


HDCU-700A

M51132FP (MITSUBISHI) FLAT PACKAGE
M51132FP-E1

2-CHANNEL ELECTRONIC LEVEL CONTROL

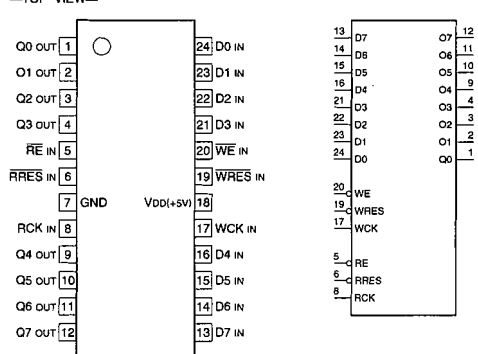
—TOP VIEW—



M66256FP-E2 (MITSUBISHI) FLAT PACKAGE

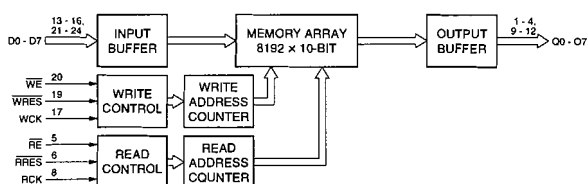
C-MOS 40M (5,120 × 8)-BIT LINE MEMORY

—TOP VIEW—



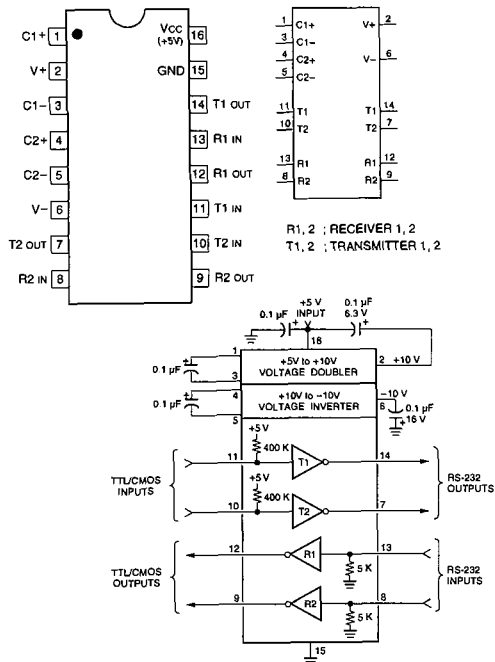
INPUT
 D0 - D7 : DATA
 RCK : READ CLOCK
 RE : READ ENABLE
 RRES : READ RESET
 WCK : WRITE CLOCK
 WE : WRITE ENABLE
 WRES : WRITE RESET

OUTPUT
 Q0 - Q7 : DATA



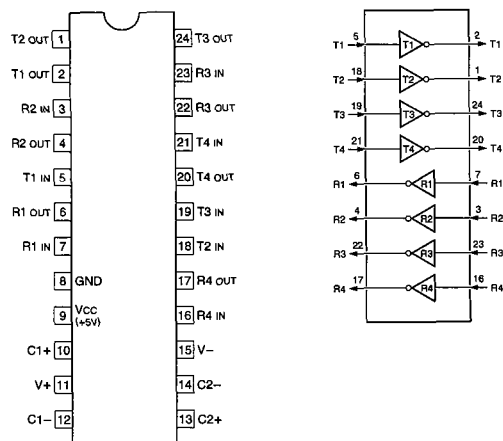
MAX202CSE (MAXIM)
MAX202CSE-T

RS-232 TRANSMITTER/RECEIVER
—TOP VIEW—



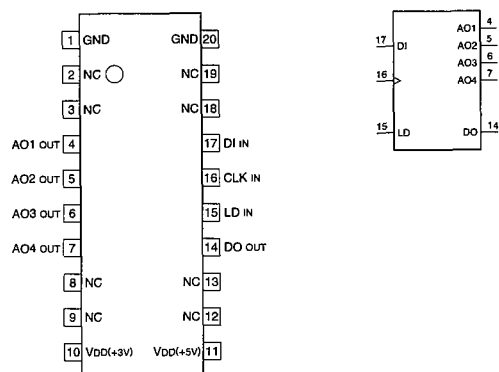
MAX238CWG (MAXIM) FLAT PACKAGE
MAX238CWG-TE2

+5V POWER RS-232 DRIVERS/RECEIVERS
—TOP VIEW—



MB88351PFV (FUJITSU) FLAT PACKAGE
MB88351PFV-ER

C-MOS 12-BIT D/A CONVERTER WITH OPERATIONAL AMPLIFIER
—TOP VIEW—



INPUT

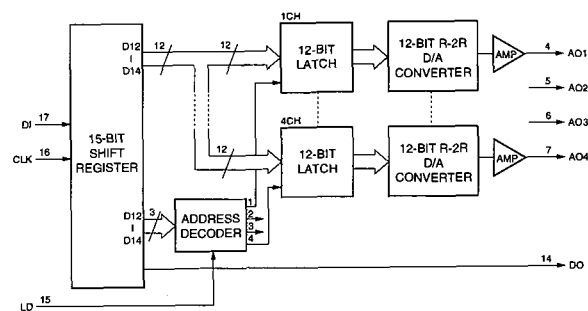
CLK : SHIFT CLOCK
DI : SERIAL DATA
LD : DECODE AND D/A REGISTER TO LOAD

OUTPUT

AO1 - AO4 : ANALOG DATA
DO : MBS BIT DATA IN 15-BIT SHIFT REGISTER

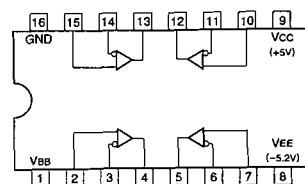
D12	D13	D14	ADDRESS SELECT
0	0	0	DON'T CARE
0	0	1	AO1 SELECT
0	1	0	AO2 SELECT
0	1	1	AO3 SELECT
1	0	0	AO4 SELECT
1	0	1	DON'T CARE
1	1	0	DON'T CARE
1	1	1	DON'T CARE

0 : LOW LEVEL
1 : HIGH LEVEL



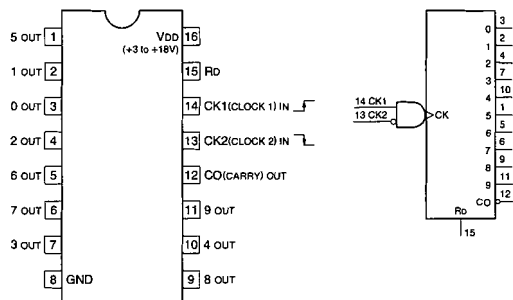
MC10H125M (MOTOROLA) FLAT PACKAGE
MC10H125MEL

ECL ECL-TO-TTL TRANSLATOR
—TOP VIEW—



MC14017BF (MOTOROLA) FLAT PACKAGE
MC14017BF-T2

C-MOS DECADE COUNTER/DIVIDER
—TOP VIEW—

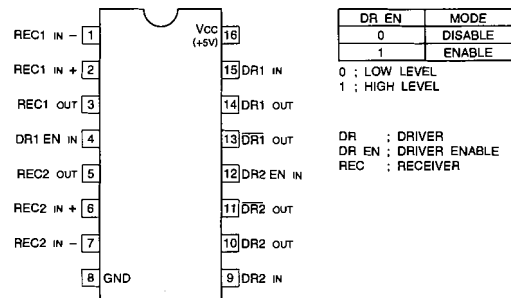


COUNT	INPUTS		OUTPUTS									
	RD	CK=CK1-CK2	9	8	7	6	5	4	3	2	1	0
0	1	X	0	0	0	0	0	0	0	0	1	1
1	0	0	0	0	0	0	0	0	0	0	1	1
2	0	0	0	0	0	0	0	0	0	0	1	1
3	0	0	0	0	0	0	0	0	0	0	1	1
4	0	0	0	0	0	0	0	0	0	0	1	1
5	0	0	0	0	0	0	0	0	0	0	1	1
6	0	0	0	0	0	0	0	0	0	0	1	1
7	0	0	0	0	0	0	0	0	0	0	1	1
8	0	0	0	0	0	0	0	0	0	0	1	1
9	0	0	0	0	0	0	0	0	0	0	1	1
NO COUNT	0	1	NO CHANGE									
	0	0										

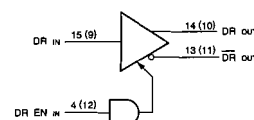
0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE

MC34051MEL (MOTOROLA)

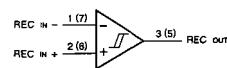
RS-422 DRIVER / RECEIVER
—TOP VIEW—



DRIVER CIRCUIT

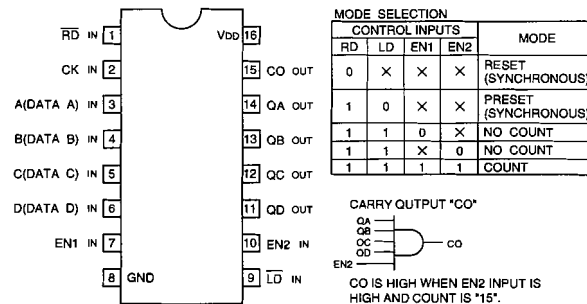


RECEIVER CIRCUIT



MC74HC163AF (MOTOROLA) FLAT PACKAGE
SN74HC163ANS-E05
TC74VHC163F (TOSHIBA) FLAT PACKAGE
TC74VHC163F(EL)

C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER
—TOP VIEW—



NOTE:

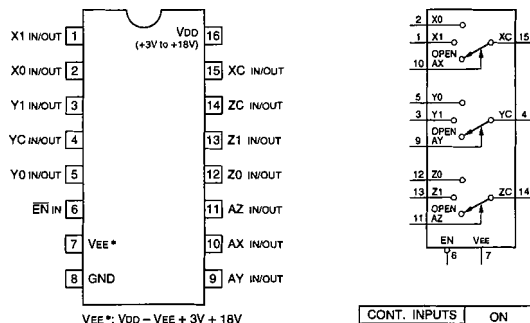
TYPE	VDD
HC	+2 to +6V
AC/VHC	+2 to +5.5V
HCT/ACT/FCT	+5V

COUNT SEQUENCE

COUNT	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

MC14053BF (MOTOROLA) FLAT PACKAGE
MC14053BFEL

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS
—TOP VIEW—



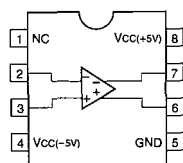
VEE*: VDD - VEE + 3V + 18V

0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE

CONT. INPUTS		ON CHANNEL	
EN	A (X, Y, Z)		
0	0	0	
0	1	1	
1	X	OPEN	

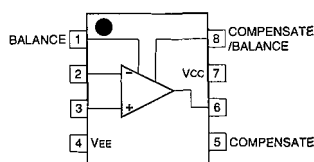
NJM360M (JRC) FLAT PACKAGE NJM360M-TE2

HIGH SPEED VOLTAGE COMPARATOR
—TOP VIEW—



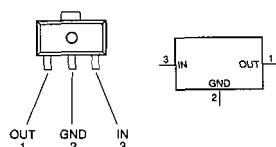
NJM5534M (JRC) FLAT PACKAGE NJM5534M-T2

OPERATIONAL AMPLIFIER
—TOP VIEW—



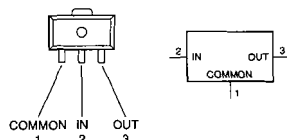
NJM78L05UA (JRC)+5 V(100 mA) NJM78L05UA-TE1

POSITIVE VOLTAGE REGULATOR
—SIDE VIEW—



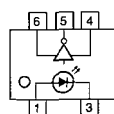
NJM79L05UA (JRC)-5 V(100 mA) NJM79L05UA-TE1

VOLTAGE REGULATOR



PC410 (SHARP) FLAT PACKAGE PC410T

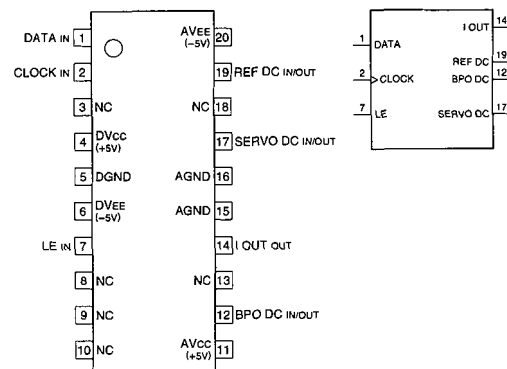
PHOTOCOUPLER
—TOP VIEW—



HDCU-700A

PCM1702U (BURR-BROWN) FLAT PACKAGE

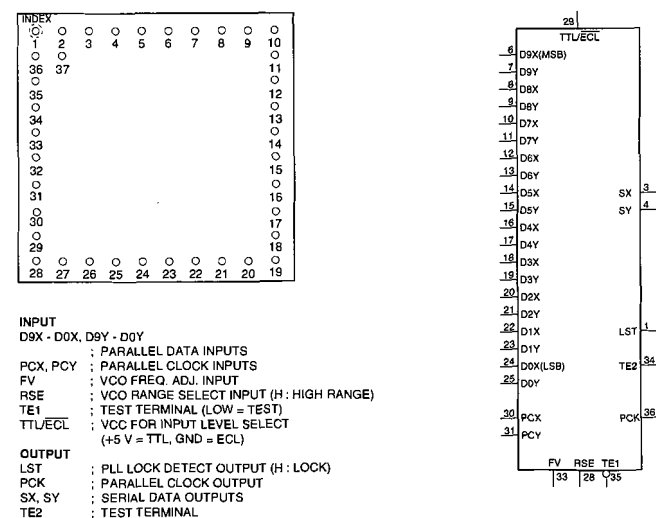
20-BIT SERIAL INPUT D/A CONVERTER
—TOP VIEW—



BPO DC : BIPOLAR OFFSET FILTER
CLOCK : BIT CLOCK INPUT
DATA : SERIAL DATA INPUT
I OUT : CURRENT OUTPUT
LE : LATCH ENABLE INPUT
REF DC : REFERENCE FILTER
SERVO DC : SERVO FILTER

SBX1601A (SONY)

8- OR 10-BIT PARALLEL-TO-SERIAL CONVERTER
—BOTTOM VIEW—

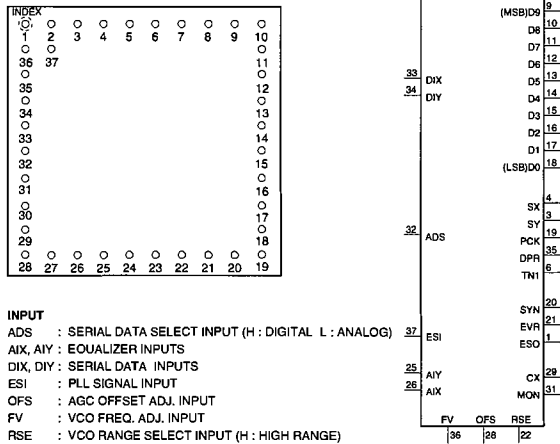
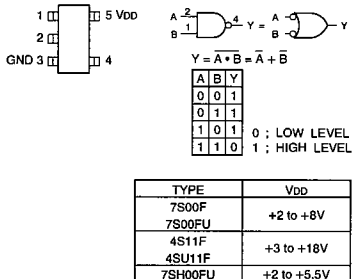


INPUT
D9X - D0X, D9Y - D0Y
PCX, PCY : PARALLEL DATA INPUTS
FV : VCO FREQ. ADJ. INPUT
RSE : VCO RANGE SELECT INPUT (H : HIGH RANGE)
TE1 : TEST TERMINAL (LOW = TEST)
TTU/ECL : VCC FOR INPUT LEVEL SELECT (+5 V = TTL, GND = ECL)
OUTPUT
LST : PLL LOCK DETECT OUTPUT (H : LOCK)
PCX : PARALLEL CLOCK OUTPUT
SX, SY : SERIAL DATA OUTPUTS
TE2 : TEST TERMINAL

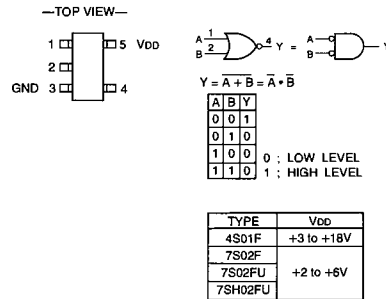
VEE1 = -5V
VEE2 = -3.5V

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	LST	11	I	D7Y	21	I	D2Y	31	I	PCY
2	—	GND	12	I	D6X	22	I	D1X	32	—	GND
3	O	SX	13	I	D6Y	23	I	D1Y	33	I	FV
4	O	SY	14	I	D5X	24	I	D0X(LSB)	34	O	TE2
5	—	GND	15	I	D5Y	25	I	D0Y	35	I	TE1
6	I	D9X(MSB)	16	I	D4X	26	—	VEE1	36	O	PCK
7	I	D9Y	17	I	D4Y	27	—	VEE2	37	—	NC
8	I	D8X	18	I	D3X	28	I	RSE			
9	I	D8Y	19	I	D3Y	29	—	TTU/ECL			
10	I	D7X	20	I	D2X	30	I	PCX			

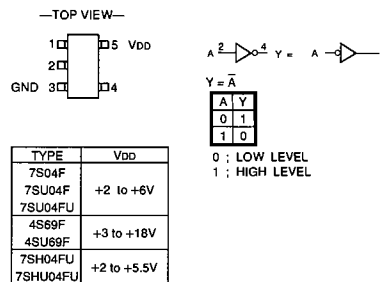
SBX1602A (SONY)

8- OR 10-BIT SERIAL-TO-PARALLEL CONVERTER
—TOP VIEW—SC7S00F (MOTOROLA)CHIP PACKAGE
TC7S00F(TE85R)C-MOS 2-INPUT NAND GATE
—TOP VIEW—SC7S02F (MOTOROLA)CHIP PACKAGE
TC7S02F(TE85R)
TC7SH02FU (TOSHIBA)CHIP PACKAGE
TC7SH02FU-TE85R

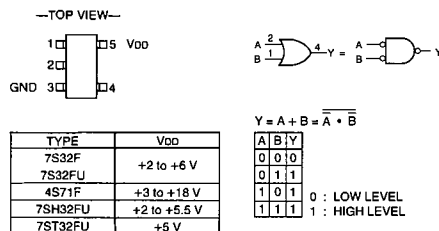
C-MOS 2-INPUT NOR GATE

SC7S04F (MOTOROLA)CHIP PACKAGE
TC4S69F (TOSHIBA)CHIP PACKAGE
TC4S69F(TE85R)
TC7S04F(TE85R)

C-MOS INVERTER

SC7S32F (MOTOROLA)CHIP PACKAGE
TC7S32F(TE85R)
TC7SH32FU-TE85R (TOSHIBA)FLAT PACKAGE

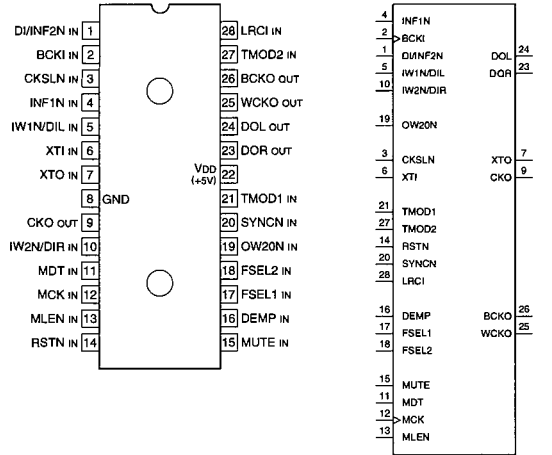
C-MOS 2-INPUT OR GATE



SM5843AS1-E2 (NPC)

C-MOS DIGITAL FILTER

—TOP VIEW—



INPUT

BCKI : INPUT BIT CLOCK
 CKSLN : INPUT FREQUENCY SELECT (H : 384fs/L : 256fs)
 DEMP : DE-EMPHASIS CONTROL (L : OFF/H : ON)
 DI/INF2N : INPUT DATA (INF1N = L) INPUT FORMAT SELECT 2 (INF1N = H)
 FSEL1, 2 : DE-EMPHASIS SELECT

fs (Hz)	32k	44.1k	48k	TEST MODE
SETTING	FSEL1	H	L	L
	FSEL2	H	L	L

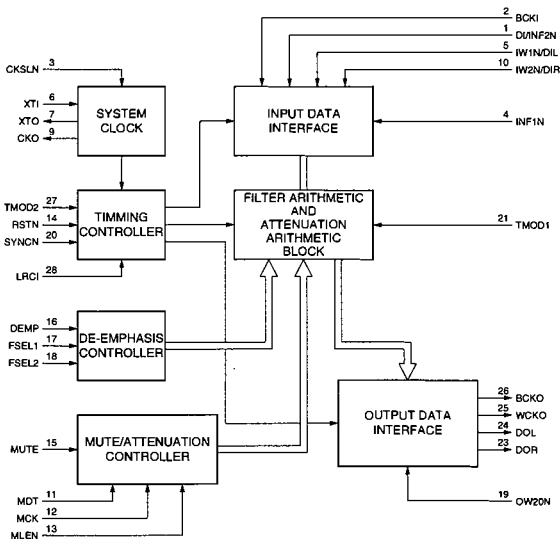
INF1N : INPUT FORMAT SELECT 1
 IW1N/DIL : INPUT WORD LENGTH 1 (INF1N = L) /Lch DATA INPUT (TNF1N = H)
 IW2N/DIR : INPUT WORD LENGTH 2 (INF1N = L) /Rch DATA INPUT (TNF1N = H)
 LRCI : SAMPLE RATE CLOCK (fs)
 MCK : ATTENUATION BIT CLOCK
 MDT : ATTENUATION SERIAL DATA
 MLEN : ATTENUATION LATCH CLOCK
 MUTE : MUTE CONTROL
 OW2ON : OUTPUT WORD LENGTH

OUTPUT WORD LENGTH (BIT)	18	20
OW2ON	H	L

RSTN : SYSTEM RESET (L : RESET/H : NORMAL)
 SYNCN : SYNC MODE SELECT (L : EXECUTION SYNC MODE/H : JITTER FREE MODE)
 TMOD1 : DITHER ON/OFF SELECT (L : ON/H : OFF)
 TMOD2 : FILTER CHARACTER SELECT
 XT1 : OSCILLATOR INPUT

OUTPUT

BCKO : OUTPUT BIT CLOCK
 CKO : OSCILLATOR OUTPUT CLOCK
 DOL : Lch DATA
 DOR : Rch DATA
 WCKO : OUTPUT WORD CLOCK
 XTO : OSCILLATOR OUTPUT



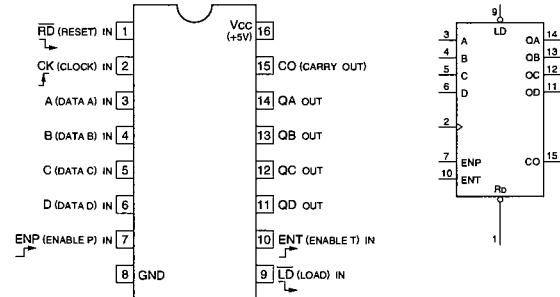
HDCU-700A

SN74ALS163BNS (TI) FLAT PACKAGE

SN74ALS163BNS-E05

TTL PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER

—TOP VIEW—

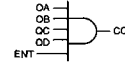


MODE SELECTION

CONTROL INPUTS	MODE
Rd LD ENP ENT	
0 X X X	RESET (SYNCHRONOUS)
1 0 X X	PRESET (SYNCHRONOUS)
1 1 0 X	NO COUNT
1 1 X 0	NO COUNT
1 1 1 1	COUNT

0 : LOW LEVEL
 1 : HIGH LEVEL
 X : DON'T CARE

CARRY OUTPUT "CO"



CO IS HIGH WHEN ENT INPUT IS HIGH AND COUNT IS '15'.

COUNT SEQUENCE

COUNT	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

SN74HC126ANS (TI) FLAT PACKAGE

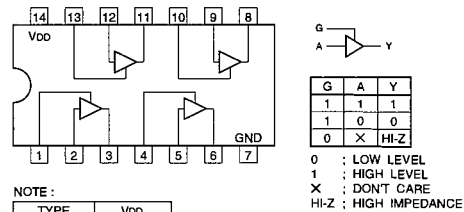
SN74HC126ANS-E05

TC74VHC126F (TOSHIBA) FLAT PACKAGE

TC74VHC126F(EL)

C-MOS BUS BUFFER GATE WITH 3-STATE OUTPUT

—TOP VIEW—



NOTE:

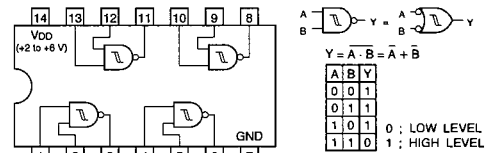
TYPE	VDD
74HC	+2 to +6 V
74AC/74VHC	+2 to +5.5 V

SN74HC132ANS (TI) FLAT PACKAGE

SN74HC132ANS-E05

C-MOS 2-INPUT NAND SCHMITT TRIGGER

—TOP VIEW—

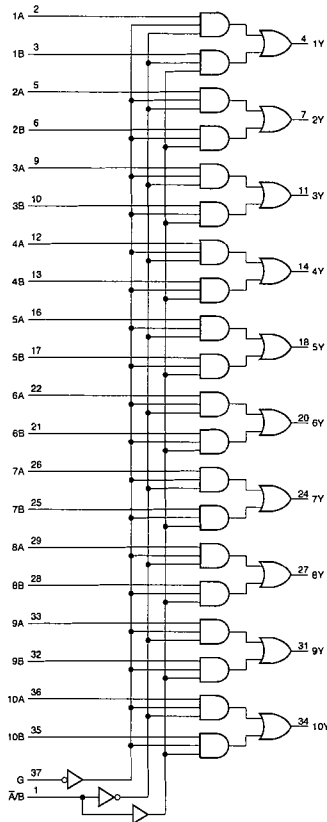
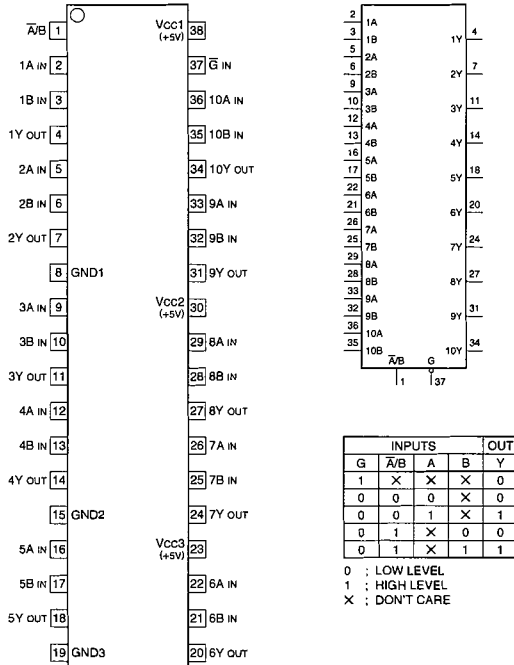


NOTE:

TYPE	VDD
HC	+2 to +6 V
VHC	+2 to +5.5 V

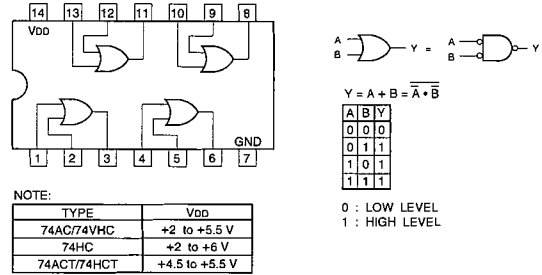
SN74ALS38157ADB (TI) FLAT PACKAGE
SN74ALS38157ADB-E05

10-BIT 1 OF 2 DATA SELECTORS/MULTIPLEXERS
—TOP VIEW—



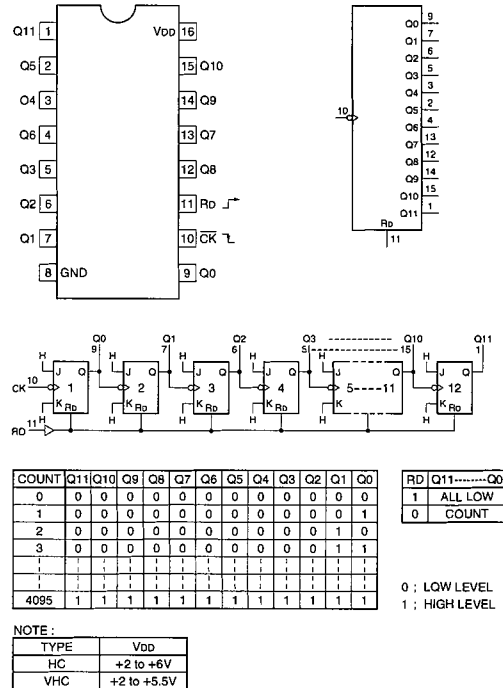
SN74HC32ANS (TI) FLAT PACKAGE
SN74HC32ANS-E05
TC74VHC32F (TOSHIBA) FLAT PACKAGE
TC74VHC32F(EL)

C-MOS QUAD 2-INPUT OR GATES
—TOP VIEW—



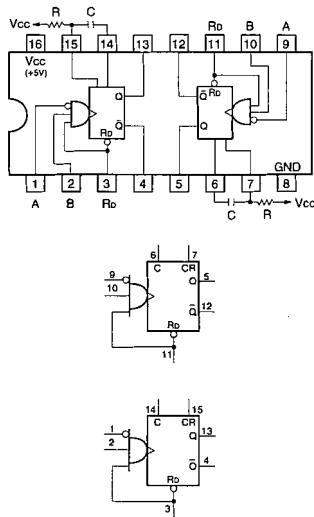
SN74HC4040ANS (TI) FLAT PACKAGE
SN74HC4040ANS-E05
TC74VHC4040F(EL) (TOSHIBA) FLAT PACKAGE

C-MOS 12-STAGE RIPPLE CARRY BINARY COUNTER/DRIVER
—TOP VIEW—



SN74LS123NS (TI) FLAT PACKAGE SN74LS123NS-E05

TTL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS WITH DIRECT RESET
—TOP VIEW—



INPUTS			OUTPUTS	
Rb	A	B	Q	Q̄
0	X	X	0	1
X	1	X	0	1
X	X	0	0	1
1	0	1	1	0
1	1	1	1	0
1	0	1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE

OUTPUT PULSE WIDTH

$$V_{CC} \quad '123; T_w = 0.28 \left(1 + \frac{700}{R}\right) CR$$

$$C \quad 'L123; T_w = 0.33 \left(1 + \frac{700}{R}\right) CR$$

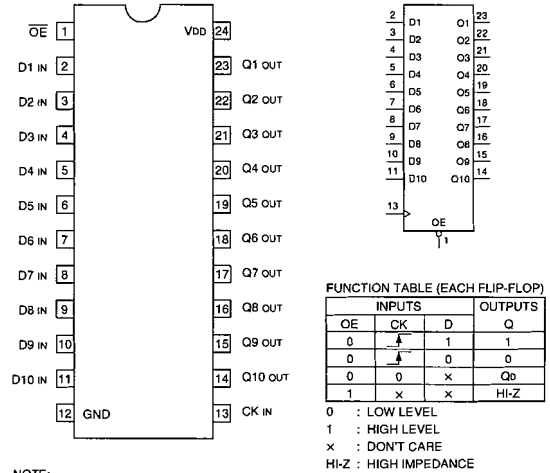
$$V_{CC} \quad '123; T_w = 0.25 \left(1 + \frac{700}{R}\right) CR$$

$$C \quad 'L123; T_w = 0.29 \left(1 + \frac{700}{R}\right) CR$$

$$V_{CC} \quad 'LS123; T_w = 0.45CR$$

SN74LVC821APW-E05 (TI) FLAT PACKAGE

C-MOS 10-BIT BUS INTERFACE FLIP-FLOPS WITH 3-STATE OUTPUTS
—TOP VIEW—



FUNCTION TABLE (EACH FLIP-FLOP)

INPUTS			OUTPUTS
OE	CK	D	Q
0	X	1	1
0	X	0	0
0	0	X	Q ₀
1	X	X	Hi-Z

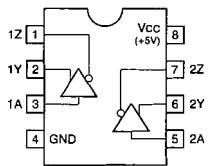
0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE
Hi-Z : HIGH IMPEDANCE

NOTE:

TYPE	V _{DD}
74LVC	+2 to +3.6 V
OTHER TYPES	+5 V

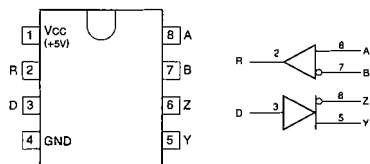
SN75158PS (TI) SN75158PS-E05

DUAL DIFFERENTIAL LINE DRIVE
—TOP VIEW—



SN75179BPS (TI) FLAT PACKAGE

DIFFERENTIAL BUS DRIVER/RECEIVER
—TOP VIEW—



-DRIVER-	
INPUT D	OUTPUTS Y Z
H	H L
L	L H

-RECEIVER-	
DIFFERENTIAL INPUTS A - B	
OUTPUTS R	
$V_{ID} \geq 0.2V$	H
$-0.2V < V_{ID} < 0.2V$	?
$V_{ID} \leq -0.2V$	L

H = HIGH LEVEL L = LOW LEVEL ? = INDETERMINATE

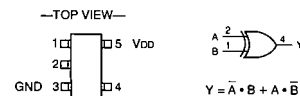
TC4S30F (TOSHIBA) CHIP PACKAGE

TC4S30F (TE85R)

TC7S86F (TE85R)

TC7S86F-TE85L (TOSHIBA) FLAT PACKAGE

C-MOS 2-INPUT EXCLUSIVE OR GATE



$$Y = \bar{A} \cdot B + A \cdot \bar{B}$$

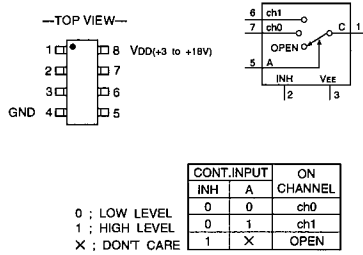
A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

TYPE	V _{DD}
7S86FU	+2 to +6V
7S86F	+3 to +18V
4S30F	+2 to +5.5V
7SH86FU	

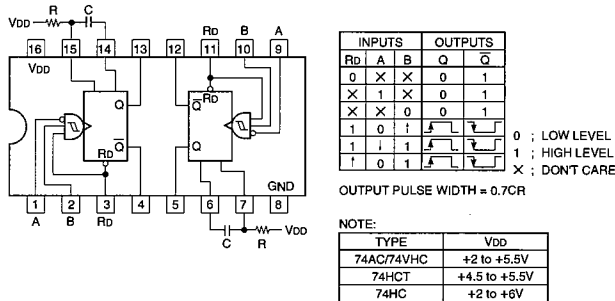
TC4W53F (TOSHIBA) CHIP PACKAGE (5.0 × 3.1)
TC4W53F (TE12R)

C-MOS 2-CHANNEL MULTIPLEXER / DEMULTIPLEXER



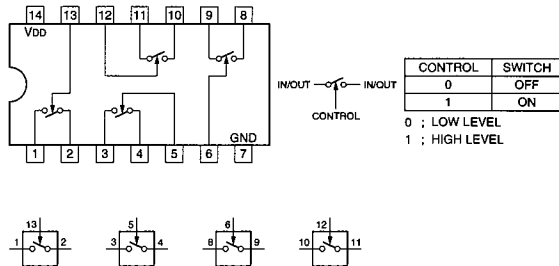
TC74HC221AF (TOSHIBA) FLAT PACKAGE
TC74HC221AF (EL)

C-MOS MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT
—TOP VIEW—



TC74HC4066AF (EL) (TOSHIBA)

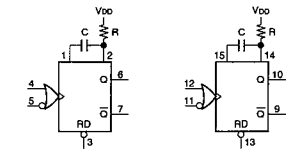
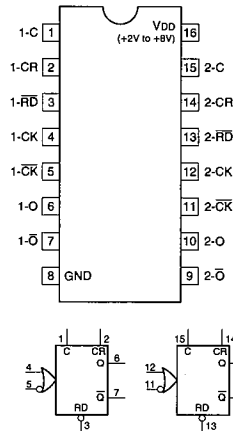
C-MOS BILATERAL ANALOG SWITCH
—TOP VIEW—



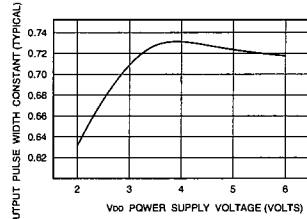
TC74HC4538AF (TOSHIBA) FLAT PACKAGE
TC74HC4538AF (EL)

C-MOS DUAL RETRIGGERABLE / NON-RETRIGGERABLE MONOSTABLE MULTIVIBRATOR

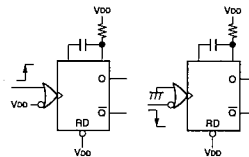
—TOP VIEW—



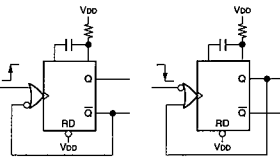
$$\text{OUTPUT PULSE WIDTH} = k \cdot C \cdot R$$



RETRIGGERABLE M. M. V

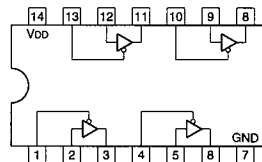


NON-RETRIGGERABLE M. M. V



TC74VHC125F (TOSHIBA) FLAT PACKAGE
TC74VHC125F (EL)

C-MOS BUS BUFFER GATES WITH 3-STATE OUTPUT
—TOP VIEW—



G	A	Y
0	0	0
0	1	1
1	X	Hi-Z

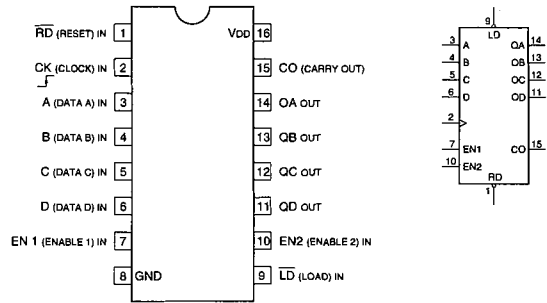
0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE
Hi-Z : HIGH IMPEDANCE

NOTE:

TYPE	VDD
74AC/74VHC	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
74LVT/74LVC	+2.7 to +3.6V
OTHER TYPES	+2 to +6V

TC74VHC161F(EL) (TOSHIBA)

C-MOS SYNCHRONOUS PRESETTABLE 4-BIT BINARY COUNTER
—TOP VIEW—

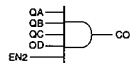


MODE SELECTION

CONTROL INPUTS				MODE
Rd	LD	EN1	EN2	
0	x	x	x	RESET (ASYNCHRONOUS)
1	0	x	x	PRESET (SYNCHRONOUS)
1	1	0	x	NO COUNT
1	1	x	0	NO COUNT
1	1	1	1	COUNT

0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE

CARRY OUTPUT "CO"



CO IS HIGH WHEN EN2 INPUT IS HIGH AND COUNT IS "15".

NOTE:

TYPE	VDD
74ACT	+5 V
40H	+2 to +8 V
74AC/74VHC	+2 to +5.5 V
OTHERS	+2 to +6 V

COUNT SEQUENCE

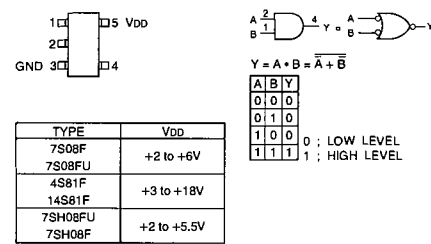
COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

TC7S08F (TOSHIBA)CHIP PACKAGE

TC7S08F(TE85R)

TC7SH08FU-TE85R (TOSHIBA)CHIP PACKAGE

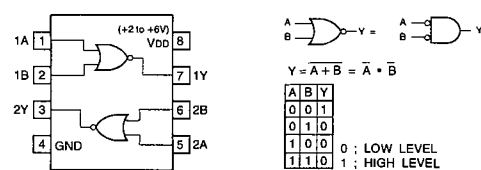
C-MOS 2-INPUT AND GATE
—TOP VIEW—



TC7W02F (TOSHIBA)FLAT PACKAGE

TC7W02FU(TE12R)

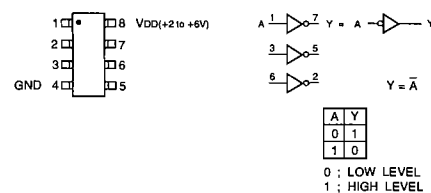
C-MOS DUAL 2-INPUT NOR GATE
—TOP VIEW—



TC7W04FU(TE12R) (TOSHIBA)FLAT PACKAGE

C-MOS HEX INVERTERS

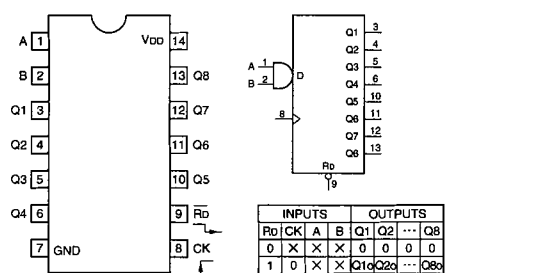
—TOP VIEW—



TC74VHC164F (TOSHIBA)FLAT PACKAGE

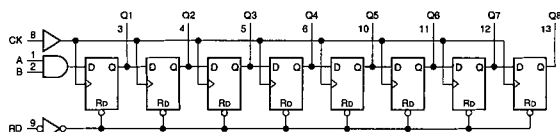
TC74VHC164F(EL)

C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER
—TOP VIEW—



NOTE:

TYPE	VDD
AC/VHC	+2 to +5.5 V
HC	+2 to +6 V
HCT	+5 V

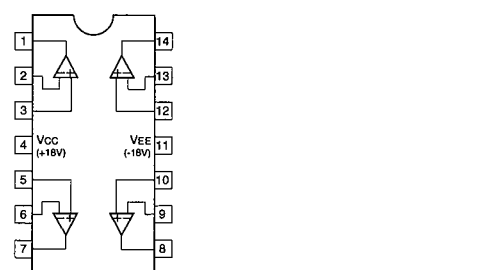


TL064CNS (TI)FLAT PACKAGE

TL064CNS-E05

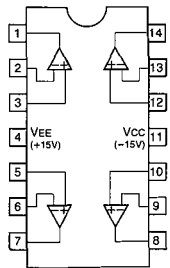
OPERATIONAL AMPLIFIER
(J FET INPUT)

—TOP VIEW—



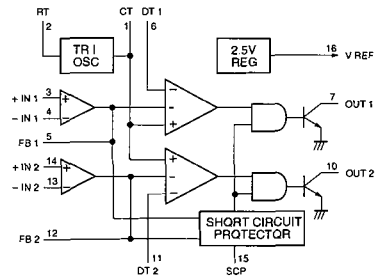
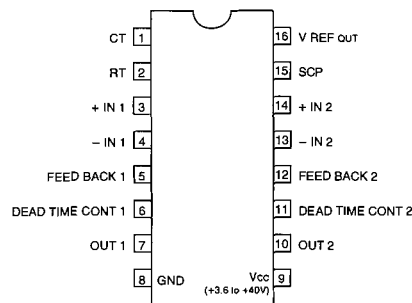
TL074CNS (TI)
TL074CNS-E05

OPERATIONAL AMPLIFIER
(LOW-NOISE, JFET-INPUT)
—TOP VIEW—



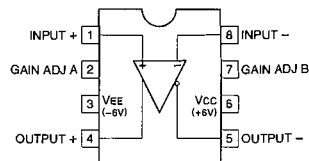
TL1451ACNS (TI)FLAT PACKAGE
TL1451ACNS-E05

DUAL PWM POWER CONTROLLER
—TOP VIEW—



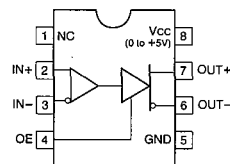
TL592BPS (TI)FLAT PACKAGE
TL592BPS-E05

DIFFERENTIAL VIDEO AMPLIFIER
—TOP VIEW—



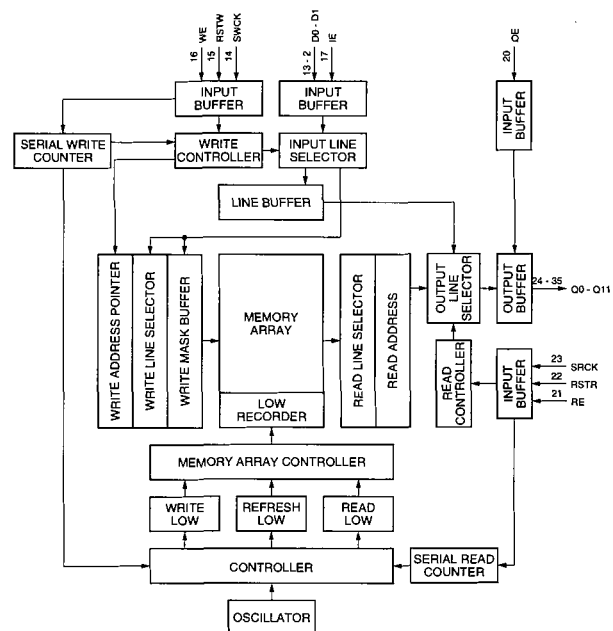
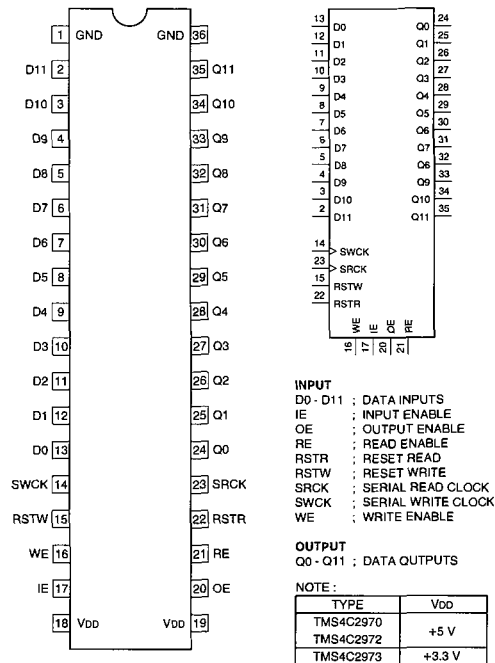
TL712CPS (TI)FLAT PACKAGE
TL712CPS-E05

HIGH SPEED COMPARATOR (TTL OUTPUT)
—TOP VIEW—



TMS4C2973-26DTR (TI)FLAT PACKAGE

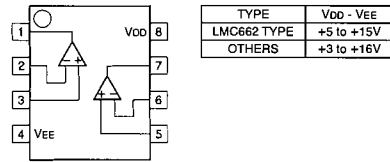
C-MOS 2.9 M (245,760-WORD × 12) BITS FIELD MEMORY
—TOP VIEW—



NOTE :
TMS4C2972 AND TMS4C2973 ALLOW BLOCK RANDOM ACCESS.

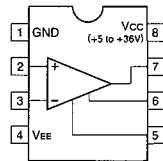
TLC272CPS (TI) FLAT PACKAGE
TLC272CPS-E05
TLC272CPW-E05 (TI) FLAT PACKAGE

C-MOS DUAL OPERATIONAL AMPLIFIERS
(SINGLE-SUPPLY TYPE)
—TOP VIEW—



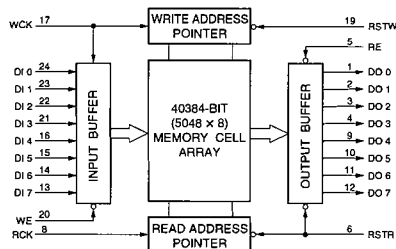
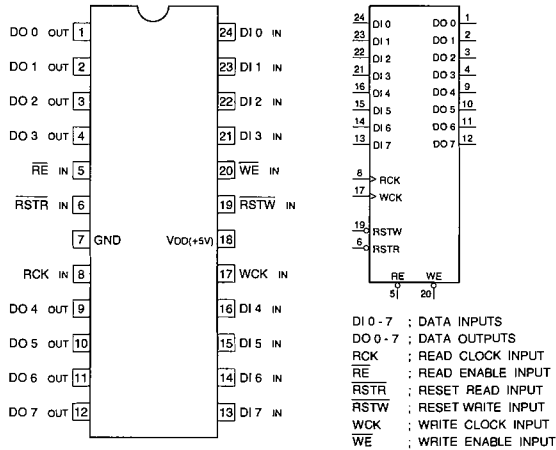
UPC311G2 (NEC) FLAT PACKAGE
UPC311G2-E2

VOLTAGE COMPARATOR
—TOP VIEW—



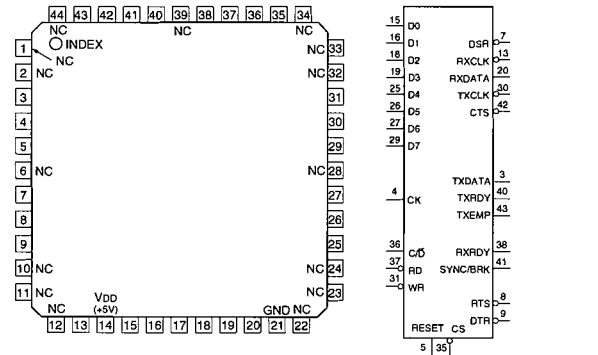
UPD485505G-25 (NEC) FLAT PACKAGE
UPD485505G-25-E2

C-MOS 40K (5,048 × 8)-BIT FIFO MEMORY
—TOP VIEW—



UPD71051GB-10-3B4 (NEC) FLAT PACKAGE

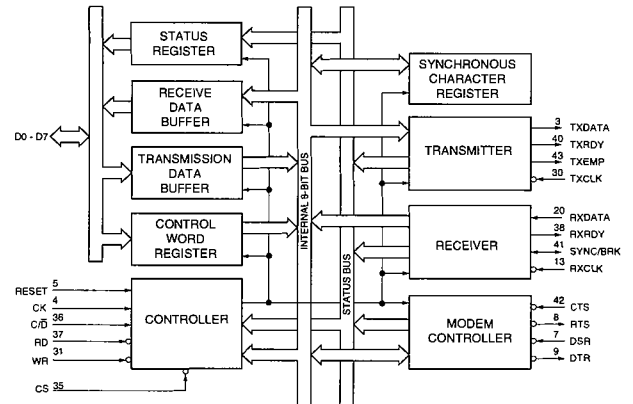
C-MOS SERIAL CONTROLLER
—TOP VIEW—



PIN No.	I/O	SYMBOL	PIN No.	I/O	SYMBOL	PIN No.	I/O	SYMBOL	PIN No.	I/O	SYMBOL
1	—	NC	12	—	NC	23	—	NC	34	—	NC
2	—	NC	13	I	RXCLK	24	—	NC	35	I	CS
3	O	TXDATA	14	—	VDD(+5V)	25	I/O	D4	36	I	C/D
4	I	CK	15	I/O	D0	26	I/O	D5	37	I	RD
5	I	RESET	16	I/O	D1	27	I/O	D6	38	O	RXRDY
6	—	NC	17	—	IC	28	—	NC	39	—	NC
7	I	DSR	18	I/O	D2	29	I/O	D7	40	O	TXRDY
8	O	RTS	19	I/O	D3	30	I	TXCLK	41	I/O	SYNC/BRK
9	O	DTR	20	I	RXDATA	31	I	WR	42	I	CTS
10	—	NC	21	—	GND	32	—	NC	43	O	TXEMP
11	—	NC	22	—	NC	33	—	NC	44	—	NC

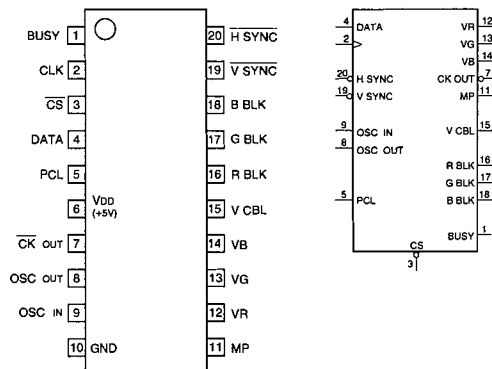
CK : CLOCK INPUT
CS : CHIP SELECT INPUT
CTS : CLEAR TO SEND OUTPUT
C/D : CONTROL/DATA SELECT INPUT
D0 - D7 : DATA INPUTS/OUTPUTS
DSR : DATA SET READY INPUT
DTR : DATA TERMINAL READY OUTPUT
TXCLK : TRANSMITTER CLOCK INPUT
TXDATA : TRANSMIT DATA OUTPUT
TXEMP : TRANSMITTER EMPTY OUTPUT

TXRDY : TRANSMIT READY OUTPUT
RD : READ STROBE INPUT
RESET : RESET INPUT
RTS : REQUEST TO SEND OUTPUT
RXCLK : RECEIVER CLOCK INPUT
RXDATA : RECEIVE DATA INPUT
RXRDY : RECEIVER READY OUTPUT
SYNC/BRK : SYNCHRONIZATION/BREAK INPUT/OUTPUT
WR : WRITE STROBE INPUT



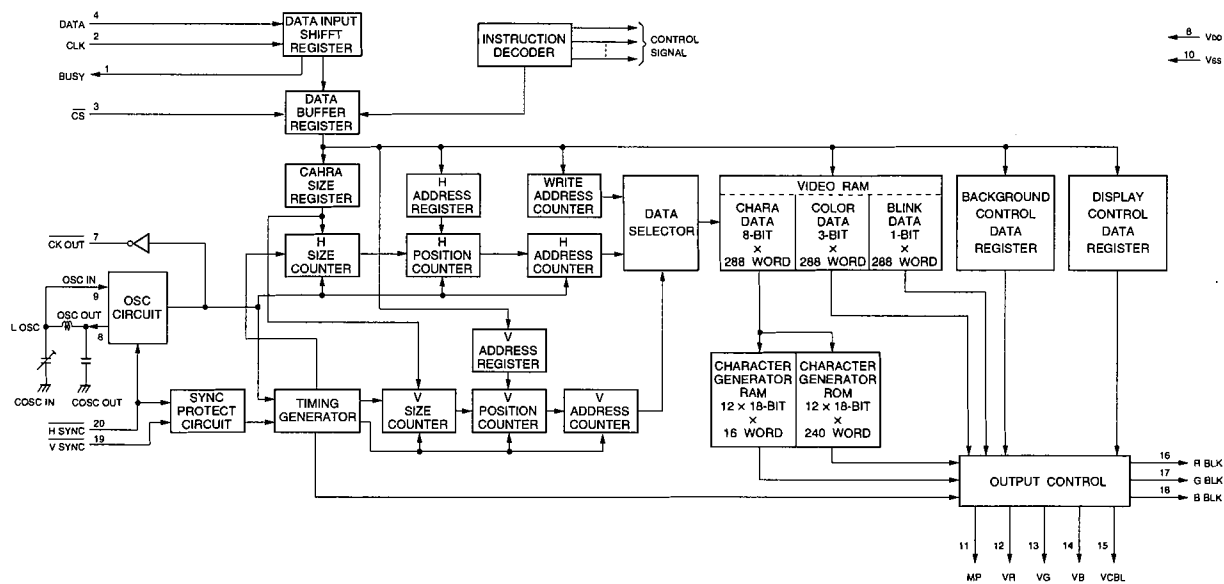
UPD6453GT-610 (NEC) FLAT PACKAGE
UPD6453GT-610-E2

C-MOS ON-SCREEN CHARACTER DISPLAY
—TOP VIEW—



INPUT
CLK : CLOCK
CS : CHIP SELECT
DATA : SERIAL DATA
H SYNC : HORIZONTAL SYNC
OSC IN : OSCILLATOR IN
PCL : POWER ON CLEAR
V SYNC : VERTICAL SYNC

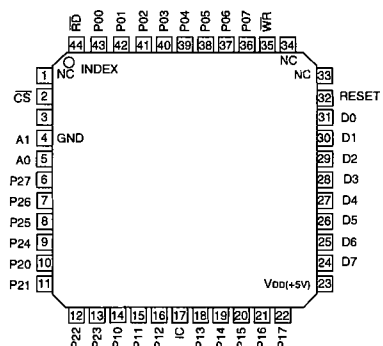
OUTPUT
BBLK, RBLK, GBLK : B, R, G, BLANKING
BUSY : BUSY OUT
CK OUT : CLOCK
MP : MASK PULSE
OSC OUT : OSCILLATOR OUT
VR, VG, VB : R, G, B, CHARACTER DATA
VCBL : VIDEO OUT BLANKING



UPD71055GB-10-3B4 (NEC)

C-MOS PARALLEL INTERFACE UNIT

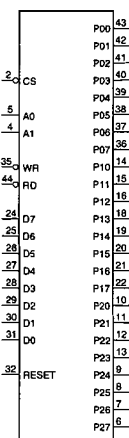
—TOP VIEW—



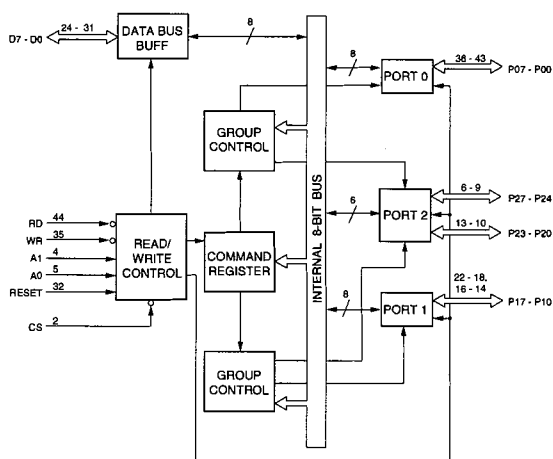
A1, A0 : ADDRESS
 CS : CHIP SELECT
 D7 - D0 : DATA BUS
 P07 - P00 : PORT 0
 P17 - P10 : PORT 1
 P27 - P20 : PORT 2
 RD : READ STROBE
 WR : WRITE STROBE

IC : INTERNALLY CONNECTED

CS	RD	WR	A1	A0	OPERATION	CPU ACTION
0	0	1	0	0	PORT0 → DATA • BUS	INPUT
0	0	1	0	1	PORT1 → DATA • BUS	INPUT
0	0	1	1	0	PORT2 → DATA • BUS	INPUT
0	0	1	1	1		
0	0	0	X	X	DISABLE	
0	1	0	0	0	DATA • BUS → PORT0	OUTPUT
0	1	0	0	1	DATA • BUS → PORT1	OUTPUT
0	1	0	1	0	DATA • BUS → PORT2	OUTPUT
0	1	0	1	1	DATA • BUS → COMMAND REGISTER	OUTPUT
0	1	1	X	X		
1	X	X	X	X	HIGH IMPEDANCE	

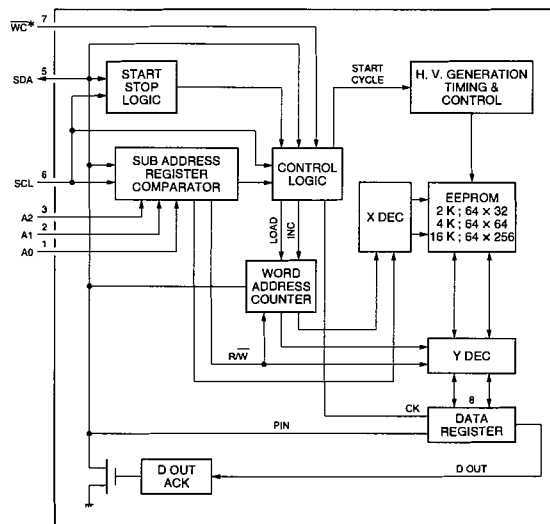
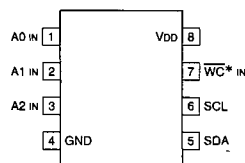


0 : LOW LEVEL
 1 : HIGH LEVEL
 X : DON'T CARE

X24C02S-3.0-C7000 (XICOR)(2K BIT) FLAT PACKAGE
X24C02S-T1

C-MOS SERIAL EEPROM

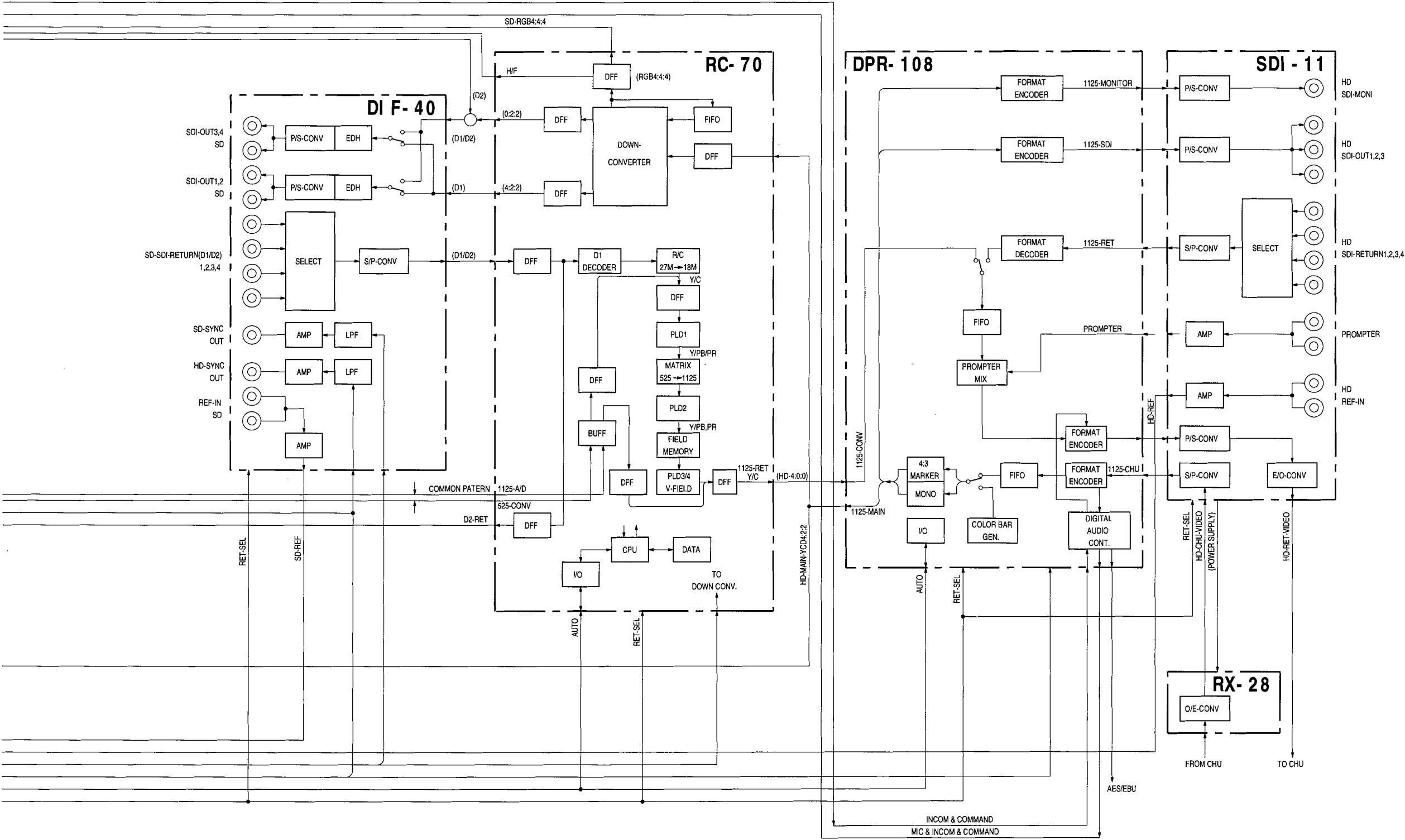
—TOP VIEW—



* : TEST (at X24164SIC7000)
 NC (at NM24C16LEM8)

Section 6
Block Diagrams

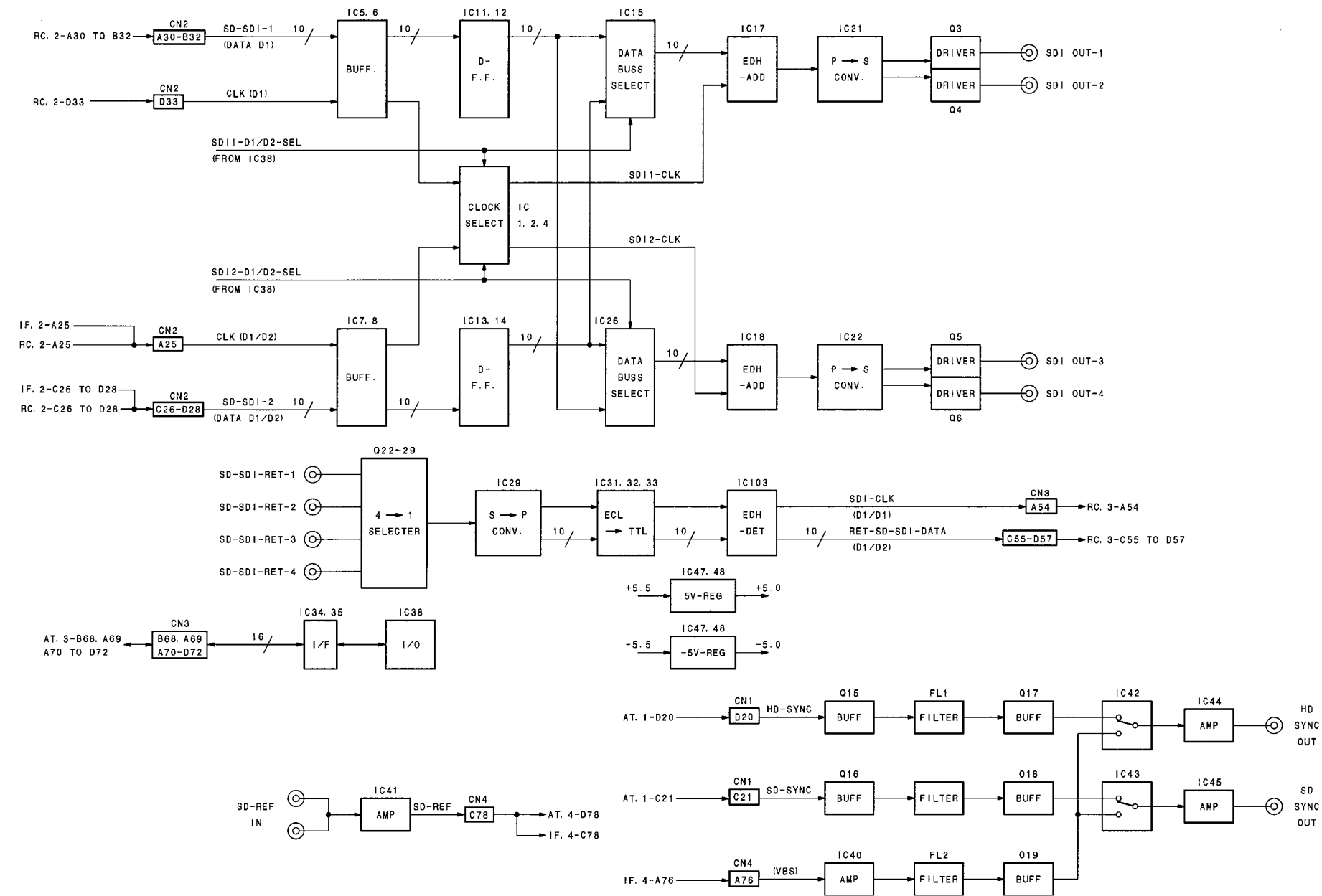




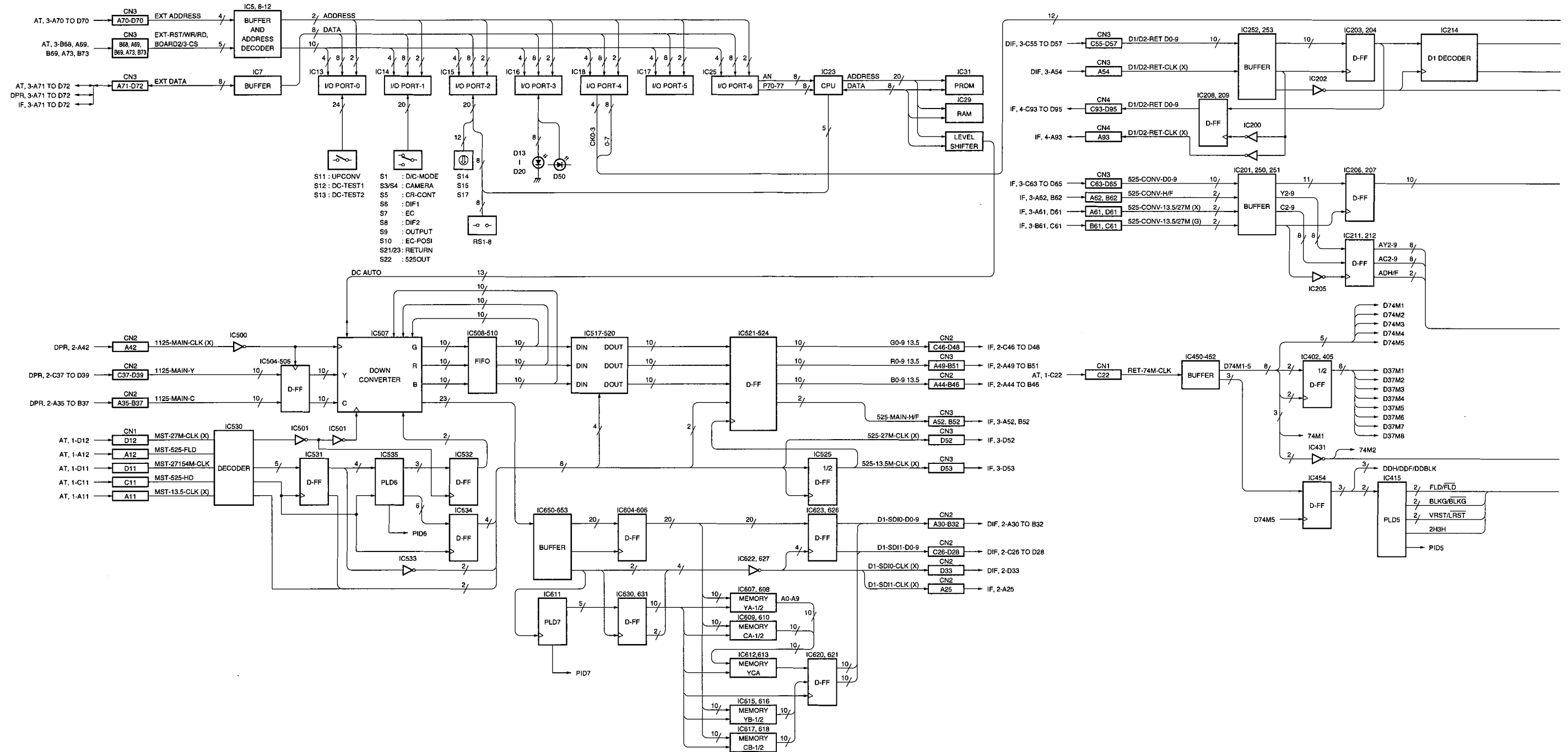
OVERALL Block Diagram

B-HDCU700A-OVERALL

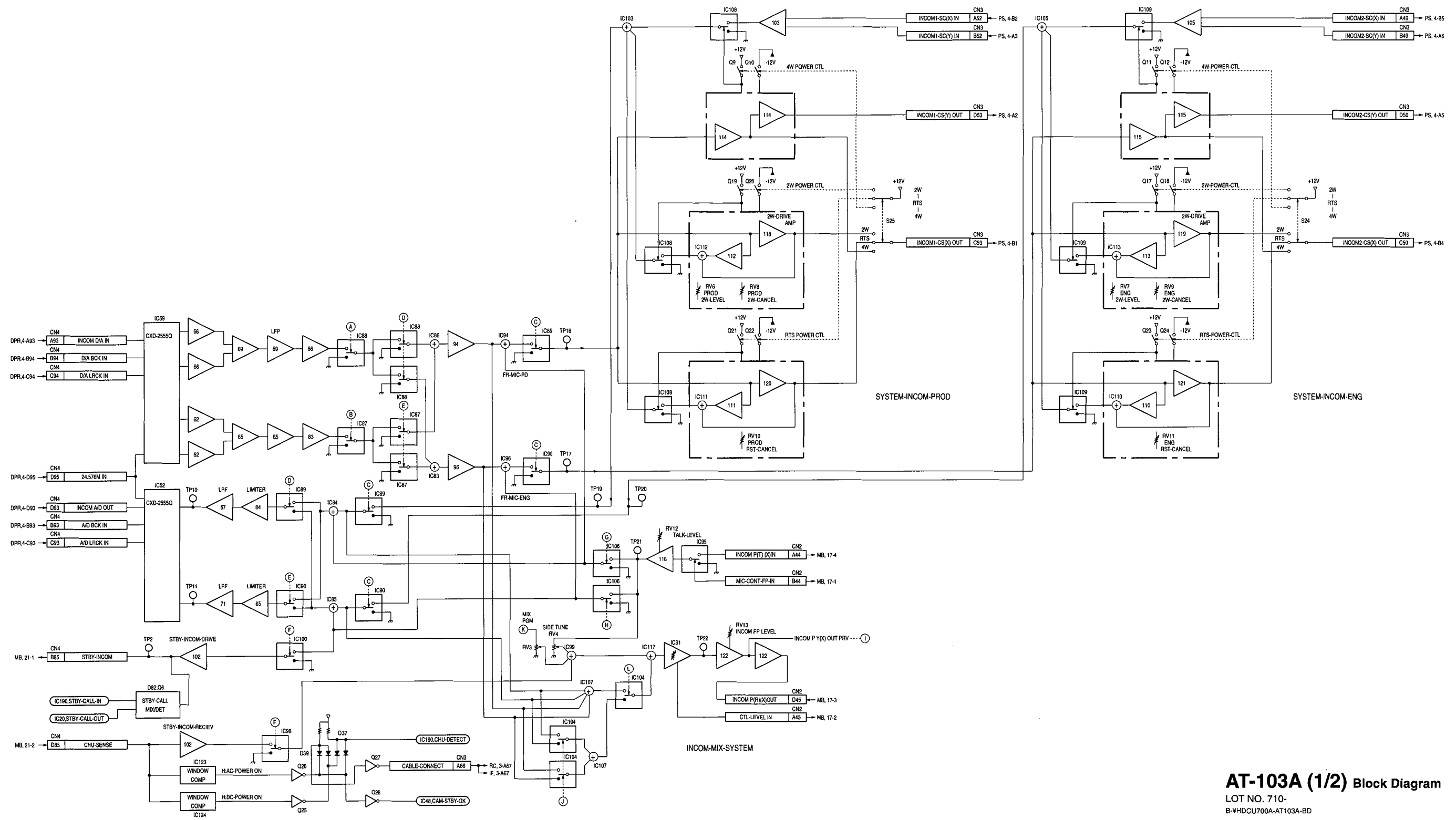




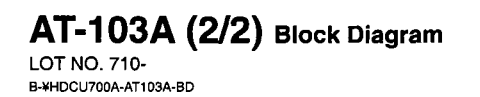
DIF-40 Block Diagram
LOT NO. 710-
B-WHDCU700-DIF40-BD



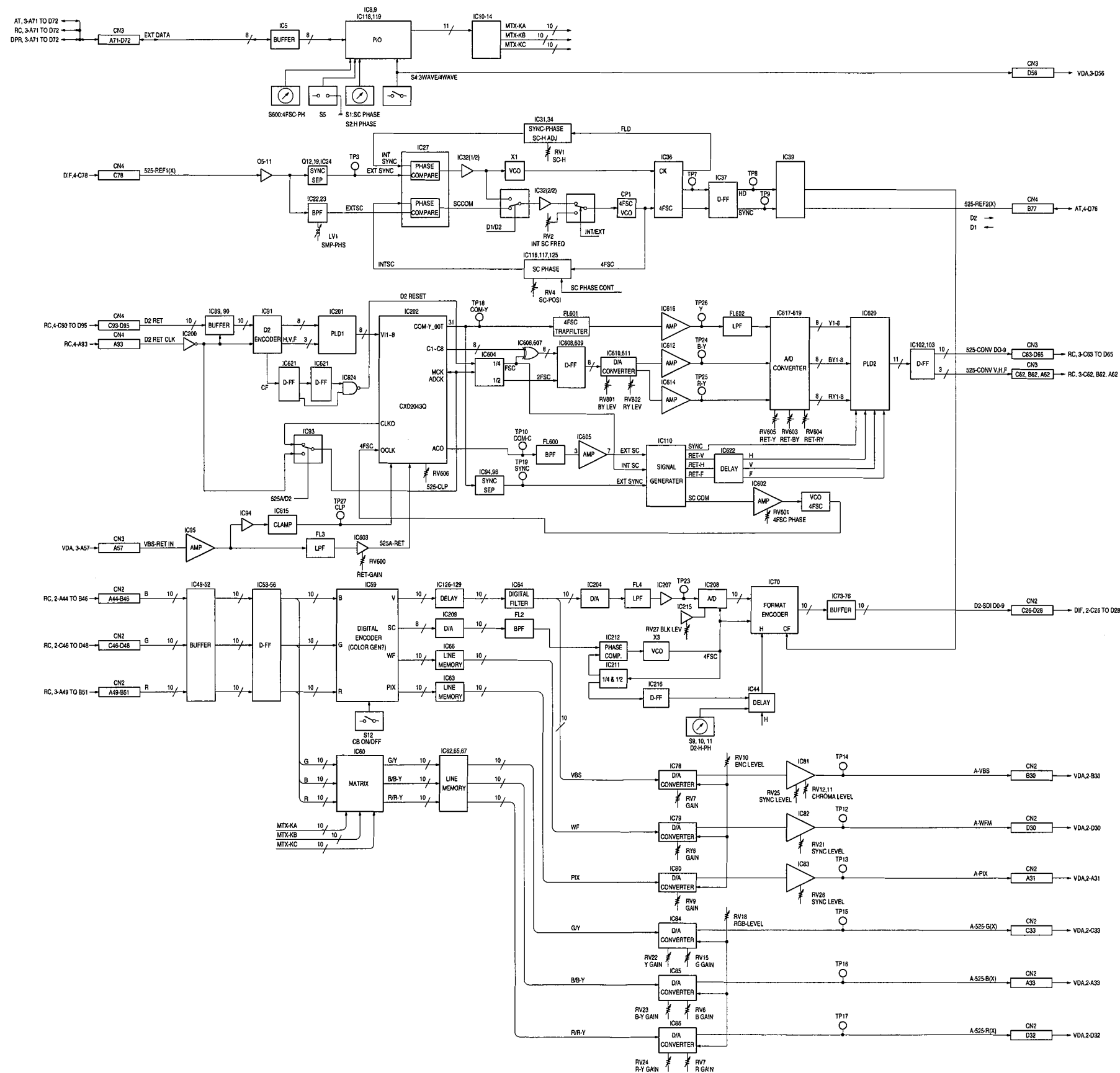




AT-103A (1/2) Block Diagram
 LOT NO. 710-
 B-WHDCU700A-AT103A-8D

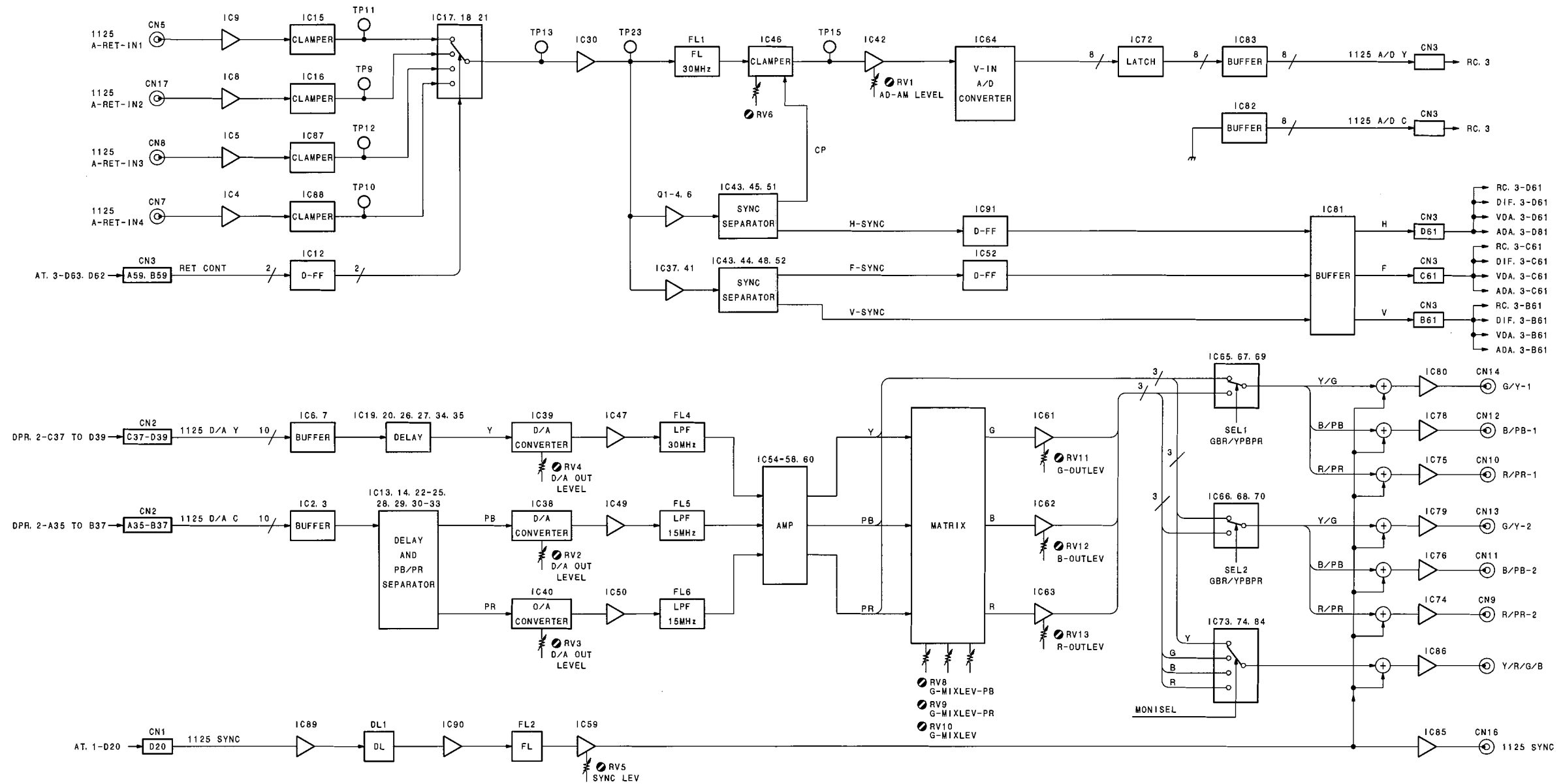


HKCU-701A



IF-704 Block Diagram
LOT NO. 710-
B-WHDCU700A-IF704-BD

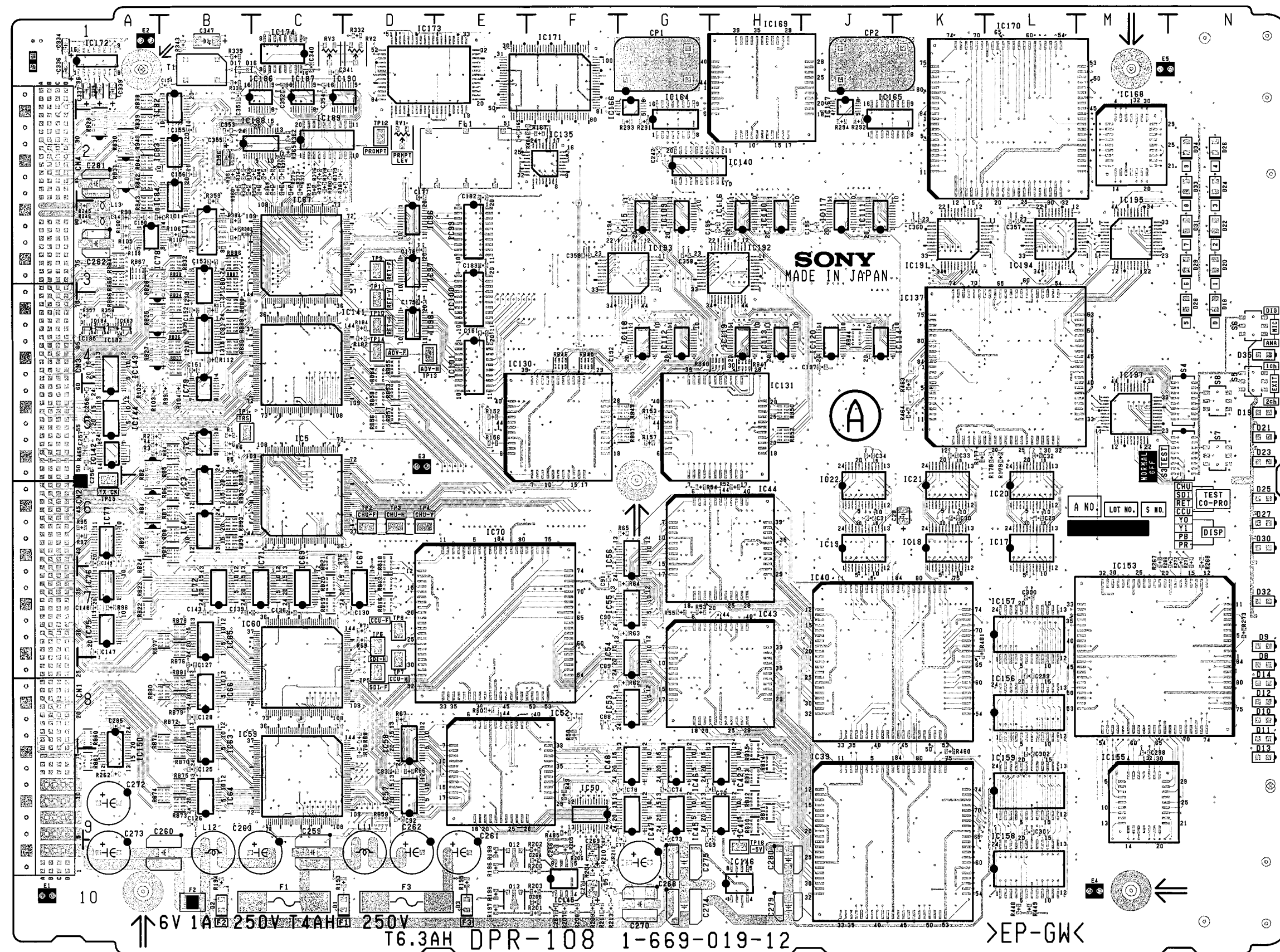
HKCU-702



ADA-50 Block Diagram
 LOT NO. 608-
 B-#HKCU702-ADA50-BD

Section 7
Board Layouts

HDCU-700A (UC) : S/N 11023 and higher
HDCU-700A (J) : S/N 30021 and higher



DPR-108 (1-669-019-12)
B SIDE

IC172	IC171	IC169	IC168	IC165	IC164	IC163	IC162	IC161	IC160	IC159	IC158	IC157	IC156	IC155	IC154	IC153	IC152	IC151	IC150	IC149	IC148	IC147	IC146	IC145	IC144	IC143	IC142	IC141	IC140	IC139	IC138	IC137	IC136	IC135	IC134	IC133	IC132	IC131	IC130	IC129	IC128	IC127	IC126	IC125	IC124	IC123	IC122	IC121	IC120	IC119	IC118	IC117	IC116	IC115	IC114	IC113	IC112	IC111	IC110	IC109	IC108	IC107	IC106	IC105	IC104	IC103	IC102	IC101	IC100	IC99	IC98	IC97	IC96	IC95	IC94	IC93	IC92	IC91	IC90	IC89	IC88	IC87	IC86	IC85	IC84	IC83	IC82	IC81	IC80	IC79	IC78	IC77	IC76	IC75	IC74	IC73	IC72	IC71	IC70	IC69	IC68	IC67	IC66	IC65	IC64	IC63	IC62	IC61	IC60	IC59	IC58	IC57	IC56	IC55	IC54	IC53	IC52	IC51	IC50	IC49	IC48	IC47	IC46	IC45	IC44	IC43	IC42	IC41	IC40	IC39	IC38	IC37	IC36	IC35	IC34	IC33	IC32	IC31	IC30	IC29	IC28	IC27	IC26	IC25	IC24	IC23	IC22	IC21	IC20	IC19	IC18	IC17	IC16	IC15	IC14	IC13	IC12	IC11	IC10	IC9	IC8	IC7	IC6	IC5	IC4	IC3	IC2	IC1

DPR-108 -A SIDE-
1-669-019-12

HDCU-700A (UC) : S/N 11023 and higher
HDCU-700A (J) : S/N 30021 and higher

NT M T T T K T J T H T G T F T E T D T C T B TA

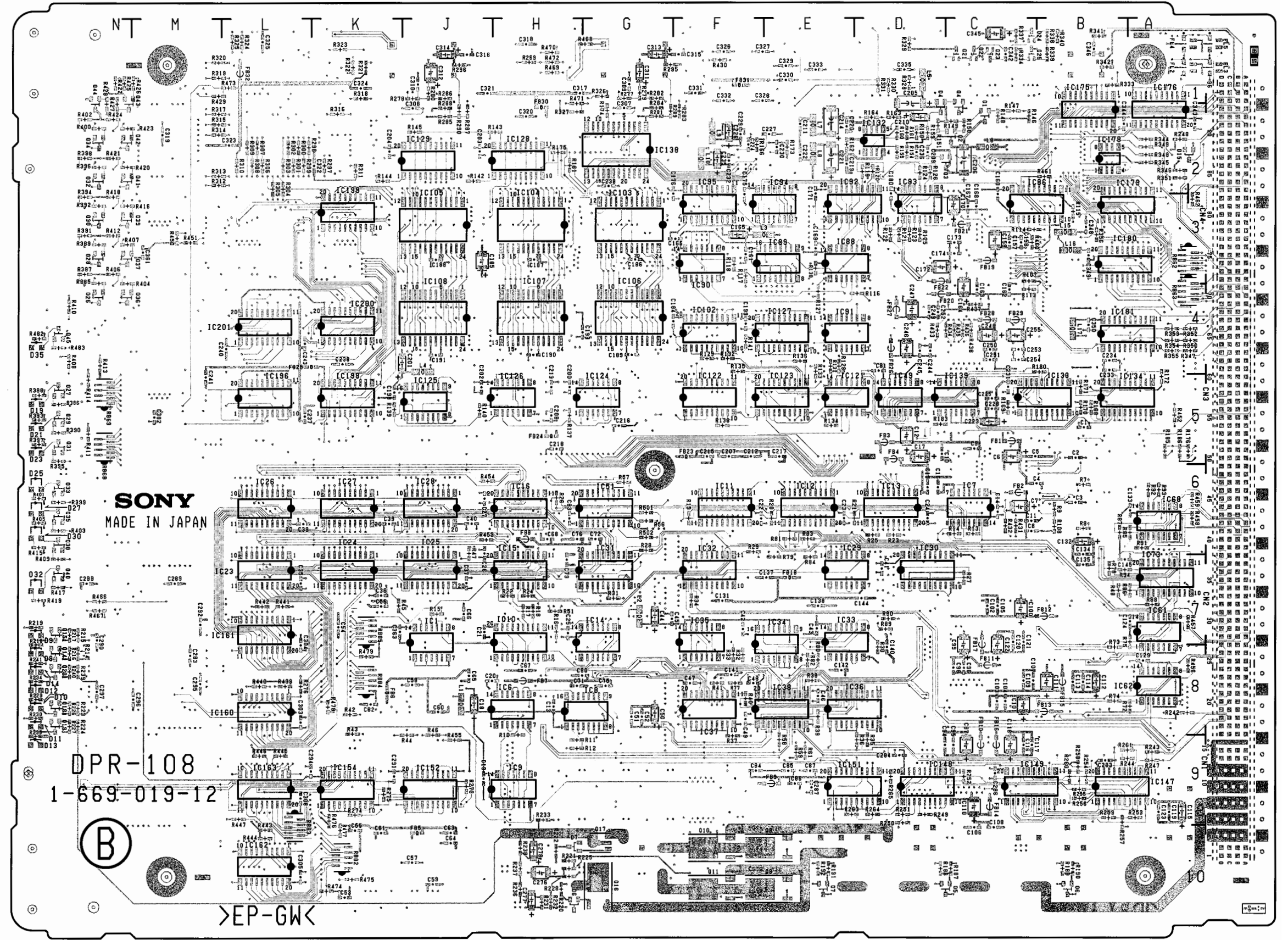
SONY
MADE IN JAPAN

DPR-108
1-669-019-12

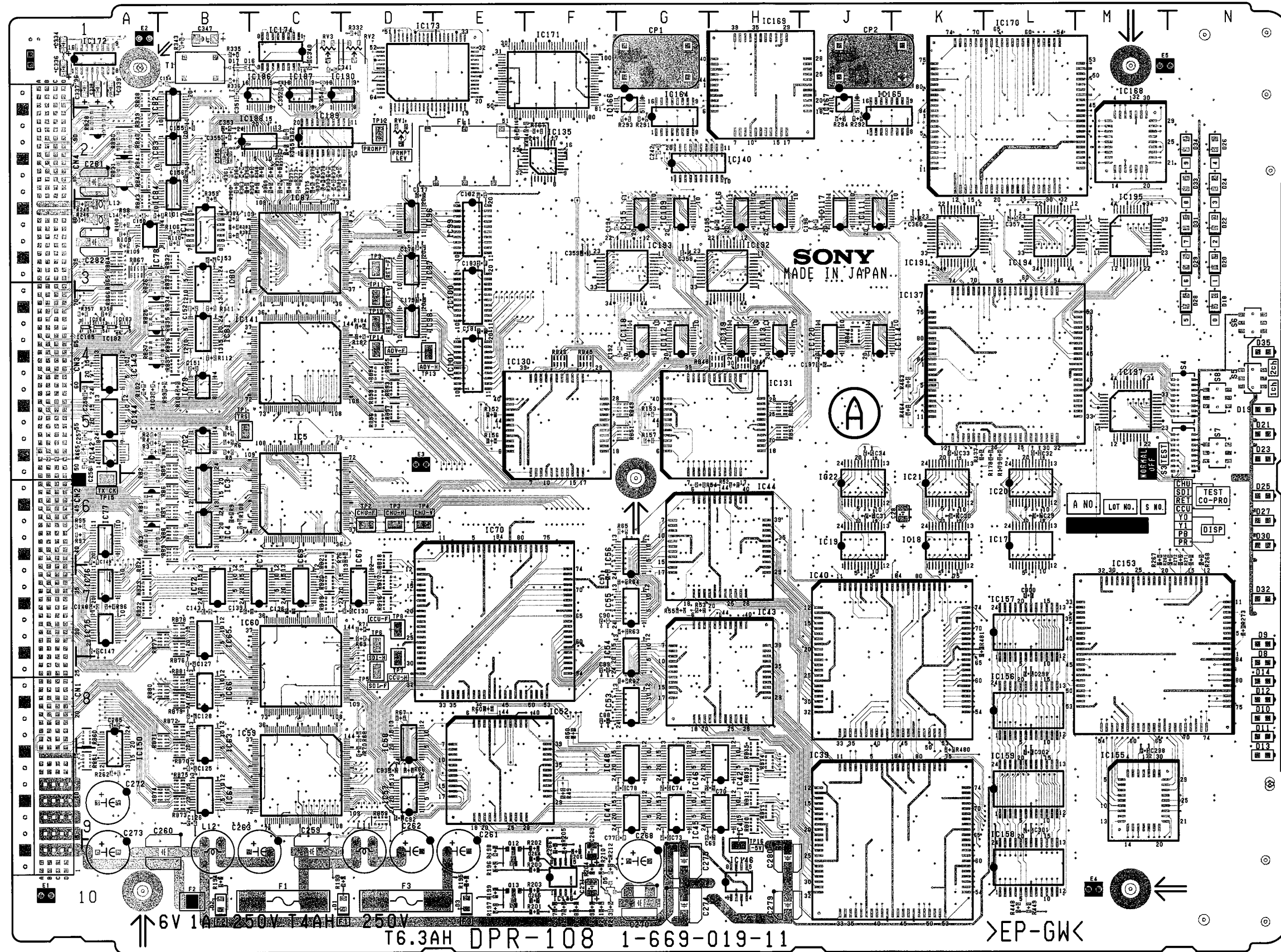
(B)

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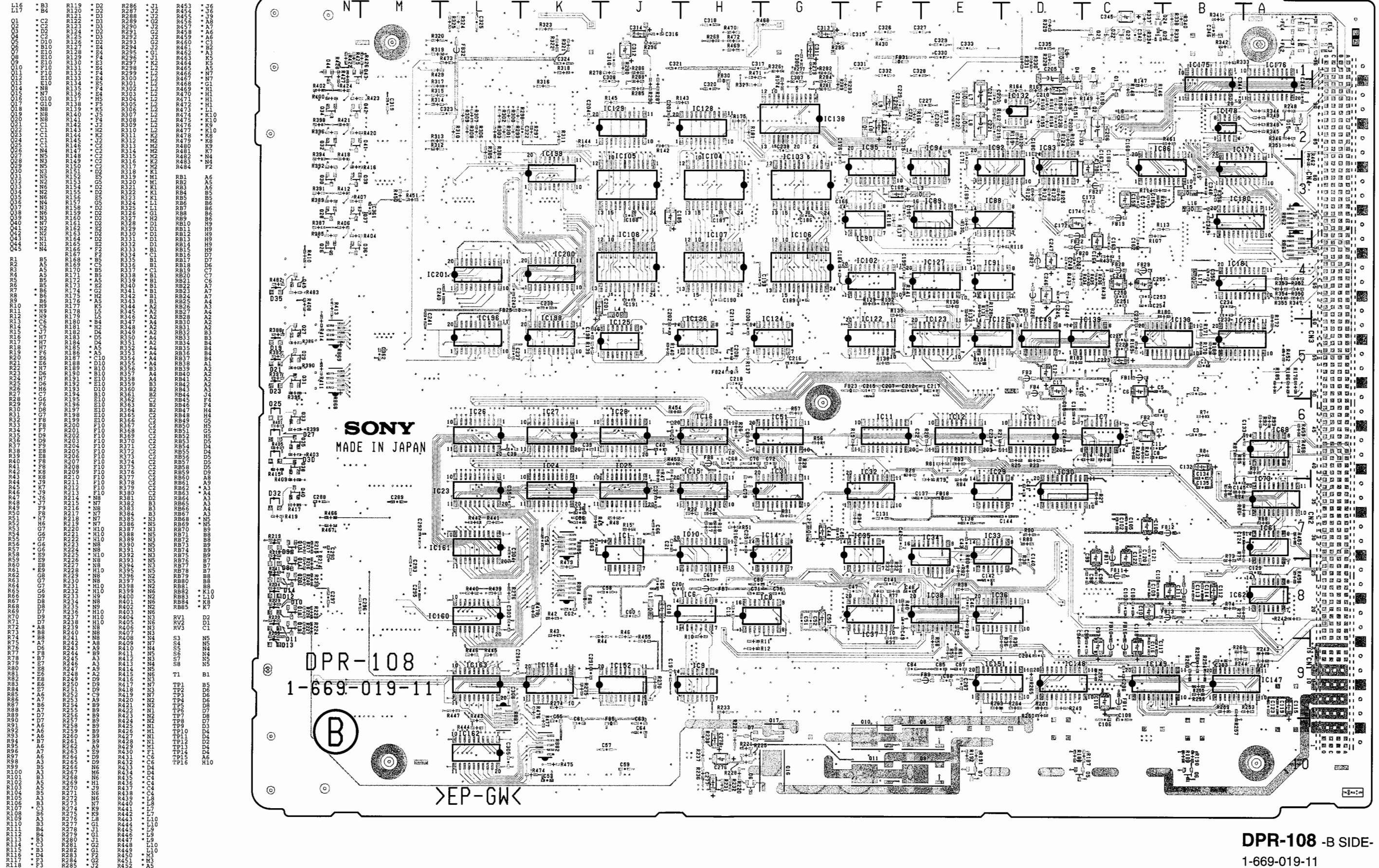
HDCU-700A (UC) : S/N 11001 through 11022
HDCU-700A (J) : S/N 30001 through 30020



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B SIDE

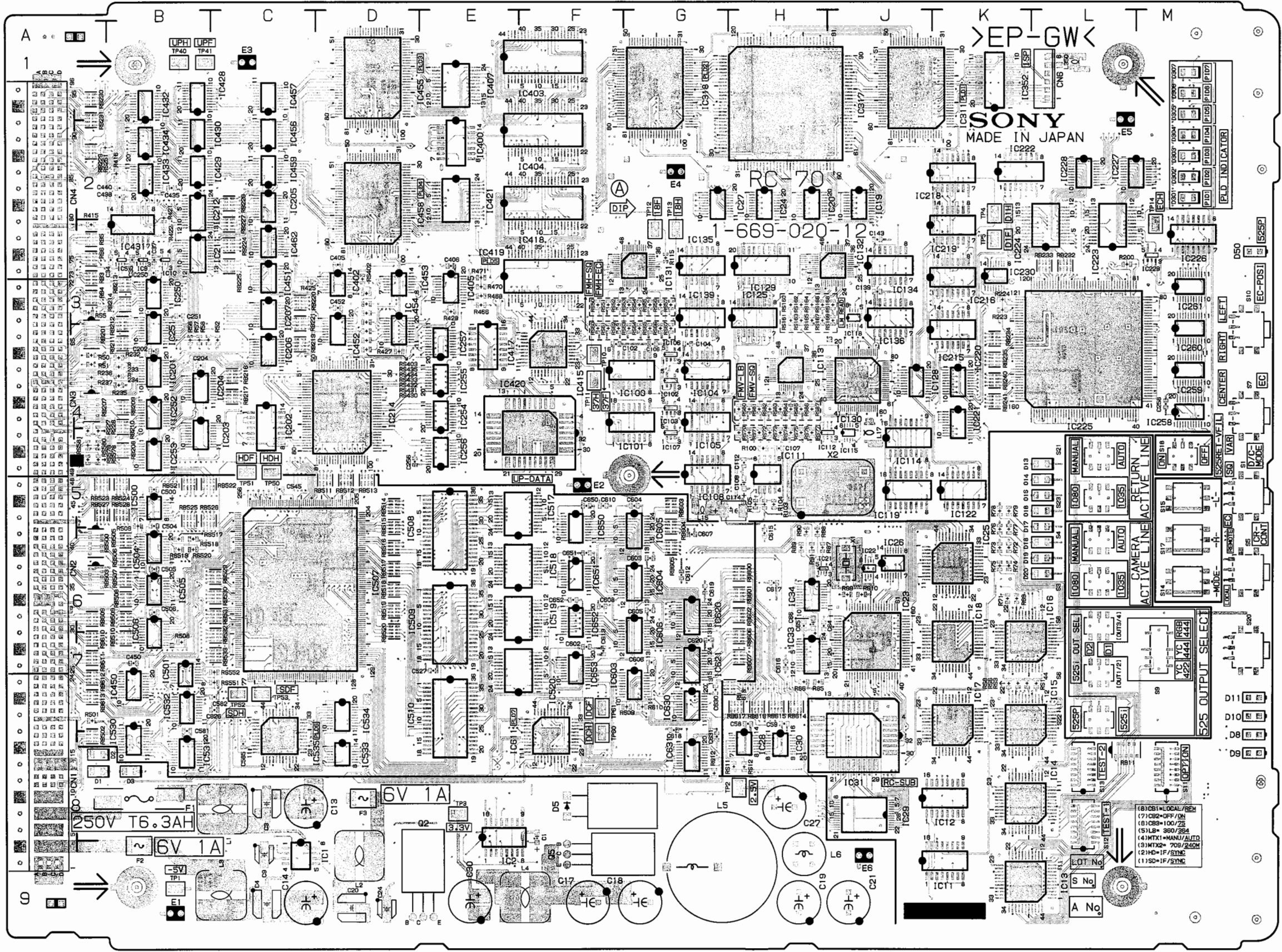
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B6	C181	D4	C348	B2	IC58	D9
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B2	C217	F0	C384	D8	IC94	F3
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B4	C219	F2	C386	D0	IC96	F3
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B6	C221	F4	C388	D2	IC98	D3
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B9	C254	F7	C421	D5	IC31	H2
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B8	C263	F6	C430	D4	IC40	D5
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B2	C277	F0	C444	D8	IC54	M7
B3	C278	F1	C445	D9	IC55	M7
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B0	C405	F8	C572	D6	IC82	A3
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B2	C407	F0	C574	D8	IC84	A3

HDCU-700A (UC) : S/N 11001 through 11022
HDCU-700A (J) : S/N 30001 through 30020



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HDCU-700A (UC) : S/N 11023 and higher
HDCU-700A (J) : S/N 30021 and higher



RC-70 (1-669-020-12)
B SIDE

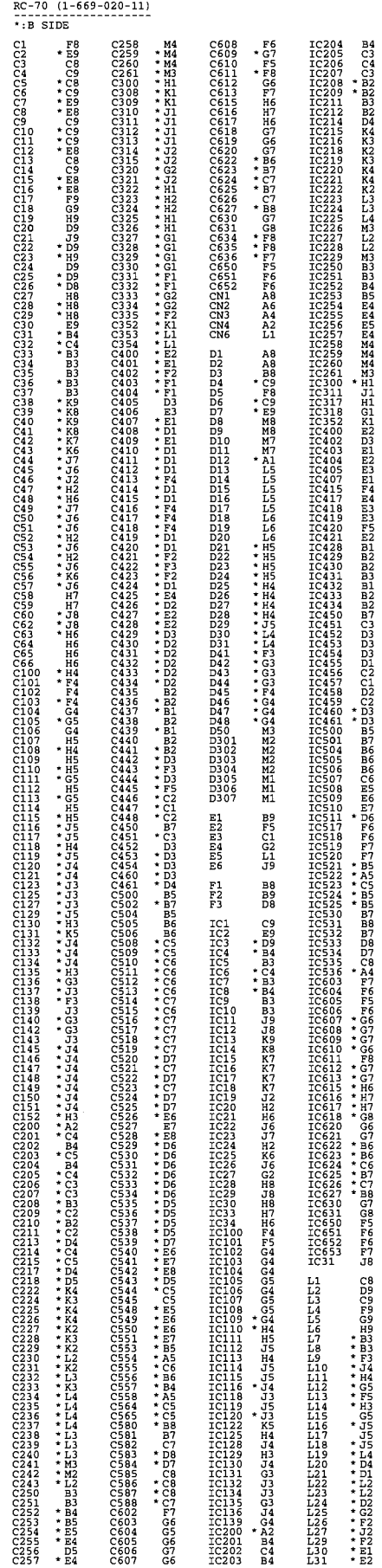
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*F12	C310	*J1	C619	G6	IC219	K3
*F13	C311	*J1	C620	G7	IC220	K4
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*F17	C315	*J2	C624	G7	IC224	K3
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*F19	C321	*G2	C627	B8	IC226	L4
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*F21	C323	*H2	C631	G8	IC228	L2
*F22	C324	*H2	C632	G8	IC229	L2
*F23	C325	*H1	C635	F8	IC230	K3
*F24	C326	*H1	C636	F7	IC231	B3
*F25	C327	*H1	C637	F7	IC232	B3
*F26	C328	*G1	C651	F6	IC252	B5
*F27	C329	*G1	C652	F6	IC253	B4
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*F34	C336	*K1			IC260	M4
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*F41	C343	*F1	F1	B7	IC267	K1
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*F69	C371	*F1	F1	B7	IC295	E1
*F70	C372	*F1	F1	B7	IC296	E1
*F71	C373	*F1	F1	B7	IC297	E1
*F72	C374	*F1	F1	B7	IC298	E1
*F73	C375	*F1	F1	B7	IC299	E1
*F74	C376	*F1	F1	B7	IC300	E1
*F75	C377	*F1	F1	B7	IC301	E1
*F76	C378	*F1	F1	B7	IC302	E1
*F77	C379	*F1	F1	B7	IC303	E1
*F78	C380	*F1	F1	B7	IC304	E1
*F79	C381	*F1	F1	B7	IC305	E1
*F80	C382	*F1	F1	B7	IC306	E1
*F81	C383	*F1	F1	B7	IC307	E1
*F82	C384	*F1	F1	B7	IC308	E1
*F83	C385	*F1	F1	B7	IC309	E1
*F84	C386	*F1	F1	B7	IC310	E1
*F85	C387	*F1	F1	B7	IC311	E1
*F86	C388	*F1	F1	B7	IC312	E1
*F87	C389	*F1	F1	B7	IC313	E1
*F88	C390	*F1	F1	B7	IC314	E1
*F89	C391	*F1	F1	B7	IC315	E1
*F90	C392	*F1	F1	B7	IC316	E1
*F91	C393	*F1	F1	B7	IC317	E1
*F92	C394	*F1	F1	B7	IC318	E1
*F93	C395	*F1	F1	B7	IC319	E1
*F94	C396	*F1	F1	B7	IC320	E1
*F95	C397	*F1	F1	B7	IC321	E1
*F96	C398	*F1	F1	B7	IC322	E1
*F97	C399	*F1	F1	B7	IC323	E1
*F98	C400	*F1	F1	B7	IC324	E1
*F99	C401	*F1	F1	B7	IC325	E1
*F100	C402	*F1	F1	B7	IC326	E1
*F101	C403	*F1	F1	B7	IC327	E1
*F102	C404	*F1	F1	B7	IC328	E1
*F103	C405	*F1	F1	B7	IC329	E1
*F104	C406	*F1	F1	B7	IC330	E1
*F105	C407	*F1	F1	B7	IC331	E1
*F106	C408	*F1	F1	B7	IC332	E1
*F107	C409	*F1	F1	B7	IC333	E1
*F108	C410	*F1	F1	B7	IC334	E1
*F109	C411	*F1	F1	B7	IC335	E1
*F110	C412	*F1	F1	B7	IC336	E1
*F111	C413	*F1	F1	B7	IC337	E1
*F112	C414	*F1	F1	B7	IC338	E1
*F113	C415	*F1	F1	B7	IC339	E1
*F114	C416	*F1	F1	B7	IC340	E1
*F115	C417	*F1	F1	B7	IC341	E1
*F116	C418	*F1	F1	B7	IC342	E1
*F117	C419	*F1	F1	B7	IC343	E1
*F118	C420	*F1	F1	B7	IC344	E1
*F119	C421	*F1	F1	B7	IC345	E1
*F120	C422	*F1	F1	B7	IC346	E1
*F121	C423	*F1	F1	B7	IC347	E1
*F122	C424	*F1	F1	B7	IC348	E1
*F123	C425	*F1	F1	B7	IC349	E1
*F124	C426	*F1	F1	B7	IC350	E1
*F125	C427	*F1	F1	B7	IC351	E1
*F126	C428	*F1	F1	B7	IC352	E1
*F127	C429	*F1	F1	B7	IC353	E1
*F128	C430	*F1	F1	B7	IC354	E1
*F129	C431	*F1	F1	B7	IC355	E1
*F130	C432	*F1	F1	B7	IC356	E1
*F131	C433	*F1	F1	B7	IC357	E1
*F132	C434	*F1	F1	B7	IC358	E1
*F133	C435	*F1	F1	B7	IC359	E1
*F134	C436	*F1	F1	B7	IC360	E1
*F135	C437	*F1	F1	B7	IC361	E1
*F136	C438	*F1	F1	B7	IC362	E1
*F137	C439	*F1	F1	B7	IC363	E1
*F138	C440	*F1	F1	B7	IC364	E1
*F139	C441	*F1	F1	B7	IC365	E1
*F140	C442	*F1	F1	B7	IC366	E1
*F141	C443	*F1	F1	B7	IC367	E1
*F142	C444	*F1	F1	B7	IC368	E1
*F143	C445	*F1	F1	B7	IC369	E1
*F144	C446	*F1	F1	B7	IC370	E1
*F145	C447	*F1	F1	B7	IC371	E1
*F146	C448	*F1	F1	B7	IC372	E1
*F147	C449	*F1	F1	B7	IC373	E1
*F148	C450	*F1	F1	B7	IC374	E1
*F149	C451	*F1	F1	B7	IC375	E1
*F150	C452	*F1	F1	B7	IC376	E1
*F151	C453	*F1	F1	B7	IC377	E1
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*F156	C458	*F1	F1	B7	IC382	E1
*F157	C459	*F1	F1	B7	IC383	E1
*F158	C460	*F1	F1	B7	IC384	E1
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*F161	C463	*F1	F1	B7	IC387	E1
*F162	C464	*F1	F1	B7	IC388	E1
*F163	C465	*F1	F1	B7	IC389	E1
*F164	C466	*F1	F1	B7	IC390	E1
*F165	C467	*F1	F1	B7	IC391	E1
*F166	C468	*F1	F1	B7	IC392	E1
*F167	C469	*F1	F1	B7	IC393	E1
*F168	C470	*F1	F1	B7	IC394	E1
*F169	C471	*F1	F1	B7	IC395	E1
*F170	C472	*F1	F1	B7	IC396	E1
*F171	C473	*F1	F1	B7	IC397	E1
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*F174	C476	*F1	F1	B7	IC400	E1
*F175	C477	*F1	F1	B7	IC401	E1
*F176	C478	*F1	F1	B7	IC402	E1
*F177	C479	*F1	F1	B7	IC403	E1
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*F179	C481	*F1	F1	B7	IC405	E1
*F180	C482	*F1	F1	B7	IC406	E1
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*F182	C484	*F1	F1	B7	IC408	E1
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*F185	C487	*F1	F1	B7	IC411	E1
*F186	C488	*F1	F1	B7	IC412	E1
*F187	C489	*F1	F1	B7	IC413	E1
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*F189	C491	*F1	F1	B7	IC415	E1
*F190	C492	*F1	F1	B7	IC416	E1
*F191	C493	*F1	F1	B7	IC417	E1
*F192	C494	*F1	F1	B7	IC418	E1
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*F200	C502	*F1	F1	B7	IC426	E1
*F201	C503	*F1	F1	B7	IC427	E1
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*F206	C508	*F1	F1	B7	IC432	E1
*F207	C509	*F1	F1	B7	IC433	E1
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*F209	C511	*F1	F1	B7	IC435	E1
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*F214	C516	*F1	F1	B7	IC440	E1
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*F231	C533	*F1	F1	B7	IC457	E1
*F232	C534	*F1	F1	B7	IC458	E1
*F233	C535	*F1	F1	B7	IC459	E1
*F234	C					

RC-70 -A SIDE-
1-669-020-12

HDCU-700A (UC) : S/N 11023 and higher
HDCU-700A (J) : S/N 30021 and higher

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	R16	R17	R18	R19	R20	R21	R22	R23	R24	R25	R26	R27	R28	R29	R30	R31	R32	R33	R34	R35	R36	R37	R38	R39	R40	R41	R42	R43	R44	R45	R46	R47	R48	R49	R50	R51	R52	R53	R54	R55	R56	R57	R58	R59	R60	R61	R62	R63	R64	R65	R66	R67	R68	R69	R70	R71	R72	R73	R74	R75	R76	R77	R78	R79	R80	R81	R82	R83	R84	R85	R86	R87	R88	R89	R90	R91	R92	R93	R94	R95	R96	R97	R98	R99	R100	R101	R102	R103	R104	R105	R106	R107	R108	R109	R110	R111	R112	R113	R114	R115	R116	R117	R118	R119	R120	R121	R122	R123	R124	R125	R126	R127	R128	R129	R130	R131	R132	R133	R134	R135	R136	R137	R138	R139	R140	R141	R142	R143	R144	R145	R146	R147	R148	R149	R150	R151	R152	R153	R154	R155	R156	R157	R158	R159	R160	R161	R162	R163	R164	R165	R166	R167	R168	R169	R170	R171	R172	R173	R174	R175	R176	R177	R178	R179	R180	R181	R182	R183	R184	R185	R186	R187	R188	R189	R190	R191	R192	R193	R194	R195	R196	R197	R198	R199	R200	R201	R202	R203	R204	R205	R206	R207	R208	R209	R210	R211	R212	R213	R214	R215	R216	R217	R218	R219	R220	R221	R222	R223	R224	R225	R226	R227	R228	R229	R230	R231	R232	R233	R234	R235	R236	R237	R238	R239	R240	R241	R242	R243	R244	R245	R246	R247	R248	R249	R250	R251	R252	R253	R254	R255	R256	R257	R258	R259	R260	R261	R262	R263	R264	R265	R266	R267	R268	R269	R270	R271	R272	R273	R274	R275	R276	R277	R278	R279	R280	R281	R282	R283	R284	R285	R286	R287	R288	R289	R290	R291	R292	R293	R294	R295	R296	R297	R298	R299	R300	R301	R302	R303	R304	R305	R306	R307	R308	R309	R310	R311	R312	R313	R314	R315	R316	R317	R318	R319	R320	R321	R322	R323	R324	R325	R326	R327	R328	R329	R330	R331	R332	R333	R334	R335	R336	R337	R338	R339	R340	R341	R342	R343	R344	R345	R346	R347	R348	R349	R350	R351	R352	R353	R354	R355	R356	R357	R358	R359	R360	R361	R362	R363	R364	R365	R366	R367	R368	R369	R370	R371	R372	R373	R374	R375	R376	R377	R378	R379	R380	R381	R382	R383	R384	R385	R386	R387	R388	R389	R390	R391	R392	R393	R394	R395	R396	R397	R398	R399	R400	R401	R402	R403	R404	R405	R406	R407	R408	R409	R410	R411	R412	R413	R414	R415	R416	R417	R418	R419	R420	R421	R422	R423	R424	R425	R426	R427	R428	R429	R430	R431	R432	R433	R434	R435	R436	R437	R438	R439	R440	R441	R442	R443	R444	R445	R446	R447	R448	R449	R450	R451	R452	R453	R454	R455	R456	R457	R458	R459	R460	R461	R462	R463	R464	R465	R466	R467	R468	R469	R470	R471	R472	R473	R474	R475	R476	R477	R478	R479	R480	R481	R482	R483	R484	R485	R486	R487	R488	R489	R490	R491	R492	R493	R494	R495	R496	R497	R498	R499	R500	R501	R502	R503	R504	R505	R506	R507	R508	R509	R510	R511	R512	R513	R514	R515	R516	R517	R518	R519	R520	R521	R522	R523	R524	R525	R526	R527	R528	R529	R530	R531	R532	R533	R534	R535	R536	R537	R538	R539	R540	R541	R542	R543	R544	R545	R546	R547	R548	R549	R550	R551	R552	R553	R554	R555	R556	R557	R558	R559	R560	R561	R562	R563	R564	R565	R566	R567	R568	R569	R570	R571	R572	R573	R574	R575	R576	R577	R578	R579	R580	R581	R582	R583	R584	R585	R586	R587	R588	R589	R590	R591	R592	R593	R594	R595	R596	R597	R598	R599	R600	R601	R602	R603	R604	R605	R606	R607	R608	R609	R610	R611	R612	R613	R614	R615	R616	R617	R618	R619	R620	R621	R622	R623	R624	R625	R626	R627	R628	R629	R630	R631	R632	R633	R634	R635	R636	R637	R638	R639	R640	R641	R642	R643	R644	R645	R646	R647	R648	R649	R650	R651	R652	R653	R654	R655	R656	R657	R658	R659	R660	R661	R662	R663	R664	R665	R666	R667	R668	R669	R670	R671	R672	R673	R674	R675	R676	R677	R678	R679	R680	R681	R682	R683	R684	R685	R686	R687	R688	R689	R690	R691	R692	R693	R694	R695	R696	R697	R698	R699	R700	R701	R702	R703	R704	R705	R706	R707	R708	R709	R710	R711	R712	R713	R714	R715	R716	R717	R718	R719	R720	R721	R722	R723	R724	R725	R726	R727	R728	R729	R730	R731	R732	R733	R734	R735	R736	R737	R738	R739	R740	R741	R742	R743	R744	R745	R746	R747	R748	R749	R750	R751	R752	R753	R754	R755	R756	R757	R758	R759	R760	R761	R762	R763	R764	R765	R766	R767	R768	R769	R770	R771	R772	R773	R774	R775	R776	R777	R778	R779	R780	R781	R782	R783	R784	R785	R786	R787	R788	R789	R790	R791	R792	R793	R794	R795	R796	R797	R798	R799	R800	R801	R802	R803	R804	R805	R806	R807	R808	R809	R810	R811	R812	R813	R814	R815	R816	R817	R818	R819	R820	R821	R822	R823	R824	R825	R826	R827	R828	R829	R830	R831	R832	R833	R834	R835	R836	R837	R838	R839	R840	R841	R842	R843	R844	R845	R846	R847	R848	R849	R850	R851	R852	R853	R854	R855	R856	R857	R858	R859	R860	R861	R862	R863	R864	R865	R866	R867	R868	R869	R870	R871	R872	R873	R874	R875	R876	R877	R878	R879	R880	R881	R882	R883	R884	R885	R886	R887	R888	R889	R890	R891	R892	R893	R894	R895	R896	R897	R898	R899	R900	R901	R902	R903	R904	R905	R906	R907	R908	R909	R910	R911	R912	R913	R914	R915	R916	R917	R918	R919	R920	R921	R922	R923	R924	R925	R926	R927	R928	R929	R930	R931	R932	R933	R934	R935	R936	R937	R938	R939	R940	R941	R942	R943	R944	R945	R946	R947	R948	R949	R950	R951	R952	R953	R954	R955	R956	R957	R958	R959	R960	R961	R962	R963	R964	R965	R966	R967	R968	R969	R970	R971	R972	R973	R974	R975	R976	R977	R978	R979	R980	R981	R982	R983	R984	R985	R986	R987	R988	R989	R990	R991	R992	R993	R994	R995	R996	R997	R998	R999	R1000	R1001	R1002	R1003	R1004	R1005	R1006	R1007	R1008	R1009	R1010	R1011	R1012	R1013	R1014	R1015	R1016	R1017	R1018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HDCU-700A (UC) : S/N 11001 through 11022
HDCU-700A (J) : S/N 30001 through 30020



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HDCU-700A (UC) : S/N 11001 through 11022
HDCU-700A (J) : S/N 30001 through 30020

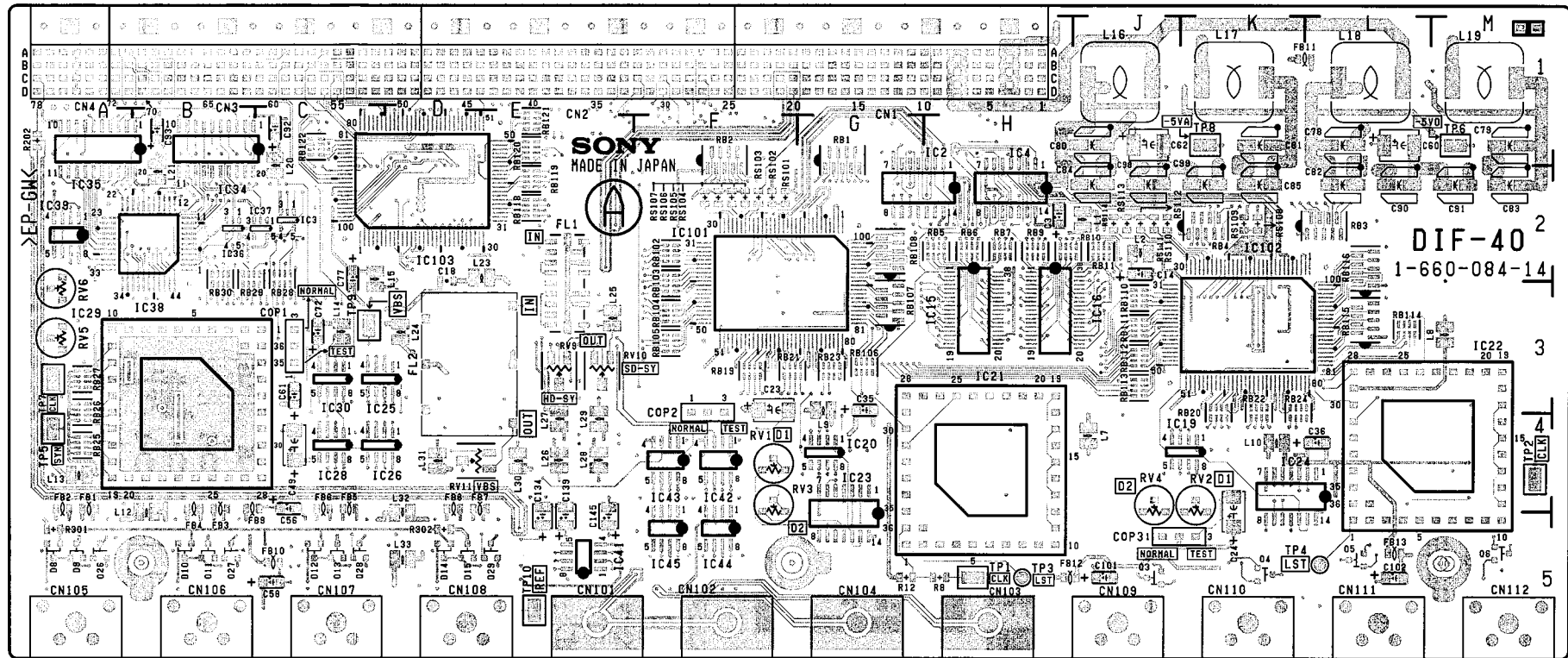
L32	*E1	R222	*K3	RB15	*M6	RS164	H3
L33	*F3	R223	*K3	RB201	A4	RS165	H3
L34	*F1	R224	*K3	RB202	A4	RS166	H3
L35	*F4	R225	*K3	RB207	A4	RS167	H3
L36	*F4	R226	*K3	RB208	B5	RS168	J3
L37	*F4	R227	*K3	RB209	B4	RS169	J3
L38	*F4	R228	*K3	RB210	A5	RS170	A4
L39	*F4	R229	*K3	RB211	B4	RS201	D4
L40	*F4	R230	*K3	RB212	B4	RS202	D4
L41	*F4	R231	*K3	RB213	B4	RS203	D4
L42	*F4	R232	*K3	RB214	B3	RS204	C5
L43	*F4	R233	*K3	RB215	B3	RS205	D4
L44	*F4	R234	*K3	RB216	C4	RS206	B4
L45	*F4	R235	*K3	RB217	C4	RS207	D4
L46	*F4	R236	*K3	RB218	C4	RS208	D4
L47	*F4	R237	*K3	RB219	C4	RS209	D4
L48	*F4	R238	*K3	RB220	A2	RS210	D4
L49	*F4	R239	*K3	RB221	D4	RS211	D4
L50	*F4	R240	*K3	RB222	C3	RS212	D4
L51	*F4	R241	*K3	RB223	C3	RS213	D4
L52	*F4	R242	*K3	RB224	C3	RS214	D4
L53	*F4	R243	*K3	RB225	C3	RS215	D4
L54	*F4	R244	*K3	RB226	C3	RS216	D4
L55	*F4	R245	*K3	RB227	C3	RS217	D4
L56	*F4	R246	*K3	RB228	A2	RS218	D4
L57	*F4	R247	*K3	RB229	A2	RS219	D4
L58	*F4	R248	*K3	RB230	A1	RS220	D4
L59	*F4	R249	*K3	RB231	A1	RS221	D4
L60	*F4	R250	*K3	RB232	L3	RS222	L3
L61	*F4	R251	*K3	RB233	L3	RS223	L3
L62	*F4	R252	*K3	RB234	K4	RS224	K4
L63	*F4	R253	*K3	RB235	K4	RS225	K4
L64	*F4	R254	*K3	RB236	K4	RS226	K4
L65	*F4	R255	*K3	RB237	K4	RS227	K4
L66	*F4	R256	*K3	RB238	K4	RS228	K4
L67	*F4	R257	*K3	RB239	K4	RS229	K4
L68	*F4	R258	*K3	RB240	K4	RS230	K4
L69	*F4	R259	*K3	RB241	K4	RS231	K4
L70	*F4	R260	*K3	RB242	K4	RS232	K4
L71	*F4	R261	*K3	RB243	K4	RS233	K4
L72	*F4	R262	*K3	RB244	K4	RS234	K4
L73	*F4	R263	*K3	RB245	K4	RS235	K4
L74	*F4	R264	*K3	RB246	K4	RS236	K4
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L76	*F4	R266	*K3	RB248	K4	RS238	K4
L77	*F4	R267	*K3	RB249	K4	RS239	K4
L78	*F4	R268	*K3	RB250	K4	RS240	K4
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L80	*F4	R270	*K3	RB252	K4	RS242	K4
L81	*F4	R271	*K3	RB253	K4	RS243	K4
L82	*F4	R272	*K3	RB254	K4	RS244	K4
L83	*F4	R273	*K3	RB255	K4	RS245	K4
L84	*F4	R274	*K3	RB256	K4	RS246	K4
L85	*F4	R275	*K3	RB257	K4	RS247	K4
L86	*F4	R276	*K3	RB258	K4	RS248	K4
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L89	*F4	R279	*K3	RB261	K4	RS251	K4
L90	*F4	R280	*K3	RB262	K4	RS252	K4
L91	*F4	R281	*K3	RB263	K4	RS253	K4
L92	*F4	R282	*K3	RB264	K4	RS254	K4
L93	*F4	R283	*K3	RB265	K4	RS255	K4
L94	*F4	R284	*K3	RB266	K4	RS256	K4
L95	*F4	R285	*K3	RB267	K4	RS257	K4
L96	*F4	R286	*K3	RB268	K4	RS258	K4
L97	*F4	R287	*K3	RB269	K4	RS259	K4
L98	*F4	R288	*K3	RB270	K4	RS260	K4
L99	*F4	R289	*K3	RB271	K4	RS261	K4
L100	*F4	R290	*K3	RB272	K4	RS262	K4
L101	*F4	R291	*K3	RB273	K4	RS263	K4
L102	*F4	R292	*K3	RB274	K4	RS264	K4
L103	*F4	R293	*K3	RB275	K4	RS265	K4
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L108	*F4	R298	*K3	RB280	K4	RS270	K4
L109	*F4	R299	*K3	RB281	K4	RS271	K4
L110	*F4	R300	*K3	RB282	K4	RS272	K4
L111	*F4	R301	*K3	RB283	K4	RS273	K4
L112	*F4	R302	*K3	RB284	K4	RS274	K4
L113	*F4	R303	*K3	RB285	K4	RS275	K4
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L119	*F4	R309	*K3	RB291	K4	RS281	K4
L120	*F4	R310	*K3	RB292	K4	RS282	K4
L121	*F4	R311	*K3	RB293	K4	RS283	K4
L122	*F4	R312	*K3	RB294	K4	RS284	K4
L123	*F4	R313	*K3	RB295	K4	RS285	K4
L124	*F4	R314	*K3	RB296	K4	RS286	K4
L125	*F4	R315	*K3	RB297	K4	RS287	K4
L126	*F4	R316	*K3	RB298	K4	RS288	K4
L127	*F4	R317	*K3	RB299	K4	RS289	K4
L128	*F4	R318	*K3	RB300	K4	RS290	K4
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L136	*F4	R326	*K3	RB308	K4	RS298	K4
L137	*F4	R327	*K3	RB309	K4	RS299	K4
L138	*F4	R328	*K3	RB310	K4	RS300	K4
L139	*F4	R329	*K3	RB311	K4	RS301	K4
L140	*F4	R330	*K3	RB312	K4	RS302	K4
L141	*F4	R331	*K3	RB313	K4	RS303	K4
L142	*F4	R332	*K3	RB314	K4	RS304	K4
L143	*F4	R333	*K3	RB315	K4	RS305	K4
L144	*F4	R334	*K3	RB316	K4	RS306	K4
L145	*F4	R335	*K3	RB317	K4	RS307	K4
L146	*F4	R336	*K3	RB318	K4	RS308	K4
L147	*F4	R337	*K3	RB319	K4	RS309	K4
L148	*F4	R338	*K3	RB320	K4	RS310	K4
L149	*F4	R339	*K3	RB321	K4	RS311	K4
L150	*F4	R340	*K3	RB322	K4	RS312	K4
L151	*F4	R341	*K3	RB323	K4	RS313	K4
L152	*F4	R342	*K3	RB324	K4	RS314	K4
L153	*F4	R343	*K3	RB325	K4	RS315	K4
L154	*F4	R344	*K3	RB326	K4	RS316	K4
L155	*F4	R345	*K3	RB327	K4	RS317	K4
L156	*F4	R346	*K3	RB328	K4	RS318	K4
L157	*F4	R347	*K3	RB329	K4	RS319	K4
L158	*F4	R348	*K3	RB330	K4	RS320	K4
L159	*F4	R349	*K3	RB331	K4	RS321	K4
L160	*F4	R350	*K3	RB332	K4	RS322	K4
L161	*F4	R351	*K3	RB333	K4	RS323	K4
L162	*F4	R352	*K3	RB334	K4	RS324	K4
L163	*F4	R353	*K3	RB335	K4	RS325	K4
L164	*F4	R354	*K3	RB336	K4	RS326	K4
L165	*F4	R355	*K3	RB337	K4	RS327	K4
L166	*F4	R356	*K3	RB338	K4	RS328	K4
L167	*F4	R357	*K3	RB339	K4	RS329	K4
L168	*F4	R358	*K3	RB340	K4	RS330	K4
L169	*F4	R359	*K3	RB341	K4	RS331	K4
L170	*F4	R360	*K3	RB342	K4	RS332	K4
L171	*F4	R361	*K3	RB343	K4	RS333	K4
L172	*F4	R362	*K3	RB344	K4	RS334	K4
L173	*F4	R363	*K3	RB345	K4	RS335	K4
L174	*F4	R364	*K3	RB346	K4	RS336	K4
L175	*F4	R365	*K3	RB347	K4	RS337	K4
L176	*F4	R366	*K3	RB348	K4	RS338	K4
L177	*F4	R367	*K3	RB349	K4	RS339	K4
L178	*F4	R368	*K3	RB350	K4	RS340	K4
L179	*F4	R369	*K3	RB351	K4	RS341	K4
L180	*F4	R370	*K3	RB352	K4	RS342	K4
L181	*F4	R371	*K3	RB353	K4	RS343	K4
L182	*F4	R372	*K3	RB354	K4	RS344	K4
L183	*F4	R373	*K3	RB355	K4	RS345	K4
L184	*F4	R374	*K3	RB356	K4	RS346	K4
L185	*F4	R375	*K3	RB357	K4	RS347	K4
L186	*F4	R376	*K3	RB358	K4	RS348	K4
L187	*F4	R377	*K3	RB359	K4	RS349	K4
L188	*F4	R378	*K3	RB360	K4	RS350	K4
L189	*F4	R379	*K3	RB361	K4	RS351	K4
L190	*F4	R380	*K3	RB362	K4	RS352	K4
L191	*F4	R381	*K3	RB363	K4	RS353	K4
L192	*F4	R382	*K3	RB364	K4	RS354	K4
L193	*F4	R383	*K3	RB365	K4	RS355	K4
L194	*F4	R384	*K3	RB366	K4	RS356	K4
L195	*F4	R385	*K3	RB367	K4	RS357	K4
L196	*F4	R386	*K3	RB368	K4	RS358	K4
L197	*F4	R387	*K3	RB369	K4	RS359	K4
L198	*F4	R388	*K3	RB370	K4	RS360	K4
L199	*F4	R389	*K3	RB371	K4	RS361	K4
L200	*F4	R390	*K3	RB372	K4	RS362	K4
L201	*F4	R391	*K3	RB373	K4	RS363	K4
L202	*F4	R392	*K3	RB374	K4	RS364	K4
L203	*F4	R393	*K3	RB375	K4	RS365	K4
L204	*F4	R394	*K3	RB376	K4	RS366	K4
L205	*F4	R395	*K3	RB377	K4	RS367	K4
L206	*F4	R396	*K3	RB378	K4	RS368	K4
L207	*F4	R397	*K3	RB379	K4	RS369	K4
L208	*F4	R398	*K3	RB380	K4	RS370	K4
L209	*F4	R399	*K3	RB381	K4	RS371	K4
L210	*F4	R400	*K3	RB382	K4	RS372	K4
L211	*F4	R401	*K3	RB383	K4	RS373	K4
L212	*F4	R402	*K3	RB384	K4	RS374	K4
L213	*F4	R403	*K3	RB385	K4	RS375	K4
L214	*F4	R404	*K3	RB386	K4	RS376	K4
L215	*F4	R405	*K3	RB387	K4	RS377	K4
L216	*F4	R406	*K3	RB388	K4	RS378	K4
L217	*F4	R407	*K3	RB389	K4	RS379	K4
L218	*F4	R408	*K3	RB390	K4	RS380	K4
L219	*F4	R409	*K3	RB391	K4	RS381	K4
L220	*F4	R410	*K3	RB392	K4	RS382	K4
L221	*F4	R411	*K3	RB393	K4	RS383	K4
L222	*F4	R412	*K3	RB394	K4	RS384	K4
L223	*F4	R413	*K3	RB395	K4	RS385	K4
L224							

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

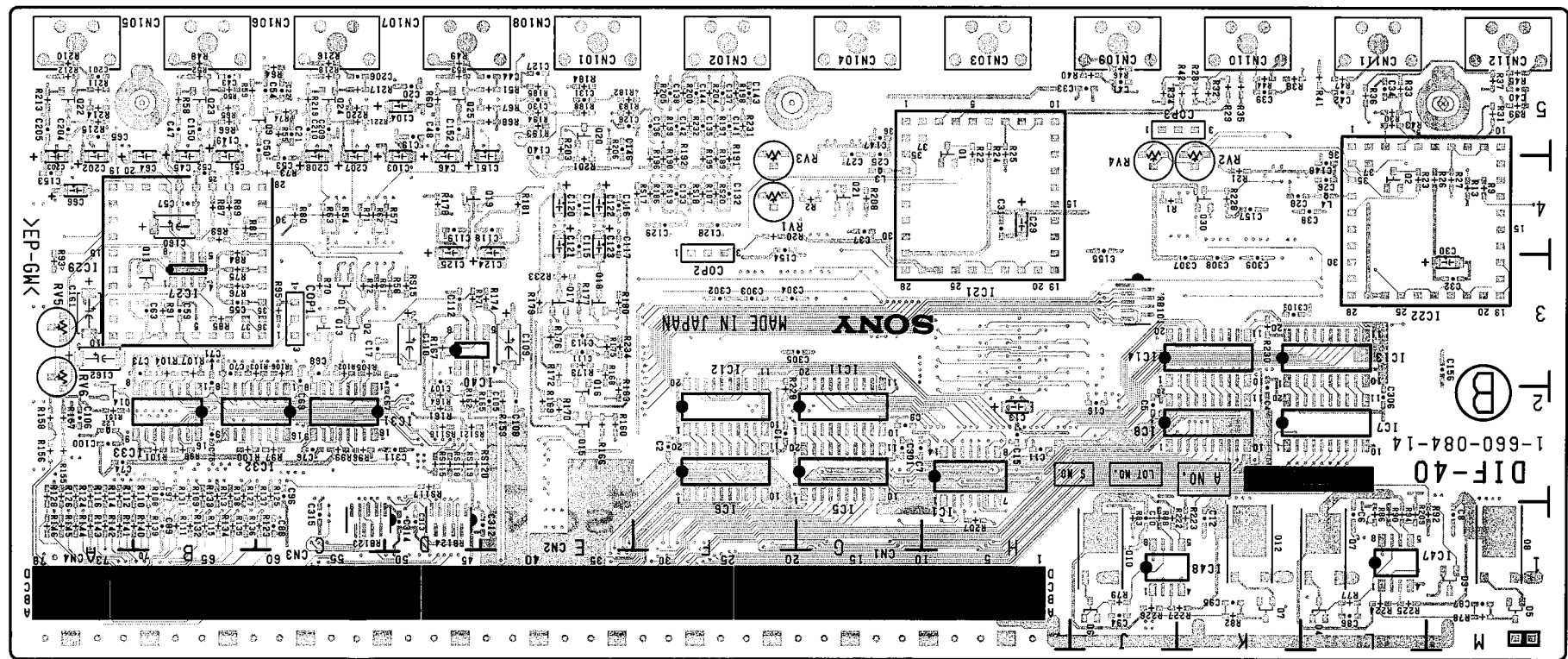
DIF-40 (1-660-084-14)

*:B SIDE

C1	*F2	C94	*J1	CN1	F1	IC44	F4	R37	*M5	R138	*B2	RB1	G1
C2	*F2	C95	*K1	CN2	D1	IC45	F4	R38	*K5	R139	*B1	RB2	F1
C3	*H2	C96	*C2	CN3	A1	IC47	*L1	R39	*M5	R140	*B1	RB3	L2
C4	*K2	C97	*B2	CN4	A1	IC48	*J1	R40	*J5	R141	*A1	RB4	K2
C5	*J2	C98	J2	CN101	E5	IC101	F3	R41	*L5	R142	*A1	RB5	H2
C6	*L1	C99	K2	CN102	F5	IC102	K3	R42	*K5	R143	*A1	RB6	H2
C7	*G2	C100	*A2	CN103	H5	IC103	D2	R43	*L5	R144	*A1	RB7	H2
C8	*M1	C101	J5	CN104	G5			R44	*K5	R145	*A1	RB9	H2
C9	*G2	C102	L5	CN105	A5	L1	J2	R45	*M5	R146	*A1	RB10	H2
C10	*J1	C103	*D4	CN106	B5	L2	J2	R46	*J5	R151	*A2	RB11	J2
C11	*H2	C104	*D5	CN107	C5	L3	*G4	R47	*L5	R155	*A2	RB19	F3
C12	*K1	C105	*E2	CN108	D5	L4	*L4	R48	*B5	R156	*A2	RB20	K3
C13	*H2	C106	*A2	CN109	J5	L7	J4	R49	*D5	R157	*A2	RB21	F3
C14	J2	C107	*D3	CN110	K5	L8	M3	R50	*B5	R158	*A2	RB22	K3
C15	*H2	C108	*E2	CN111	L5	L9	G3	R51	*E5	R159	*E2	RB23	G3
C16	*J2	C109	*E3	CN112	M5	L10	K4	R52	*B5	R160	*E2	RB24	K3
C17	*C3	C110	*D3			L12	B5	R53	*D5	R161	*D2	RB25	A4
C18	D3	C111	*E3	COP1	C3	L13	A4	R54	*C4	R162	*D2	RB26	A3
C19	*D5	C112	*D3	COP2	F3	L14	C3	R55	*C5	R163	*E2	RB27	A3
C20	*D5	C113	*E3	COP3	K5	L15	C2	R56	*C3	R164	*D2	RB28	C2
C21	*C5	C114	*E4			L16	J1	R57	*D4	R165	*D2	RB29	B2
C22	*C5	C115	*E4	D1	*C3	L17	K1	R58	*B5	R166	*E2	RB30	B2
C23	F3	C116	*E4	D2	*C3	L18	L1	R59	*B5	R167	*D3	RB101	*J3
C24	K4	C117	*E4	D3	*M1	L19	M1	R60	*D5	R168	*E3	RB102	F2
C25	*G4	C118	*E4	D4	*L1	L20	C2	R61	*C3	R169	*E2	RB103	F3
C26	*L4	C119	*D4	D5	*M1	L21	B2	R62	*C4	R170	*E2	RB104	F3
C27	*G4	C120	*E4	D6	*J1	L22	*A2	R63	*C4	R171	*D3	RB105	F3
C28	*K4	C121	*E4	D7	*K1	L23	E2	R64	*C5	R172	*E3	RB106	G3
C29	*H4	C122	*E4	D8	A5	L24	D3	R65	*B5	R173	*E3	RB107	G3
C30	*M3	C123	*E4	D9	A5	L25	E3	R66	*B5	R174	*E3	RB108	G2
C31	*H4	C124	*E4	D10	B5	L26	E4	R67	*E5	R175	*E3	RB110	J3
C32	*M3	C125	*D3	D11	B5	L27	E4	R68	*E5	R176	*E3	RB111	J3
C33	*J5	C126	*E5	D12	C5	L28	E4	R69	*B4	R177	*E3	RB112	J3
C34	*L5	C127	*E5	D13	C5	L29	E4	R70	*C3	R178	*D4	RB113	J3
C35	G3	C128	*F4	D14	D5	L30	E4	R71	*C4	R179	*E3	RB114	L3
C36	L4	C129	*F4	D15	D5	L31	D4	R72	*C3	R180	*E3	RB115	L3
C37	*G4	C130	*E5			L32	D5	R73	*C4	R181	*E4	RB116	L2
C38	*L4	C131	*E5	FB1	A4	L33	D5	R74	*C5	R182	*E5	RB118	E2
C39	*K5	C132	*F4	FB2	A4			R75	*B3	R183	*E5	RB119	E2
C40	*M5	C133	*F4	FB3	B4	Q1	*H4	R76	*B3	R184	*E5	RB120	E1
C41	*J5	C134	E5	FB4	B4	Q2	*L4	R77	*L1	R185	*E5	RB121	E1
C42	*L5	C135	*F5	FB5	C4	Q3	J5	R78	*M1	R186	*F4	RB122	C1
C43	*B5	C136	*F5	FB6	C4	Q4	K5	R79	*J1	R187	*F4	RB123	*C1
C44	*B5	C137	*F5	FB7	D4	Q5	L5	R80	*C4	R188	*E5	RB124	*D1
C45	*B4	C138	*F5	FB8	D4	Q6	M5	R81	*B4	R189	*F4		
C46	*D4	C139	E5	FB9	B4	Q7	*L1	R82	*K1	R190	*F4	RS15	*D3
C47	*B5	C140	*E4	FB10	C5	Q8	*M1	R83	*J1	R191	*F4	RS17	*F4
C48	*D5	C141	*F5	FB11	L1	Q9	*C5	R84	*B3	R192	*F4	RS18	*F4
C49	C4	C142	*F5	FB12	H5	Q10	*J1	R85	*B3	R193	*E5	RS19	*F4
C50	*C5	C143	*F5	FB13	L5	Q11	*B3	R86	*L1	R194	*E5	RS20	*F4
C51	*B4	C144	*F5			Q12	*K1	R87	*B4	R195	*F4	RS101	F2
C52	*B4	C145	E5	FL1	E3	Q13	*C3	R88	*J1	R196	*F4	RS102	F2
C53	*C4	C146	*E5	FL2	D3	Q14	*A2	R89	*B4	R197	*F5	RS103	F2
C54	*C5	C147	*G5			Q15	*E2	R90	*L1	R198	*F5	RS104	F2
C55	*B3	C148	*L4	IC1	*H1	Q16	*E2	R91	*B3	R199	*F5	RS105	F2
C56	C4	C149	*B4	IC2	H1	Q17	*E3	R92	*M1	R200	*F5	RS106	F2
C57	*B4	C150	*B5	IC3	C2	Q18	*E3	R93	*A3	R201	*E4	RS107	F2
C58	C5	C151	*E4	IC4	H1	Q19	*D4	R94	*L1	R202	A1	RS108	K2
C59	*B3	C152	*D5	IC5	*G2	Q20	*B5	R95	*C3	R203	*E5	RS109	K2
C60	L1	C153	*A4	IC6	*F2	Q21	*G4	R96	*C2	R204	*F5	RS110	J2
C61	C3	C154	*F4	IC7	*K2	Q22	*A5	R97	*C2	R205	*F5	RS111	J2
C62	J1	C155	*J4	IC8	*J2	Q23	*B5	R98	*B2	R206	*E5	RS112	J2
C63	*B3	C156	*M3	IC11	*G2	Q24	*C5	R99	*C2	R207	*H1	RS113	J2
C64	*B4	C157	*K4	IC12	*F2	Q25	*D5	R100	*B2	R208	*G4	RS114	J2
C65	*A5	C160	*B4	IC13	*K3	Q26	A5	R101	*B2	R209	*L1	RS115	*D2
C66	*A4	C161	*A3	IC14	*J3	Q27	B5	R102	*C3	R210	*A5	RS116	*D2
C67	*D3	C162	*A3	IC15	H2	Q28	C5	R103	*C3	R211	*A5	RS117	*D2
C68	*C3	C201	*A5	IC16	H2	Q29	B5	R104	*B3	R212	*A5	RS118	*D2
C69	*C3	C202	*A4	IC19	K4	Q30	*K4	R105	*C3	R213	*A5	RS119	*D2
C70	*B3	C203	*A4	IC20	G4			R106	*C3	R214	*A5	RS120	*D2
C71	*B3	C204	*A5	IC21	H4	R1	*J4	R107	*B3	R215	*A5	RS121	*D2
C72	C3	C205	*A5	IC22	L4	R2	*G4	R108	*B2	R216	*C5		
C73	*B3	C206	*C5	IC23	G4	R8	H5	R109	*B2	R217	*C5	RV1	F4
C74	*A2	C207	*C4	IC24	L4	R9	*M4	R110	*B2	R218	*C5	RV2	K4
C75	*B2	C208	*C4	IC25	C3	R12	G5	R111	*B1	R219	*C5	RV3	F4
C76	*C2	C209	*C5	IC26	C4	R13	*M4	R112	*A2	R220	*C5	RV4	J4
C77	C2	C210	*C5	IC27	*B3	R20	*F4	R113	*B2	R221	*C5	RV5	A3
C78	L1	C301	*G2	IC28	C4	R21	*K4	R114	*A2	R222	*J1	RV6	A3
C79	M1	C302	*F3	IC29	B3	R22	*H4	R115	*B1	R223	*K1	RV9	E3
C80	J1	C303	*F3	IC30	C3	R23	*L4	R116	*A2	R224	*L1	RV10	E3
C81	K1	C304	*F3	IC31	*C2	R24	*H4	R117	*C1	R225	*L1	RV11	D4
C82	L2	C305	*G3	IC32	*C2	R25	*H4	R118	*A2	R226	*J1		
C83	M2	C306	*L2	IC33	*B2	R26	*M4	R119	*C2	R227	*K1	TP1	H5
C84	J2	C307	*K3	IC34	B1	R27	*M4	R120	*A2	R228	*K4	TP2	M4
C85	K2	C308	*K3	IC35	B1	R28	*K5	R121	*B2	R229	*F2	TP3	H5
C86	*L1	C309	*K3	IC36	B2	R29	*K5	R122	*A2	R230	*K3	TP4	L5
C87	*M1	C310	*K3	IC37	C2	R30	*L5	R123	*B1	R231	*F5	TP5	A4
C88	*C1	C311	*D2	IC38	B2	R31	*M5	R124	*B1	R232	*F5	TP6	M1
C89	*B1	C312	*E1	IC39	A2	R32	*K5	R125	*B2	R233	*E3	TP7	A3
C90	L2	C313	*D1	IC40	*D3	R33	*L5	R126	*B1	R234	*B3	TP8	K1
C91	M2	C314	*D1	IC41	E5	R34	*J5	R127	*B1	R235	*D5	TP9	C3
C92	C1	C315	*C1	IC42	F4	R35	*K5	R128	*B1	R236	*A5	TP10	E5
C93	B1			IC43	F4	R36	*L5	R129	*C2				



DIF-40 -A SIDE-
1-660-084-14



DIF-40 -B SIDE-
1-660-084-14

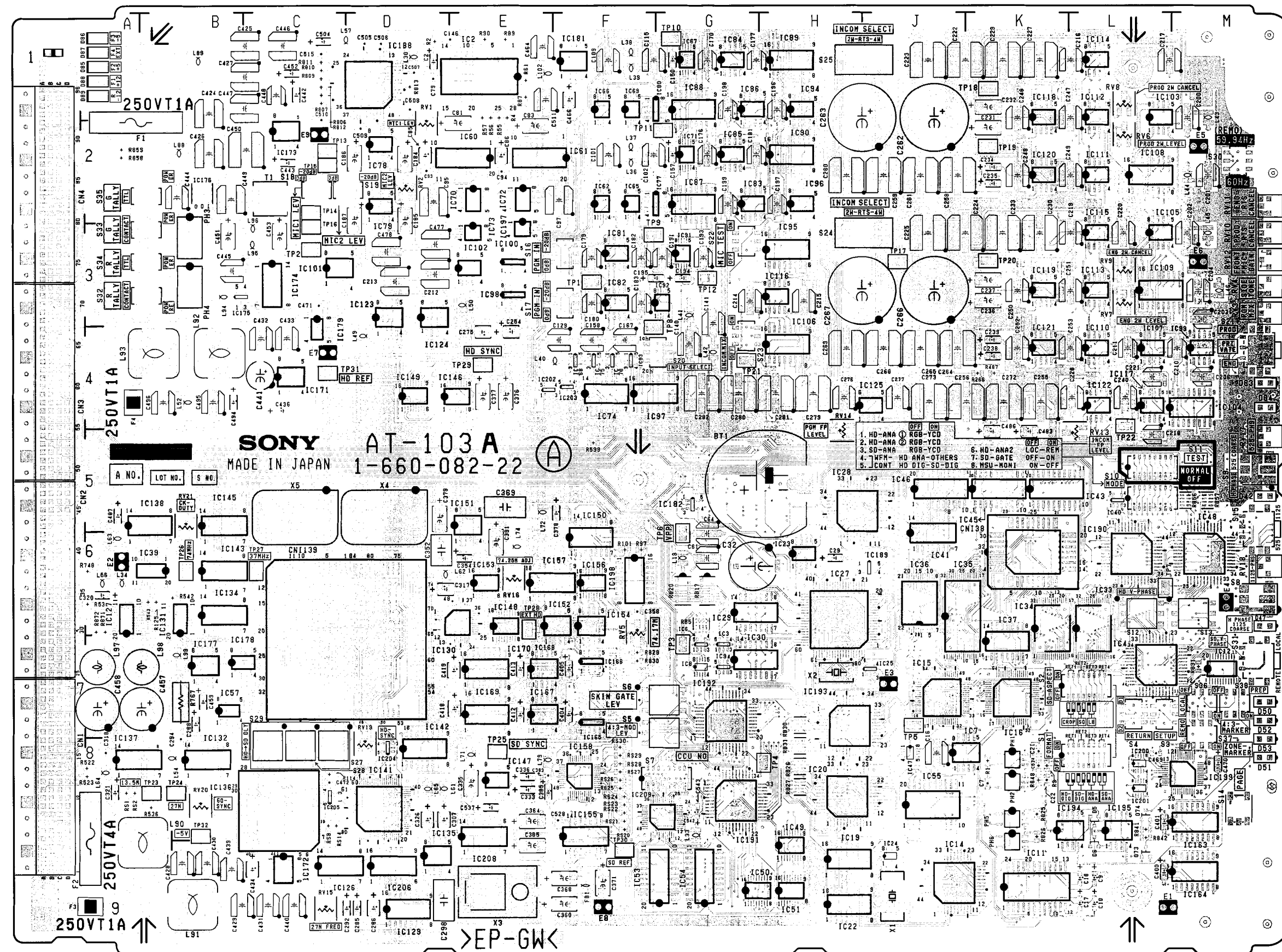
HDCU-700A (UC) : S/N 11023 and higher
HDCU-700A (J) : S/N 30021 and higher

AT-103A (1-660-082-22)

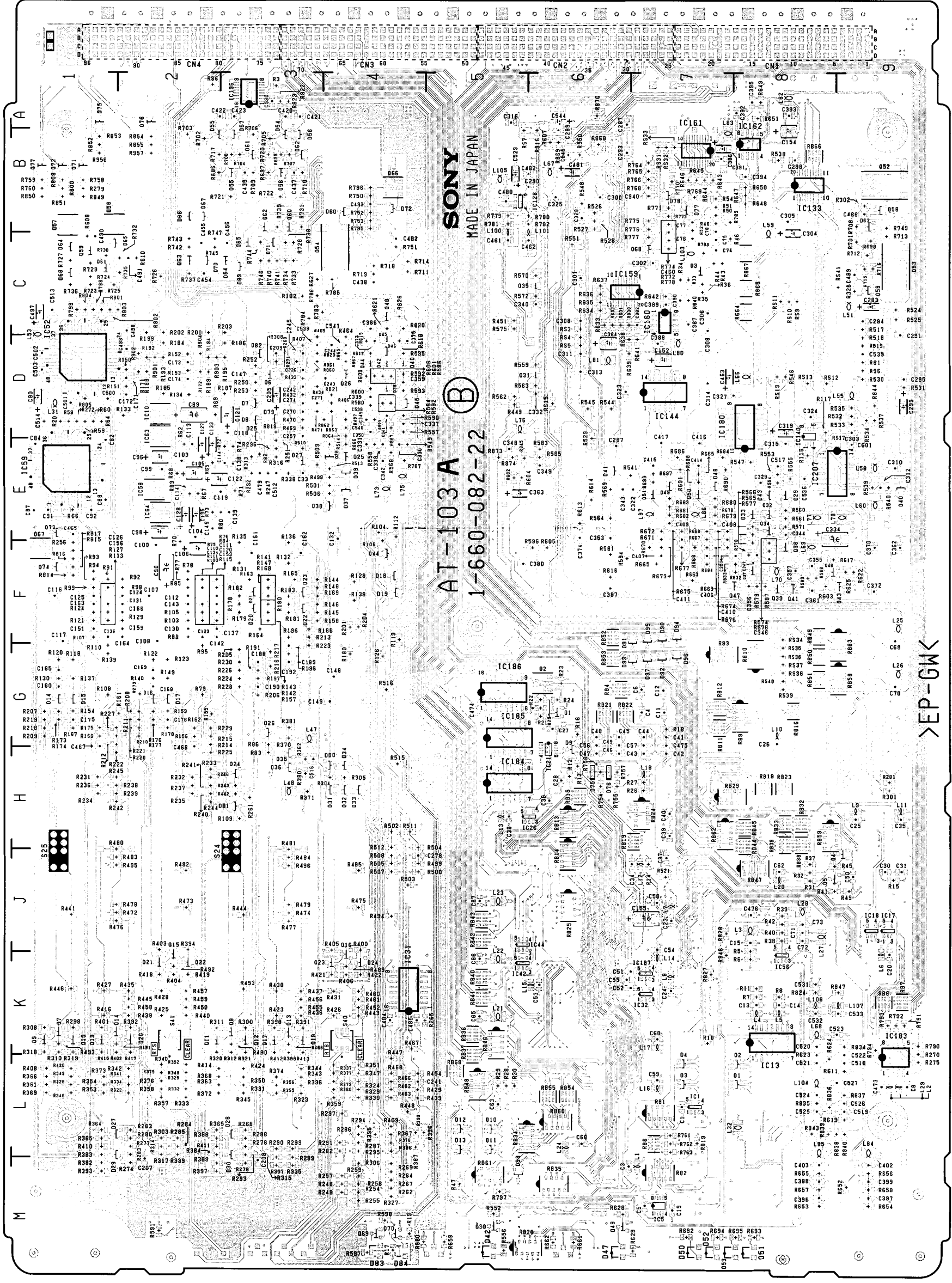
*:B SIDE

BT1	G5	C104	*E2	C209	*D3	C314	*D7	C419	E7	C524	*L8	D73	*E1	IC63	*D2	IC169	E7	L65	D8	Q55	*B3	R82	*E3	R187	*D3	R292	*E3	R397	*M2	R502	*H4	R608	*C1	R713	*C9	R818	*D3	RB44	*H8	S17	F3
C1	*L7	C105	*E2	C210	M4	C315	*E8	C420	*A3	C525	*L8	D74	*F1	IC64	*E2	IC170	E7	L66	D8	Q56	*B3	R83	*H3	R188	*D2	R293	*L3	R398	*K3	R503	*J4	R609	*D4	R714	*C4	R819	*L7	RB45	*H8	S18	C2
C2	D1	C106	*F2	C211	L4	C316	*A5	C421	*A3	C526	*L9	D75	*H6	IC65	F2	IC171	C4	L67	*B6	Q57	*B1	R84	*F2	R189	*D2	R294	*L4	R399	*K3	R504	*H4	R610	*C2	R715	*C9	R820	*D3	RB46	*K5	S19	D2
C3	*M6	C108	*F2	C213	D3	C318	A8	C423	*A3	C528	F8	D77	*B7	IC67	G1	IC173	C2	L69	*F8	Q59	*C1	R86	*G3	R191	*G3	R296	*E3	R401	*K1	R506	*E4	R612	*D4	R717	*B2	R822	*A3	RB48	*L5	S21	M4
C4	*G7	C109	F1	C214	G3	C319	*D8	C424	B1	C529	*B5	D78	*B7	IC68	F4	IC174	C3	L70	*F8	Q60	*B3	R87	E1	R192	*D2	R297	*L4	R402	*K1	R507	*J4	R613	*E6	R718	*C4	R823	*A3	RB49	*F8	S22	G3
C5	*M7	C110	*F2	C215	H3	C320	A6	C425	C1	C530	*A5	D79	*D3	IC69	F2	IC175	B3	L71	E8	Q61	*C1	R88	*F2	R193	*D2	R298	*K1	R403	*J2	R508	*J4	R614	*E6	R719	*C4	R824	*K8	RB50	*G8	S23	G4
C6	*G7	C111	*F2	C216	L1	C321	A8	C426	B2	C531	*K8	D80	*H4	IC70	E2	IC176	B2	L72	E5	Q62	*B3	R89	E1	R194	*D2	R299	*L3	R404	*K2	R509	*E3	R615	*D4	R720	*B3	R825	K8	RB51	*G8	S24	J3
C7	K8	C112	*F2	C217	L1	C322	*E7	C427	C1	C532	*K8	D81	*H3	IC71	G2	IC177	B7	L73	*E4	Q63	*C2	R90	E1	R195	*D3	R300	*K3	R405	*J4	R510	*E3	R616	*F6	R721	*B3	R826	K8	RB52	*F6	S25	J1
C8	*L9	C113	*E2	C218	L5	C323	*D6	C428	B9	C533	*K9	D82	*D3	IC72	E2	IC178	B7	L74	E6	Q64	*C3	R91	*F1	R196	*F3	R301	*B9	R406	*K4	R511	*H4	R617	*F8	R722	*B3	R827	*K7	RB53	*G6	S27	C8
C9	L9	C114	*E2	C219	L3	C324	*D8	C429	B9	C534	K8	D83	M4	IC73	E3	IC179	C3	L75	*E4	Q65	*C3	R92	*F2	R197	*G3	R302	*B9	R407	*D3	R512	*H4	R618	*L9	R723	*C1	R828	*J7	RB54	*L6	S28	C8
C10	L9	C115	F1	C220	L3	C325	*B6	C430	B9	C535	*D9	D84	M4	IC74	F4	IC180	*E8	L76	*D5	Q66	*B4	R93	*F1	R198	*G3	R303	*L2	R408	*L1	R513	*E4	R619	*L9	R724	*C1	R829	F7	RB55	*L6	S29	C8
C11	*G7	C116	*F1	C221	L4	C326	D8	C431	C9	C536	*E8	D85	A1	IC75	F4	IC181	F1	L77	*E8	Q67	*F1	R94	*F1	R199	*C2	R304	*H4	R409	*L4	R514	*E4	R620	*C4	R725	*C1	R830	F7	RB56	M5	S30	M2
C12	*G7	C117	*F1	C222	K1	C327	*D7	C432	C4	C537	E8	D86	A1	IC76	F4	IC182	G5	L78	*E9	Q68	*C7	R95	*G2	R200	*C2	R305	*H4	R410	*L1	R515	*H4	R621	*C4	R726	*C2	R831	M7	RB57	M5	S31	M7
C13	*K8	C118	*D3	C223	J1	C328	*B6	C433	C4	C538	*D4	D87	A1	IC77	G2	IC183	*L9	L79	E8	Q69	*M4	R96	*D9	R201	*F4	R306	*M4	R411	*L2	R516	*G4	R622	*F9	R727	*C1	R832	*F8	RB58	*G9	S32	B3
C14	*K8	C119	*E2	C224	K3	C329	*E8	C434	C9	C539	*D4	D88	A1	IC78	D2	IC184	*H5	L80	*D7	Q70	*M4	R97	F6	R202	*C2	R307	*M3	R412	*K3	R517	*C9	R623	*K8	R728	*C3	R833	*F8	RB59	*H8	S33	B3
C15	*J8	C120	*F2	C225	J3	C330	*E4	C435	*B3	C540	*D4	D89	A1	IC79	D2	IC185	*H5	L81	*D6	Q71	*B1	R98	*F2	R203	*C3	R308	*D3	R413	*K3	R518	*D9	R624	*L8	R729	*C1	R834	*K9	RB60	*L6	S34	B3
C16	J8	C121	*D3	C226	*D3	C331	*E4	C436	C4	C541	*D4	D90	*F7	IC80	G1	IC186	*H5	L82	*A8	Q72	*B1	R99	*F1	R204	*F4	R309	*K1	R414	*L2	R519	*D9	R625	*F9	R730	*C1	R835	*L8	RB61	*M5	S35	B2
C17	L9	C122	*E2	C227	K1	C332	*E4	C437	*C4	C542	G8	D91	*F7	IC81	F3	IC187	*K7	L83	*B7	Q73	L9	R100	*F2	R205	*G3	R310	*K1	R415	*K1	R521	*J7	R626	*C4	R731	*B3	R836	*L8	RB62	*H7	S36	M7
C18	L9	C123	*F2	C228	L4	C333	*E8	C438	*C4	C543	G8	D92	*G7	IC82	F3	IC188	D1	L84	*L9	Q74	L8	R101	F6	R206	*G3	R311	*K2	R416	*K1	R522	A8	R627	*C3	R732	*C2	R837	*L9	RB63	*G9	S37	M7
C19	*M7	C124	*F2	C229	K1	C334	*E8	C439	B9	C544	*A6	D93	*G7	IC83	G2	IC189	J6	L85	*L8	Q75	*A1	R102	*C3	R207	*G1	R312	*K3	R417	*K2	R523	A8	R628	*M6	R733	*C3	R838	*L8	RB64	*C8	S38	M7
C20	*K9	C125	*F1	C230	K3	C335	*E8	C440	C9	C545	*B6	D94	*F7	IC84	G1	IC190	L6	L86	*E7	Q76	*A2	R103	*F2	R208	*G2	R313	*E3	R418	*K2	R524	*C9	R629	*M7	R734	*C3	R839	*L8	RB65	*C8	S40	*K4
C21	K8	C126	*F1	C231	K2	C336	*E8	C441	C9	C546	*E9	D95	*F7	IC85	G2	IC191	G8	L87	*E7	Q77	*B1	R104	*E4	R209	*G1	R314	*L2	R419	*K2	R525	*C9	R630	*C6	R735	*C2	R840	*L9	RB66	*B8	S41	*K2
C22	K8	C127	*E2	C232	K1	C337	*D4	C442	C1	C547	*B7	D96	*G7	IC86	G2	IC192	G7	L88	B2			R105	*F2	R210	*G2	R315	*M3	R420	*L1	R526	*B6	R631	*C6	R736	*C1	R841	L8	RB67	*C8		
C23	*J7	C128	*E2	C233	K3	C338	*D4	C443	C2	C548		D97	*G7	IC87	H7	IC193	H7	L89	B1	R1	K8	R106	*F4	R211	*G1	R316	*E3	R421	*K4	R527	*B6	R632	*C6	R737	*C2	R842	L8	RB68	*L5	T1	C2
C24	*K7	C129	F4	C234	K2	C339	*D4	C444	B2	C549		D98	*M5	IC88	G2	IC194	H9	L90	B9	R2	D1	R107	*F1	R212	*G1	R317	*L2	R422	*K4	R528	*B6	R633	*C6	R738	*C3	R843	*L8				
C25	*H9	C130	*F2	C235	K2	C340	*C6	C445	B2	C550	A8			IC89	H1	IC195	L9	L91	B9	R3	*A3	R108	*G1	R213	*F3	R318	*K1	R423	*K3	R529	*D6	R634	*C6	R739	*B3	R844	*D9	RS1	A8	TP1	F3
C26	*G8	C131	*F2	C236	K3	C341	*D4	C446	C1	C551	A4	E1	L9	IC90	H2	IC196	*A3	L92	B4	R4	E1	R109	*H3	R214	*G2	R319	*K1	R424	*L3	R530	*D9	R635	*C6	R740	*C3	R845	*E5	RS2	A8	TP2	C3
C27	*G6	C132	*E4	C237	K3	C342	*D4	C447	C1	C552	A2	E2	A6	IC91	G3	IC197	E3	L93	B4	R5	*J8	R110	*G1	R215	*G2	R320	*K2	R425	*K2	R531	*D9	R636	*C6	R741	*C3	R846	*K7	RS3	*C6	TP3	G7
C28	*H6	C133	*E2	C238	K4	C343	*E6	C448	C1	C553	A2	E3	J7	IC92	G3	IC198	F6	L94	B3	R6	*K8	R111	*F2	R216	*G3	R321	*K3	R426	*K4	R532	*D9	R637	*C6	R742	*C2	R847	*K9	RS4	*D6	TP4	H8
C29	*H6	C134	*F2	C239	K4	C344	*E8	C449	B2	C554	K6	E4	M6	IC93	F4	IC199	M8	L95	C3	R7	*K8	R112	*E4	R217	*G3	R322	*L2	R427	*K1	R533	*D9	R638	*D6	R743	*C2	R848	K8	RS5	*D6	TP5	J7
C30	*J9	C135	*E2	C240	L4	C345	*D4	C450	C2	C555	C7	E5	M2	IC94	H2	IC200	L8	L96	C3	R8	*K8	R113	*F1	R218	*G1	R323	*L3	R428	*K2	R534	*D9	R639	*D6	R744	*C3	R849	*B1	RS6	*A2	TP6	G6
C31	*J9	C136	*F1	C241	*L4	C346	*F8	C451	B3	C556		E6	M3	IC95	H3	IC201	L8	L97	A7	R9	K8	R114	C8	R219	*G1	R324	*L4	R429	*L4	R535	*D9	R640	*C7	R745	*C2	R850	*B1	RS7	*B5	TP7	L6
C32	G6	C137	*F2	C242	*D3	C347	*F8	C452	C1	D1	*L8	F1	A2	IC96	H2	IC202	E4	L98	B7	R10	*K7	R115	*F2	R220	*G2	R325	*L2	R430	*K3	R536	B8	R641	*D7	R746	*C3	R851	*B1	RS8	C8	TP8	F4
C33	*E3	C138	*E3	C243	*D4	C348	*E5	C453	C3	D2	*L8	F2	A8	IC97	F4	IC203	F4	L99	B7	R11	*K8	R116	*E8	R221	*G2	R326	*C9	R431	*K4	R537	*D9	R642	*C7	R747	*C2	R852	*B1	RS9	*C8	TP9	F3
C34	*J7	C139	*E3	C244	*D4	C349	*E6	C454	*C2	D3	*L7	F3	A9	IC98	E3	IC204	D8	L100	*C5	R12	*H6	R117	*D8	R222	*H1	R327	*M4	R432	*D3	R538	B8	R643	*B7	R748	A6	R853	*B1	RS10	*C8	TP10	G1
C35	*H9	C140	G4	C245	*D3	C350	*D4	C455	*C2	D4	*L7	F4	A4	IC99	M4	IC205	C8	L101	*C5	R13	*H6	R118	*G1	R223	*G3	R328	*L1	R433	*D3	R539	*E9	R644	*B7	R749	*B9	R854	*B2	RS11	*C8	TP11	G2
C36	*H6	C141	G3	C246	K1	C351	*F8	C456	*C5	D5	*L8	F1	A2	IC100	E3	IC206	D9	L102	E1	R14	*J7	R119	*F4	R224	*G3	R329	*L4	R434	*D3	R540	*E9	R645	*B7	R750	*B4	R855	*B2	RS12	*D8	TP12	G3
C37	*J7	C142	*F2	C247	L1	C352	*D6	C457	*B7	D6	L9	F2	A8	IC101	C3	IC207	*E8	L103	*C7	R15	*J9	R120	*G1	R225	*H2	R330	*L4	R435	*K2	R541	*E6	R646	*B7	R751	*C4	R856	*B1	RS13	*D8	TP13	C2
C38	*H5	C143	*F2	C248	K2	C353	*E6	C458	A7	D7	*D3	F3	A9	IC102	E3	IC208	E9	L104	*L8	R16	*G6	R121	*F1	R226	*G3	R331	*L3	R436	*K3	R542	B6	R647	*B8	R752	*B4	R857	*B2	RS14	C8	TP14	C2
C39	*H7	C144	*E3	C249	L2	C354	*E6	C459	A7	D8	*D3	F4	A4	IC103	L2	IC209	G8	L105	*B5	R17	*M4	R																			

HDCU-700A (UC) : S/N 11023 and higher
HDCU-700A (J) : S/N 30021 and higher



AT-103A -A SIDE-
1-660-082-22

HDCU-700A (UC) : S/N 11023 and higher
HDCU-700A (J) : S/N 30021 and higher

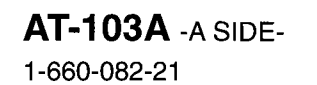
HDCU-700A (UC) : S/N 11001 through 11022
HDCU-700A (J) : S/N 30001 through 30020

AT-103A (1-660-082-21)

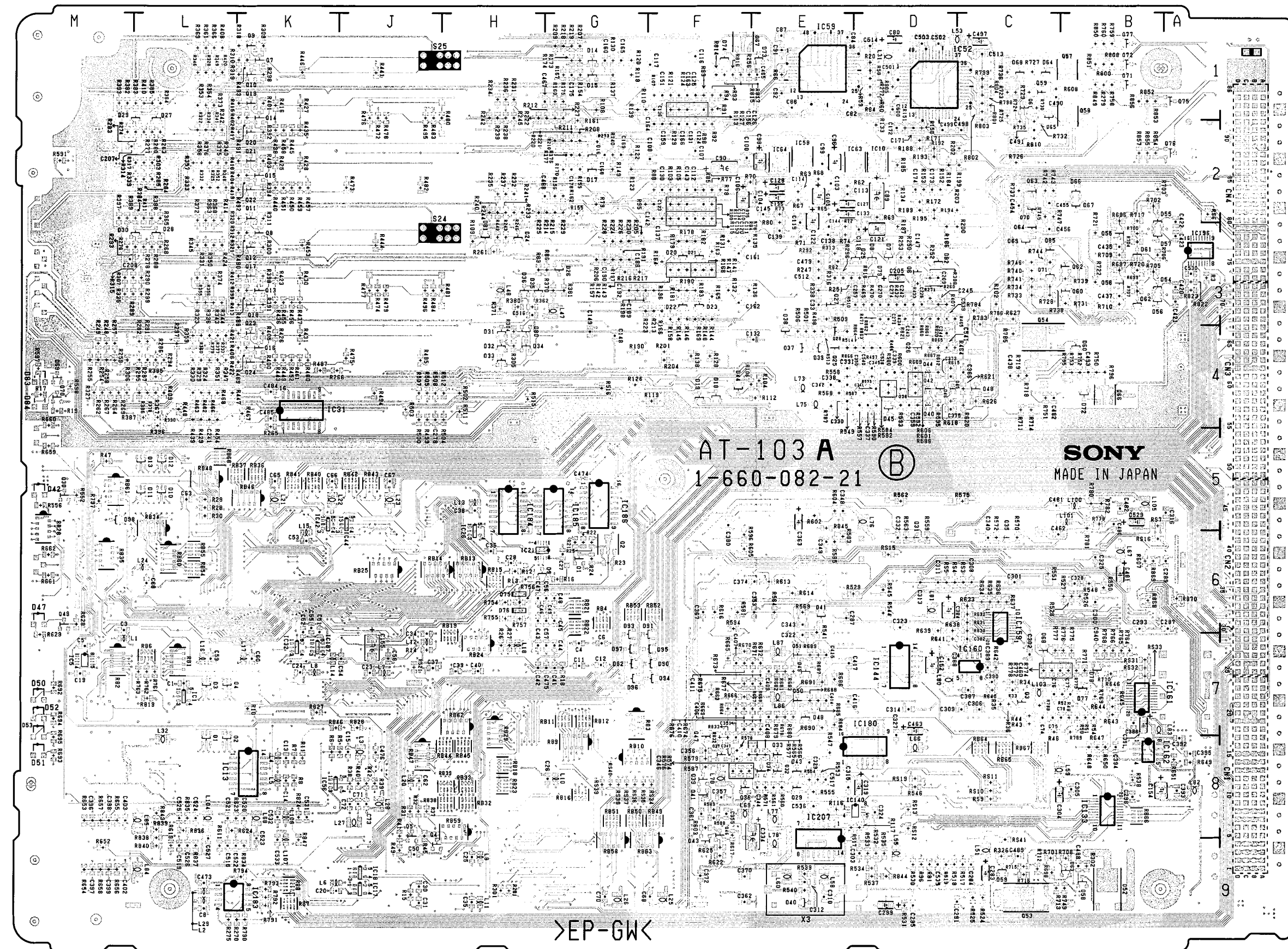
*:B SIDE

BT1	G5	C104	*E2	C209	*D3	C315	*E8	C420	*A3	C525	*L8	D77	*B7	IC67	G1	IC174	C3	L71	E8	Q61	*C1	R88	*F2	R193	*D2	R298	*K1	R403	*K2	R508	*J4	R614	*E6	R719	*C4	R824	*K8	RB56	M5	S31	M7
C1	*L7	C106	*E2	C210	M4	C316	*A5	C421	*A3	C526	*L9	D78	*B7	IC68	F4	IC175	B3	L72	E5	Q62	*B3	R89	E1	R194	*D2	R299	*L3	R404	*K2	R509	*E3	R615	*D4	R720	*B3	R825	K8	RB57	M5	S32	B3
C2	D1	C107	*F2	C211	L4	C317	D6	C422	*A2	C527	*L9	D79	*D3	IC69	F2	IC176	B2	L73	*E4	Q63	*C2	R90	E1	R195	*D2	R300	*K3	R405	*K4	R510	*E3	R616	*F6	R721	*B3	R826	K8	RB58	*G9	S33	B3
C3	*M6	C108	*F2	C212	D3	C318	A8	C423	*A3	C528	F8	D80	*H4	IC70	E2	IC177	B7	L74	E6	Q64	*C3	R91	*F1	R196	*F3	R301	*H9	R406	*K4	R511	*H4	R617	*F8	R722	*B3	R827	*K7	RB59	*H8	S34	B3
C4	*G7	C109	F1	C213	G3	C319	*D8	C424	B1	C529	*B5	D81	*H3	IC71	G2	IC178	B7	L75	*E4	Q65	*C3	R92	*F2	R197	*G3	R302	*B9	R407	*D3	R512	*H4	R618	*D4	R723	*C1	R828	*J7	RB60	*L6	S35	B2
C5	*M7	C110	*F2	C215	H3	C321	A8	C426	B2	C531	*K8	D83	M4	IC73	E3	IC180	*E8	L77	E8	Q67	*F1	R94	*F1	R199	*C2	R304	*H4	R409	*L4	R514	*E4	R620	*C4	R725	*C1	R830	F7	RB62	*H7	S37	M7
C6	*G7	C111	*F2	C216	L1	C322	*E7	C427	C1	C532	*K8	D84	M4	IC74	F4	IC181	F1	L78	*E9	Q68	*C7	R95	*G2	R200	*D3	R305	*H4	R410	*L1	R515	*H4	R621	*C4	R726	*C2	R831	M7	RB63	*G9	S38	M7
C7	K8	C112	*F2	C217	L1	C323	*D6	C428	B9	C533	*K9	D85	A1	IC75	F4	IC182	G5	L79	E8	Q69	*M4	R96	*D9	R201	*F4	R306	*M4	R411	*L2	R516	*G4	R622	*F9	R727	*C1	R832	*F8	RB64	*C8		
C8	*L9	C113	*E2	C218	L5	C324	*D8	C429	B9	C534	K8	D86	A1	IC76	F4	IC183	*L9	L80	*D7	Q70	*M4	R97	F6	R202	*C2	R307	*M3	R412	*K3	R517	*C9	R623	*K8	R728	*C3	R833	*F8	RB65	*C8	T1	C2
C9	L9	C114	*E2	C219	L3	C325	*B6	C430	B9	C535	*D9	D87	A1	IC77	G2	IC184	*H5	L81	*D6	Q71	*B1	R98	*F2	R203	*D2	R308	*D3	R413	*K3	R518	*D9	R624	*L8	R729	*C1	R834	*K9	RB66	*B8	TP1	F3
C10	L9	C115	F1	C220	L3	C326	D8	C431	C9	C536	*E8	D88	A1	IC78	D2	IC185	*H5	L82	*A8	Q72	*B1	R99	*F1	R204	*F4	R309	*K1	R414	*L2	R519	*D9	R625	*F9	R730	*C1	R835	*L8	RB67	*C8	TP2	C3
C11	*G7	C116	*F1	C221	L4	C327	*D7	C432	C4	C537	E8	D89	A1	IC79	D2	IC186	*G5	L83	*B7	Q73	L9	R100	*F2	R205	*G3	R310	*K1	R415	*K1	R521	*J7	R626	*C4	R731	*B3	R836	*L8	RB68	*L5	TP3	G7
C12	*G7	C117	*F1	C222	K1	C328	*B6	C433	C4	C538	*D4	D90	*F7	IC80	G1	IC187	*K7	L84	*B9	Q74	L8	R101	F6	R206	*G3	R311	*K2	R416	*K1	R522	A8	R627	*C3	R732	*C2	R837	*L9	TP4	H8		
C13	*K8	C118	*D3	C223	J1	C329	*E8	C434	C9	C539	*D3	D91	*F7	IC81	F3	IC188	D1	L85	*L8	Q75	*A1	R102	*C3	R207	*G1	R312	*K3	R417	*K2	R523	A8	R628	*M6	R733	*C3	R838	*L8	RS1	A8	TP5	J7
C14	*K8	C119	*E2	C224	K3	C330	*E4	C435	*B3	C540	*D4	D92	*G7	IC82	F3	IC189	J6	L86	*E7	Q76	*A2	R103	*F2	R208	*G2	R313	*E3	R418	*K2	R524	*C9	R629	*M7	R734	*C3	R839	*L8	RS2	A8	TP6	G6
C15	*J8	C120	*F2	C225	J3	C331	*E4	C436	C4	C541	*D4	D93	*G7	IC83	G2	IC190	L6	L87	*E7	Q77	*B1	R104	*F4	R209	*G1	R314	*L2	R419	*K2	R525	*C9	R630	*C6	R735	*C2	R840	*L9	RS3	*C6	TP7	L6
C16	J8	C121	*D3	C226	*D3	C332	*D6	C437	*B3	C542	G8	D94	*F7	IC84	G1	IC191	G8	L88	B2			R105	*E2	R210	*G2	R315	*M3	R420	*L1	R526	*B6	R631	*C6	R736	*C1	R841	L8	RS4	*D6	TP8	F4
C17	L9	C122	*F2	C227	K1	C333	E8	C438	*C4	C543	G8	D95	*F7	IC85	G2	IC192	G7	L89	B1	R1	K8	R106	*F4	R211	*G1	R316	*E3	R421	*K4	R527	*B6	R632	*C6	R737	*C2	R842	L8	RS5	*A2	TP9	F3
C18	L9	C123	*E2	C228	L4	C334	*E8	C439	B9	C544	*B7	D96	*G7	IC86	G2	IC193	H7	L90	B9	R2	D1	R107	*F1	R212	*G1	R317	*L2	R422	*K4	R528	*B6	R633	*C6	R738	*C3	R843	*L8	RS6	*D6	TP10	G1
C19	*M7	C124	*F2	C229	K1	C335	E8	C440	C9	C545	E8	D97	*G7	IC87	G2	IC194	K9	L91	B9	R3	*A3	R108	*G1	R213	*F3	R318	*K1	R423	*K3	R529	*D6	R634	*C6	R739	*B3	R844	*D9	RS7	*B5	TP11	G2
C20	*K9	C125	*F1	C230	K3	C336	E8	C441	C4	CN1	A8	D98	*M5	IC88	G2	IC195	L9	L92	B4	R4	E1	R109	*H3	R214	*G2	R319	*K1	R424	*L3	R530	*D9	R635	*C6	R740	*C3	R845	*E5	RS8	C8	TP12	G3
C21	K8	C126	*F1	C231	K2	C337	*D4	C442	C1	CN2	A6			IC89	H1	IC196	*A3	L93	B4	R5	*J8	R110	*G1	R215	*G2	R320	*K2	R425	*K2	R531	*D9	R636	*C6	R741	*C3	R846	*K7	RS9	*C8	TP13	C2
C22	K8	C127	*E2	C232	K1	C338	*E4	C443	C2	CN3	A4	E1	L9	IC90	H2	IC197	*E3	L94	B3	R6	*K8	R111	*F2	R216	*G3	R321	*K3	R426	*K4	R532	*D9	R637	*C6	R742	*C2	R847	*K9	RS10	*C8	TP14	C3
C23	*J7	C128	*E2	C233	K3	C339	*D4	C444	B2	CN4	A2	E2	A6	IC91	G3	IC198	F6	L95	C3	R7	*K8	R112	*F4	R217	*G3	R322	*L2	R427	*K1	R533	*D9	R638	*D6	R743	*C2	R848	K8	RS11	*C8	TP15	C2
C24	*K7	C129	F4	C234	K2	C340	*C6	C445	B3			E3	J7	IC92	G3	IC199	M8	L96	C3	R8	*K8	R113	*E1	R218	*G1	R323	*L3	R428	*K2	R534	*D9	R639	*D6	R744	*C3	R849	*B1	RS12	*D8	TP16	C2
C25	*H9	C130	*F2	C235	K2	C341	*D4	C446	C1	CNI38	K6	E4	M6	IC93	F4	IC200	L8	L97	A7	R9	K8	R114	*C8	R219	*G1	R324	*L4	R429	*L4	R535	*D9	R640	*C7	R745	*C2	R850	*B1	RS13	*D8	TP17	J3
C26	*G8	C131	*F2	C236	K3	C342	*E4	C447	C1	CNI139	C7	E5	M2	IC94	H2	IC201	L8	L98	B7	R10	*K7	R115	*F2	R220	*G2	R325	*L2	R430	*K3	R536	B8	R641	*D7	R746	*C3	R851	*B1	RS14	C8	TP18	K1
C27	*G6	C132	*E4	C237	K3	C343	*E6	C448	C1			E6	M3	IC95	H3	IC202	E4	L99	B7	R11	*K8	R116	*E8	R221	*G2	R326	*C9	R431	*K4	R537	*D9	R642	*C7	R747	*C2	R852	*B1	RS15	*D6	TP19	K2
C28	*H6	C133	*E2	C238	K4	C344	*E8	C449	B2	D1	*L8	E7	C4	IC96	H2	IC203	F4	L100	*B5	R12	*H6	R117	*D8	R222	*H1	R327	*M4	R432	*D3	R538	*B8	R643	*B7	R748	A6	R853	*B1	RS16	*B6	TP20	K3
C29	H6	C134	*F2	C239	K4	C345	*D4	C450	C2	D2	*L8	E8	F9	IC97	F4	IC204	D8	L101	*B5	R13	*H6	R118	*G1	R223	*G3	R328	*L1	R433	*D3	R539	*E9	R644	*B7	R749	*B9	R854	*B2	RS17	*E8	TP21	G4
C30	*J9	C135	*E2	C240	L4	C346	*F8	C451	B3	D3	*L7	E9	C2	IC98	E3	IC205	C8	L102	E1	R14	*J7	R119	*F4	R224	*G3	R329	*L4	R434	*D3	R540	*E9	R645	*B7	R750	*B4	R855	*B2	RS19	*D8	TP22	L4
C31	*J9	C136	*F1	C241	*L4	C347	*F8	C452	C1	D4	*L7	F1	A2	IC99	M4	IC206	D9	L103	*C7	R15	*J9	R120	*G1	R225	*H2	R330	*L4	R435	*K2	R541	*E6	R646	*B7	R751	*C4	R856	*B1	RS20	F8	TP23	B8
C32	G6	C137	*F2	C242	*D3	C348	*E5	C453	C3	D5	L8	F2	A8	IC100	E3	IC207	*E8	L104	*C8	R16	*G6	R121	*F1	R226	*G3	R331	*L3	R436	*K3	R542	B6	R647	*B8	R752	*B4	R857	*B2	RS21	F8	TP24	B8
C33	*E3	C138	*E3	C243	*D4	C349	*E6	C454	*C2	D6	L9	F3	A9	IC101	C3	IC208	E9	L105	*B5	R17	*M4	R122	*G2	R227	*G1	R332	*L2	R437	*K3	R543	B6	R648	*B8	R753	*B4	R858	A2	RS22	F8	TP25	E8
C34	*J7	C139	*E3	C244	*D4	C350	*D4	C455	*C2	D7	*D3	F3	A9	IC102	E3	IC209	G8	L106	*K8	R18	*G7	R123	*G2	R228	*G3	R333	*L2	R438	*K2	R544	*D6	R649	*A8	R754	*H6	R859	A2	RS23	F8	TP26	B6
C35	*H9	C140	G4	C245	*D3	C351	*F8	C456	*C3	D8	*D3	F4	A4	IC103	L2			L107	*K9	R19	*M4	R124	*F1	R229	*G2	R334	*L2	R439	*L4	R545	*D6	R650	*B8	R755	*H6	R860	*D3	RS24	F8	TP27	C6
C36	*H6	C141	G3	C246	K1	C352	D6	C457	B7	D9	*H6	FB1	F9	IC104	M4	L1	*M7			R20	*D1	R125	B6	R230	*G3	R335	*M3	R440	*K2	R546	*D8	R651	*A8	R756	*H6	R861	*D3	RS25	F8	TP28	E6
C37	*J7	C142	*F2	C247	L1	C353	*E6	C458	A7	D10	*L5			IC105	L3	L2	*J9	PH1	K8	R21	*G6	R126	*G4	R231	*H1	R336	*L3	R441	*J1	R547	*E8	R652	*M9	R757	*H6	R862	*D4	RS26	F8	TP29	E4
C38	*H5	C143	*F2	C248	K2	C354	B6	C459	B7	D11	*L5			IC106	H4	L3	*L8	PH2	K8	R22	*G6	R127	*F1	R232	*H2	R337	*L4	R442	*H3	R548	*B6	R653	*M8	R758	*B1	R863	*D4	RS27	F8	TP30	F9
C39	*H7	C144	*E3	C249	L2	C355	*F8	C460	*C7	D12	*L5	IC1	*L7	IC107	L4	L4	*K8	PH3	B3	R23	*G6	R128	*F4	R233	*H2	R338	*E3	R443	*K4	R54											

HDCU-700A (UC) : S/N 11001 through 11022
HDCU-700A (J) : S/N 30001 through 30020

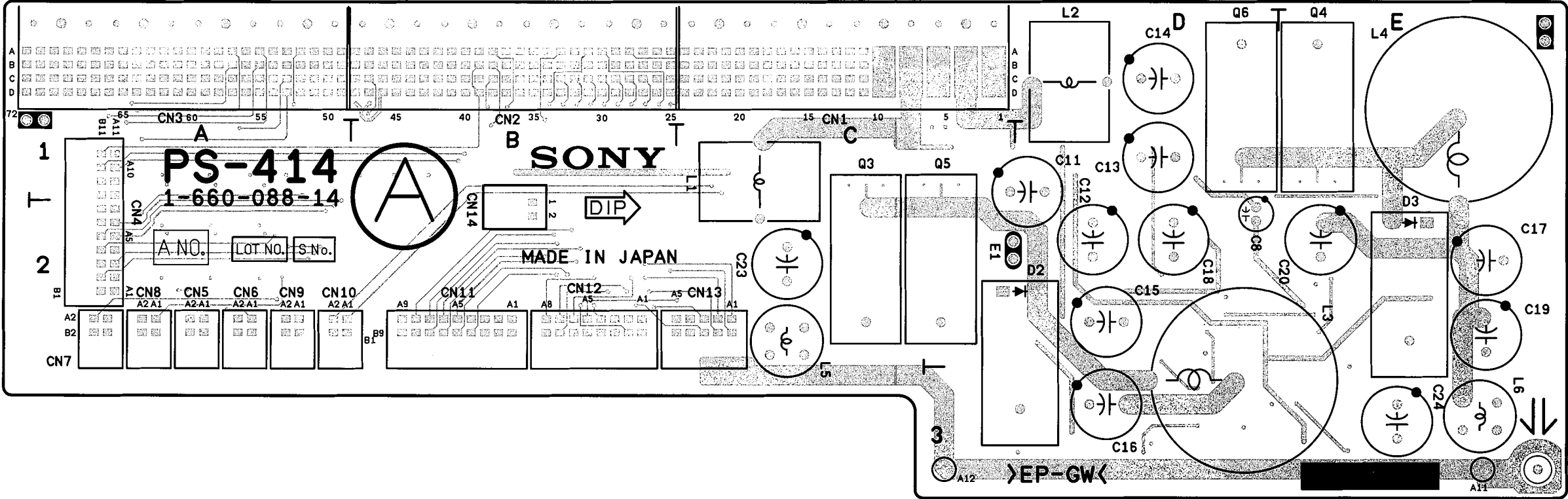


HDCU-700A (UC) : S/N 11001 through 11022
HDCU-700A (J) : S/N 30001 through 30020

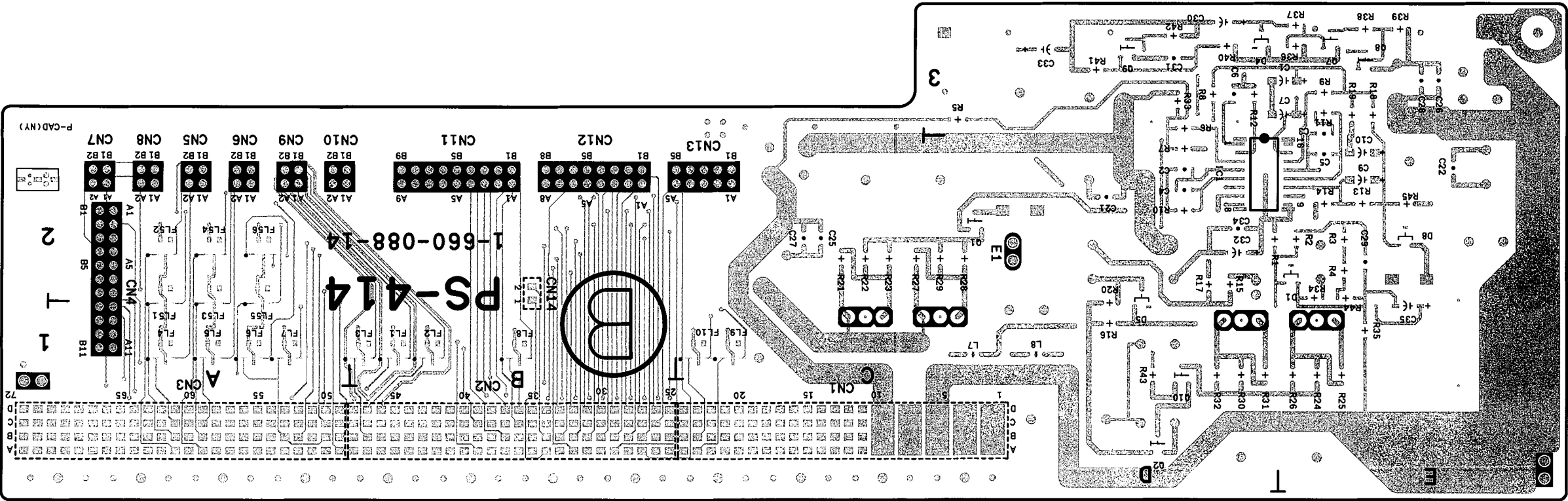


AT-103A -B SIDE-
1-660-082-21

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher



PS-414 -A SIDE-
1-660-088-14



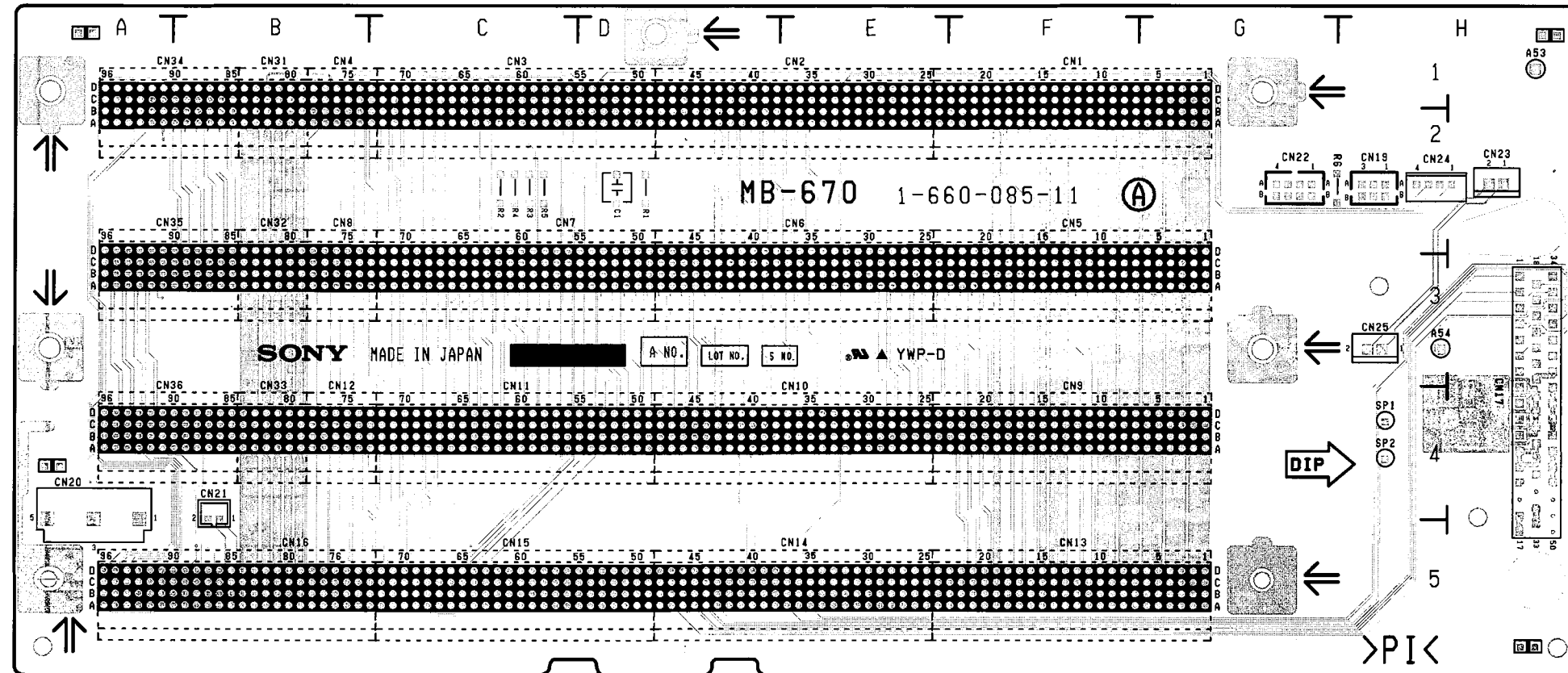
PS-414 -B SIDE-
1-660-088-14

PS-414 (1-660-088-14)

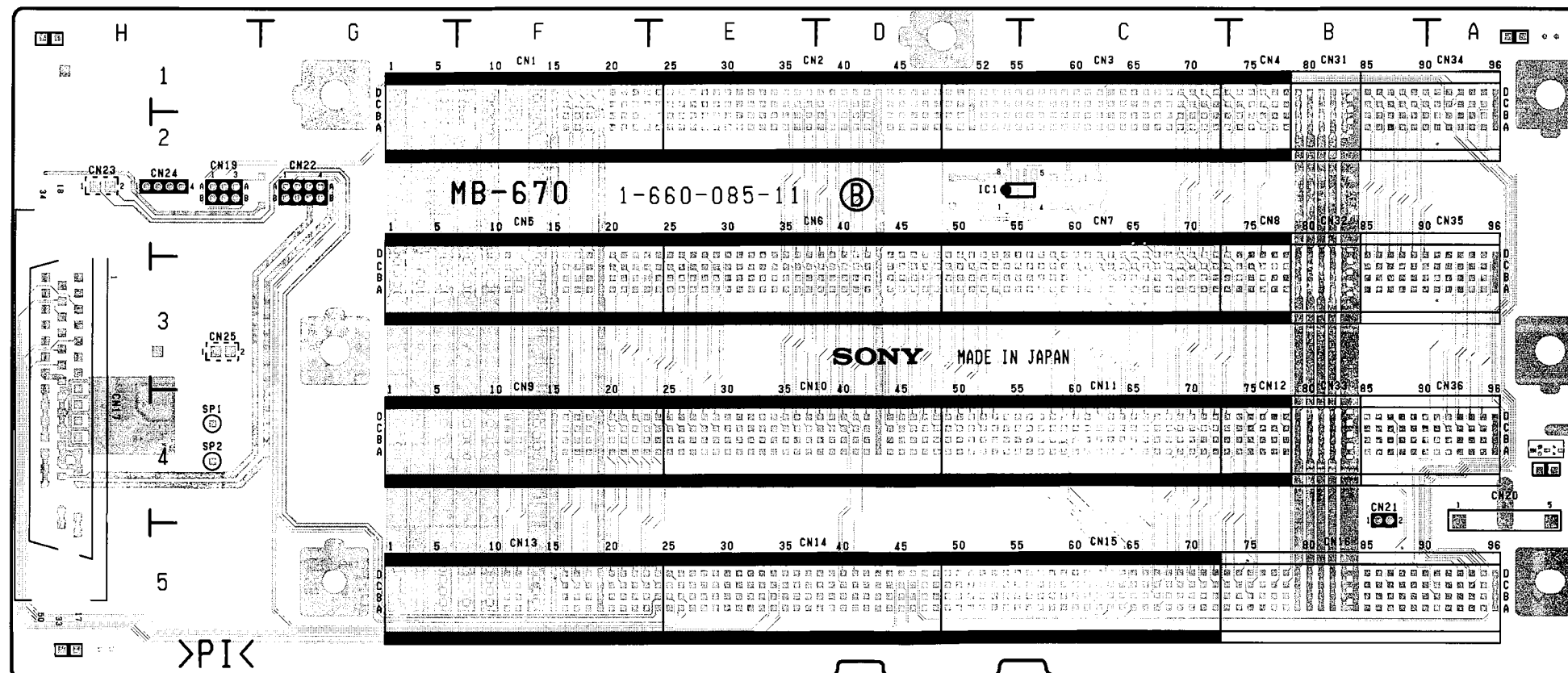
*:B SIDE

A11	E3	Q1	*C2
A12	C3	Q2	*D1
		Q3	C1
C1	*E3	Q4	E1
C2	*D2	Q5	C1
C3	*E3	Q6	D1
C4	*D2	Q7	*E3
C5	*E2	Q8	*E3
C6	*D3	Q9	*D3
C7	*E3	Q10	*D1
C8	D2		
C9	*E2	R1	*D2
C10	*E2	R2	*E2
C11	D1	R3	*E2
C12	D2	R4	*E2
C13	D1	R5	*C3
C14	D1	R6	*D3
C15	D2	R7	*D2
C16	D3	R8	*D3
C17	E2	R9	*E3
C18	D2	R10	*D2
C19	E2	R11	*E3
C20	E2	R12	*D3
C21	*D2	R13	*E2
C22	*E2	R14	*E2
C23	C2	R15	*D2
C24	E3	R16	*D1
C25	*C2	R17	*D2
C26	*E3	R18	*E3
C27	*C2	R19	*E3
C28	*E3	R20	*D1
C29	*E2	R21	*C2
C30	*D3	R22	*C2
C31	*D3	R23	*C2
C32	*D2	R24	*E1
C33	*D3	R25	*E1
C34	*D2	R26	*E1
C35	*E1	R27	*C2
		R28	*C2
CN1	C1	R29	*C2
CN2	B1	R30	*D1
CN3	A1	R31	*D1
CN4	A2	R32	*D1
CN5	A2	R33	*D3
CN6	A2	R34	*E2
CN7	A2	R35	*E1
CN8	A2	R36	*E3
CN9	A2	R37	*E3
CN10	A2	R38	*E3
CN11	B2	R39	*E3
CN12	B2	R40	*D3
CN13	C2	R41	*D3
CN14	B2	R42	*D3
		R43	*D1
D1	*E2	R44	*E2
D2	D2	R45	*E2
D3	E2		
D4	*D3		
D5	*D2		
D8	*E2		
E1	C2		
FL1	*B1		
FL2	*B1		
FL3	*B1		
FL4	*A1		
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FL8	*B1		
FL9	*C1		
FL10	*C1		
FL11	*A2		
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FL52	*A2		
FL53	*A2		
FL54	*A2		
FL55	*A2		
FL56	*A2		
IC1	*D2		
L1	C1		
L2	D1		
L3	D3		
L4	E2		
L5	C2		
L6	E3		
L7	*C1		
L8	*D1		

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

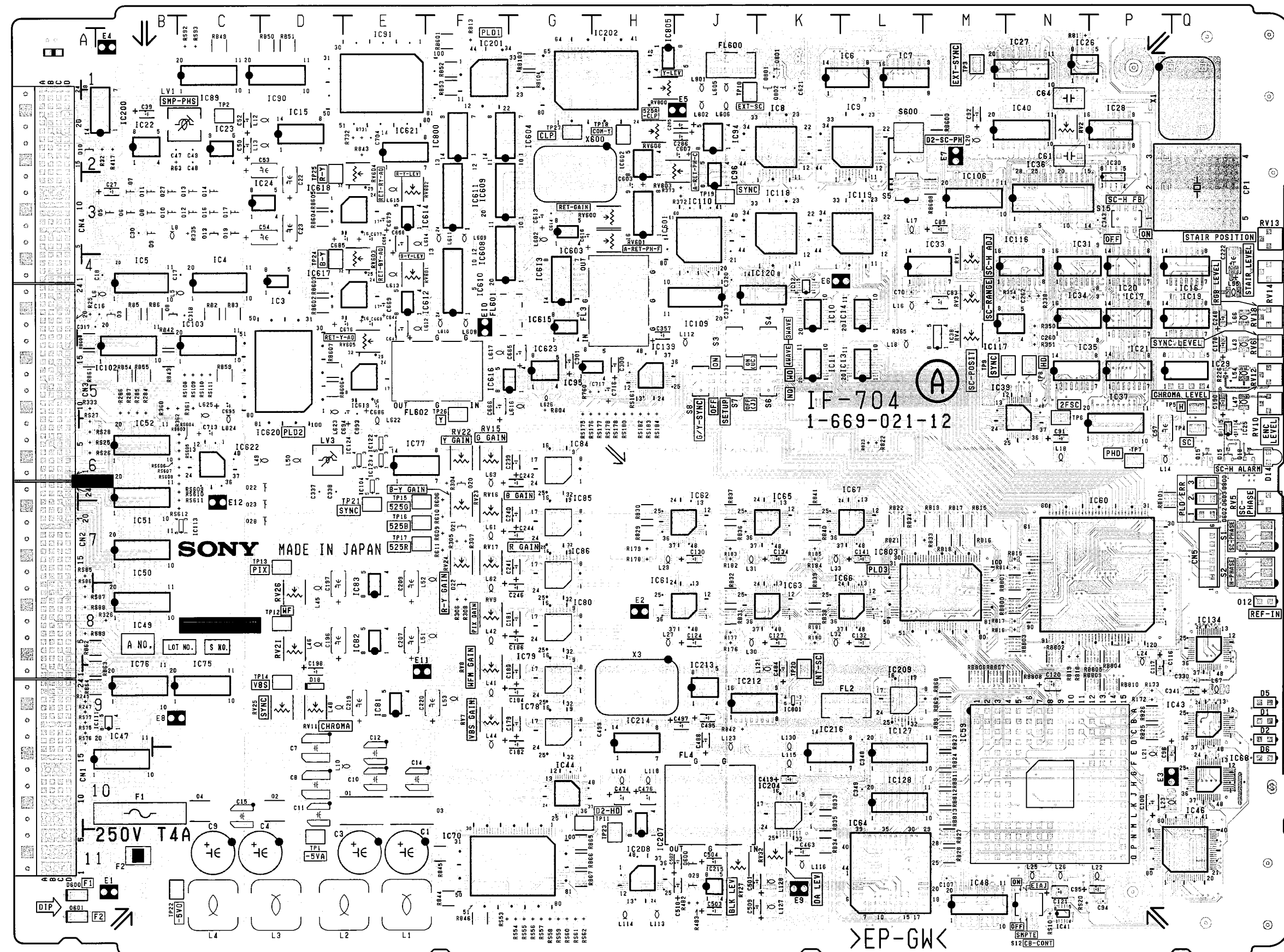


MB-670 -A SIDE-
1-660-085-11



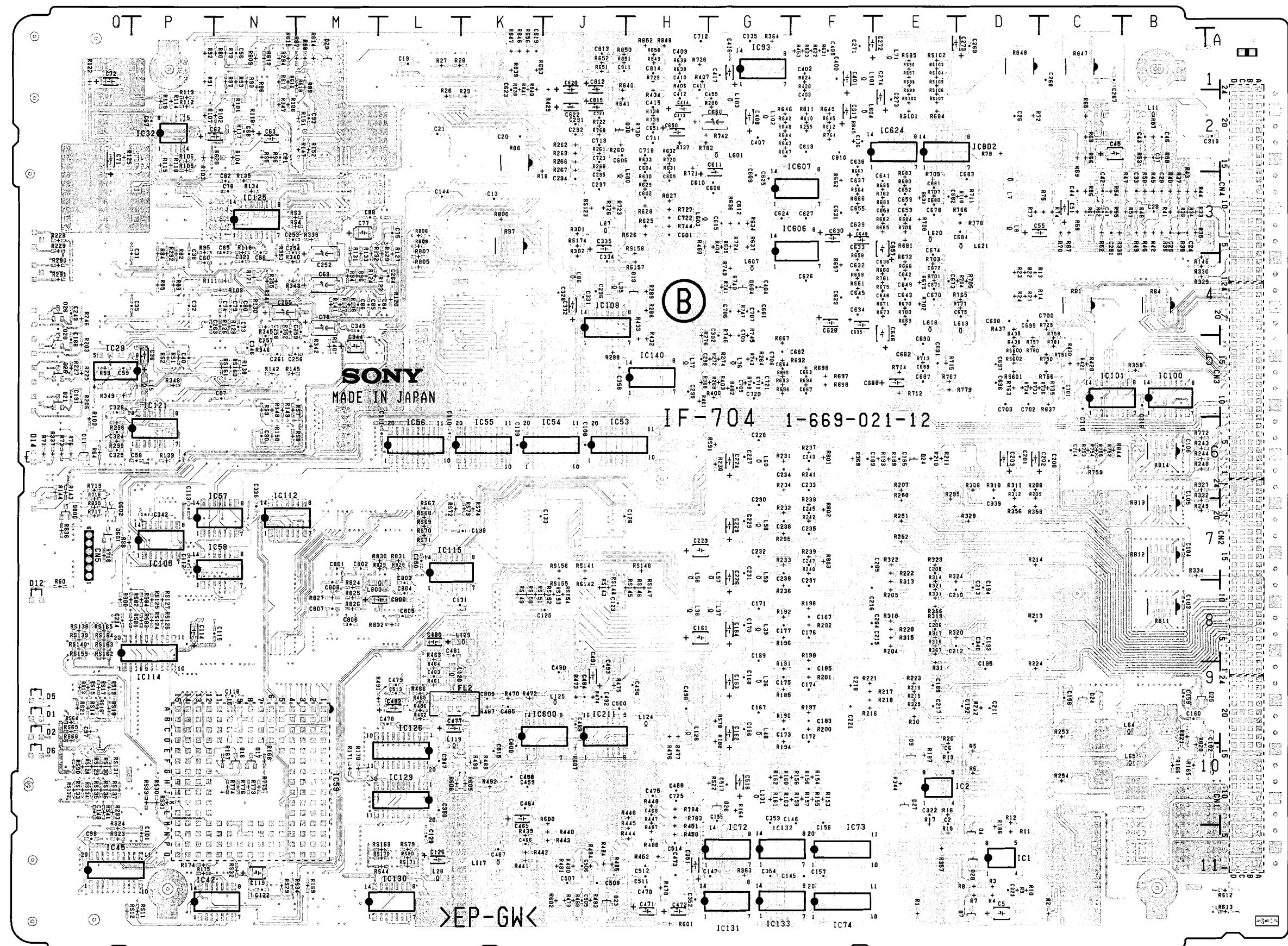
MB-670 -B SIDE-
1-660-085-11

HDCU-700A (UC) : S/N 11023 and higher
HDCU-700A (J) : S/N 30026 and higher



IF-704 -A SIDE-
1-669-021-12

HDCU-700A (UC) : S/N 11023 and higher
HDCU-700A (J) : S/N 30026 and higher



IF-704 -B SIDE-
1-669-021-12

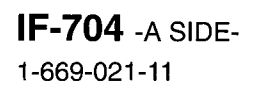
HDCU-700A (UC) : S/N 11023 and higher
HDCU-700A (J) : S/N 30026 and higher

IF-704 (1-669-021-12)

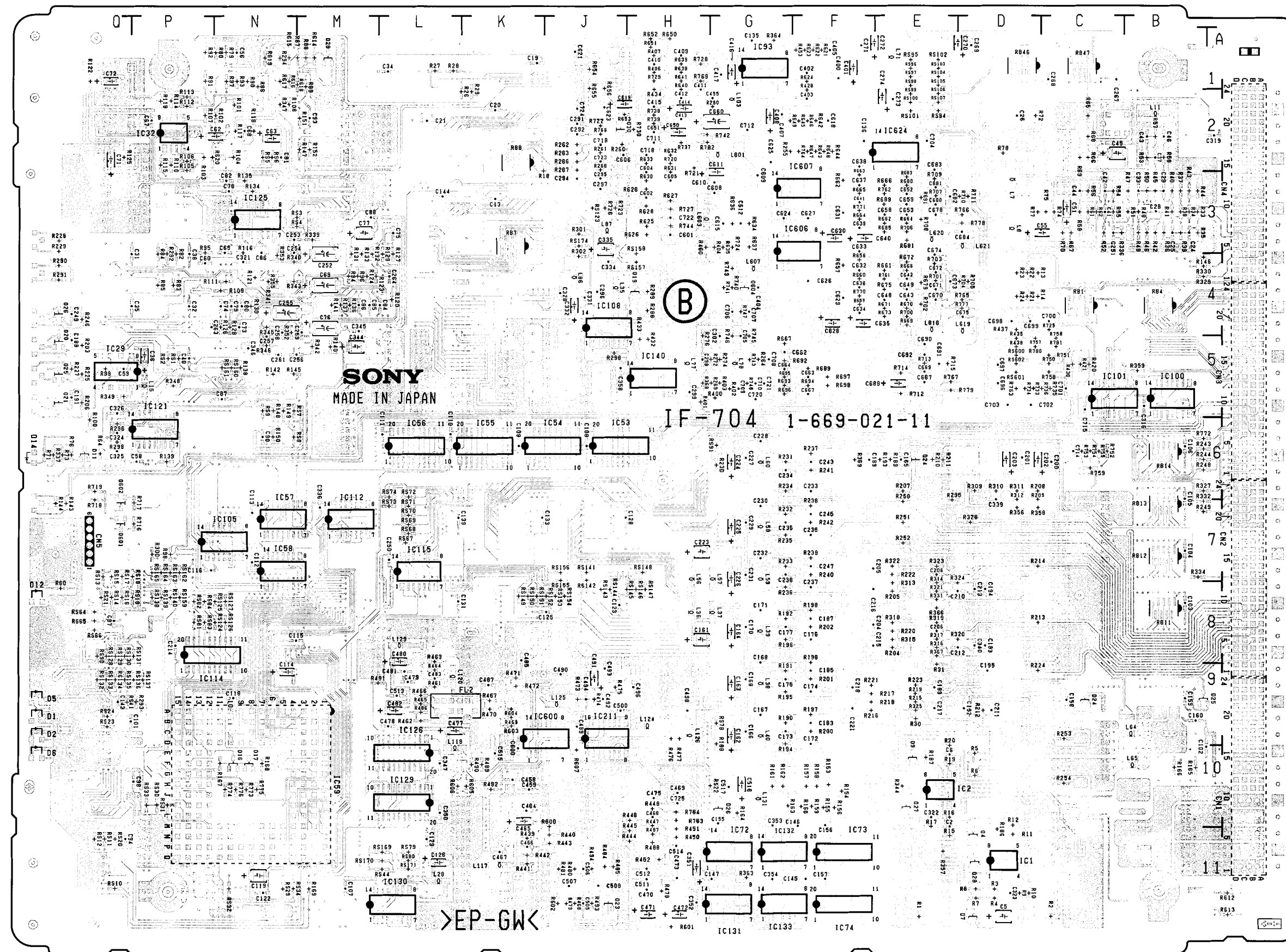
*:B SIDE

C1	E11	C110	*L6	C228	*G6	C411	*H2	C643	*E4	D1	Q9	IC49	B8	IC616	G5	L130	K10	R35	*B3	R142	*N5	R249	*B7	R401	*H5	R644	*G2	R761	*E4	RB35	K10	RS66	*Q9	RS604	C6	
C2	*E10	C111	*L6	C229	*G7	C412	*H2	C644	E4	D2	Q9	IC50	B7	IC617	E4	L131	*G10	R36	*B3	R143	*Q6	R250	*E7	R402	*G5	R645	*F2	R762	*E3	RB36	J7	RS67	*L7	RS605	C6	
C3	E11	C112	*P7	C230	*G7	C413	*H2	C645	*F4	D3	B4	IC51	B7	IC618	E3	L600	*J3	R37	*B3	R144	*Q6	R251	*E7	R403	*G3	R646	*G2	R763	*D5	RB37	J7	RS68	*L7	RS606	C6	
C4	C11	C113	*P7	C231	*G7	C414	*H2	C646	*E4	D4	*D11	IC52	B6	IC619	E5	L601	*G2	R38	*B3	R145	*N5	R252	*E7	R404	*G5	R647	*F2	R764	*D5	RB38	K8	RS69	*L7	RS607	C6	
C5	*D11	C114	*P8	C232	*G7	C415	*H2	C647	E4	D5	Q9	IC53	*J6	IC620	D5	L602	G3	R39	*B3	R146	*B4	R253	*C9	R405	*H2	R648	*G2	R765	*D5	RB39	K8	RS70	*L7	RS608	C6	
C6	*E10	C115	*N8	C233	*F6	C416	*G1	C648	*E4	D6	Q10	IC54	*J6	IC621	E2	L603	*H3	R40	*B3	R147	*M2	R254	*C10	R407	*H1	R649	*G2	R766	*D3	RB40	K7	RS71	*L7	RS609	C6	
C7	D10	C116	P9	C234	*G6	C417	*G1	C649	*E4	D7	*D11	IC55	*L6	IC622	C6	L604	*F2	R41	*B3	R148	*N5	R255	*F2	R417	B2	R650	*H1	R767	*E5	RB41	K7	RS72	*L7	RS610	C6	
C8	D10	C117	P9	C235	*G7	C419	K10	C650	*H2	D8	B4	IC56	*L6	IC623	G5	L605	J1	R42	*B3	R149	*N5	R260	*J2	R420	*C5	R651	*J1	R768	*J2	RB42	B5	RS73	*K7	RS611	C6	
C9	C11	C118	*N9	C236	*G7	C455	*G2	C651	*H2	D9	*E10	IC57	*P7	IC624	*E2	L606	J2	R43	*B3	R150	*N6	R261	*J2	R421	*C5	R652	*J1	R772	*B6	RB43	B5	RS74	*K7	RS612	C7	
C10	E10	C119	*N11	C237	*F8	C458	*K10	C652	*E3	D10	A2	IC58	*P8	IC800	F2	L607	*G4	R44	*B3	R151	*M2	R262	*J2	R428	*F2	R653	*K1	R773	*N10	RB44	F11	RS75	A9			
C11	D10	C120	N9	C238	*G7	C459	*K10	C653	*E3	D11	*Q6	IC59	N10	IC801	K9	L608	F4	R45	*B3	R152	*M2	R263	*J2	R429	*J1	R656	*K1	R774	*N10	RB45	F11	RS76	A9	RV1	M4	
C12	E10	C121	N11	C239	G6	C463	K11	C654	E3	D12	Q8	IC60	P7	IC802	*E2	L609	F3	R46	*B3	R153	*F10	R264	*G5	R430	*C5	R657	*F4	R775	*N10	RB46	F11	RS77	A9	RV2	N2	
C13	*K3	C122	*N11	C240	G7	C464	*K10	C655	*F3	D13	C3	IC61	J8	IC803	M8	L610	F4	R47	*B3	R154	*F10	R266	*J2	R432	*H5	R658	*F4	R776	*N10	RB47	*C1	RS78	*G9	RV3	M4	
C14	E10	C123	*J8	C241	G7	C465	*K10	C656	E3	D14	Q6	IC62	J7	IC805	H1	L611	F3	R48	*B3	R155	*F10	R267	*J2	R433	*H5	R659	*F4	R777	*D4	RB48	*D1	RS79	*L11	RV4	M5	
C15	C10	C124	J8	C242	G6	C466	*K11	C657	*E3	D15	Q6	IC63	K8			L612	E4	R49	*B3	R156	*F10	R268	*J2	R434	*H2	R660	*E4	R778	*D3	RB49	C1	RS80	*L11	RV5	Q7	
C16	B4	C125	*J8	C243	*F6	C467	*K11	C658	*E3	D16	*N10	IC64	L11	L1	E11	L613	E4	R50	*B3	R157	*F10	R269	*G5	R435	*D5	R661	*F4	R779	*E5	RB50	D1	RS81	*P8	RV6	Q5	
C17	C4	C126	*L11	C244	G7	C468	*K10	C659	*E3	D17	*N10	IC65	K7	L2	D11	L614	E3	R51	*B3	R158	*F10	R272	*G5	R437	*D4	R662	*F3	R780	*D5	RB51	D1	RS82	*P8	RV7	F9	
C18	B4	C127	K8	C245	*F7	C469	*H10	C660	*G2	D18	D9	IC66	L8	L3	D11	L615	E3	R52	*C3	R159	*F10	R274	*G5	R438	*D5	R663	*F3	R781	*C5	RB52	F1	RS83	*P8	RV8	F9	
C19	*L1	C128	*J7	C246	G8	C470	*H11	C661	*G5	D19	*H4	IC67	L7	L4	C11	L616	G5	R53	*B2	R160	*G10	R276	*H5	R439	*K11	R664	*F3	R782	*H2	RB53	F1	RS84	*P8	RV9	F8	
C20	*K2	C129	*L11	C247	*F7	C471	*H11	C662	*G5	D20	F6	IC68	Q10	L5	C4	L617	F5	R54	*C3	R161	*G10	R280	*G2	R440	*J11	R665	*E3	R783	*H10	RB54	B5	RS85	A7	RV10	Q5	
C21	*L2	C130	J7	C248	Q4	C472	*H11	C663	*F5	D21	F7	IC70	G11	L6	B4	L618	*E4	R55	*C3	R162	*G10	R284	B5	R441	*K11	R666	*F3	R784	*H10	RB55	B5	RS86	A8	RV11	D9	
C22	D3	C131	*L8	C249	*Q4	C473	*H11	C664	*G5	D22	F8	IC72	*G11	L7	*D3	L619	*D4	R56	*C3	R163	*G10	R285	B5	R442	*K11	R667	*G5	R800	*K3	RB59	C5	RS87	A8	RV12	Q5	
C23	D3	C132	L8	C250	*L7	C474	*H10	C665	G5	D23	*J11	IC73	*F11	L8	*D3	L620	*E3	R57	*B2	R164	*G10	R286	B5	R443	*J11	R668	*E4	R801	*F6	RB60	A5	RS88	A8	RV13	Q3	
C24	*B3	C133	*K7	C251	*C3	C475	*H10	C666	F5	D24	*C9	IC74	*F11	L9	B3	L621	*D3	R58	*B2	R165	*B10	R287	B5	R444	*H11	R669	*E4	R802	*F7	RB61	A5	RS89	A8	RV14	Q4	
C25	*B3	C134	K7	C252	*M3	C476	H10	C667	*F5	D25	*B9	IC75	C9	L10	E10	L622	E6	R59	*C3	R166	*B10	R288	*H4	R445	*H11	R670	*E4	R803	*F7	RB62	A8	RS90	*Q10	RV15	F6	
C26	*D2	C135	*G1	C253	*N3	C477	*L9	C668	E4	D26	*G10	IC76	B9	L11	*B2	L623	D5	R60	*Q8	R167	*N10	R289	*H4	R446	*H10	R671	*F5	R804	G5	RB63	A9	RS91	*G6	RV16	F7	
C27	B3	C136	*F2	C254	*N3	C478	*L9	C669	E4	D27	*E10	IC77	B6	L12	D2	L624	C3	R61	*N1	R168	*N10	R290	*Q4	R447	*H10	R672	*F5	R805	*L4	RB64	A8	RS92	*C1	RV17	E7	
C28	*B3	C139	*K7	C255	*N4	C479	*L9	C670	*B5	D28	*D11	IC78	G6	L13	D7	L625	C5	R62	*C9	R169	*M11	R291	*Q4	R448	*H10	R673	*E4	R806	*L3	RB65	G11	RS93	C1	RV18	Q4	
C29	*L9	C141	*G7	C256	*N5	C480	*L8	C671	*E4	D29	*M1	IC79	G9	L14	P6	L626	G5	R63	B2	R170	*M10	R292	*P3	R450	*H11	R675	*E4	R807	*L4	RB66	G11	RS94	*E2	RV21	D8	
C30	B3	C143	*Q10	C257	*N5	C481	*L8	C672	*E4	D600	A11	IC80	G8	L15	*P5	L800	*L8	R64	*Q6	R171	*M10	R293	*Q10	R451	*H11	R679	*E4	R808	*L3	RB67	G11	RS95	*E1	RV22	F6	
C31	*P3	C144	*L3	C258	*N4	C482	*L9	C673	*E4	D601	A11	IC81	E9	L16	L4	L801	J1	R65	*C2	R172	P9	R294	*N1	R452	*H11	R680	*E3	R809	*N1	RB68	M9	RS96	*E1	RV23	F7	
C32	*P4	C145	*F11	C259	*M4	C483	*L9	C674	*E4	D602	Q7	IC82	E8	L17	L3	L802	J2	R66	*C2	R173	P9	R295	*E7	R453	*F1	R681	*E3	R810	*F2	RB69	M9	RS97	*E1	RV24	F7	
C33	*B3	C146	*F10	C260	N5	C484	K9	C675	*D4	D603	Q6	IC83	E8	L18	L5			R67	*C3	R174	*P11	R296	*Q6	R460	*H3	R682	*E3	R811	*F2	RB101	P7	RS98	*E1	RV25	D9	
C34	*P4	C147	*G11	C261	*N5	C485	*K9	C676	E4	D604	*G4	IC84	G6	L19	N6	LV1	C2	R68	*C2	R175	*P11	R298	*J5	R461	*L9	R683	*E3	R812	*F2	RB103	G1	RS99	*E2	RV26	D8	
C35	*P5	C155	*G10	C262	N4	C488	J9	C677	E3	D800	Q6	IC85	G7	L20	M2	LV3	D6	R69	*C2	R176	J8	R299	*Q6	R462	*L9	R684	*E3	R813	F1	RB104	G1	RS100	*E2	RV27	J11	
C36	*B2	C156	*F10	C263	*P4	C489	*J9	C678	*E3	D801	K1	IC86	G7	L21	P10			R70	*C3	R177	J8	R300	*Q8	R463	*L8	R685	*E3	R814	N7	RB600	M2	RS101	*E2	RV32	K11	
C37	*P3	C157	*F11	C264	*L4	C490	*J9	C679	E3		E1	IC89	C2	L22	P11	Q1	E10	R71	*Q6	R178	H7	R301	*J3	R464	*L9	R689	*E3	R815	N7	RB601	F1	RS102	*E1	RV600	H3	
C38	B2	C158	*C9	C267	*C1	C491	*J9	C680	*E3		B11	IC90	C2	L23	Q10	Q2	D10	R72	*D2	R179	H7	R302	*J4	R465	*L9	R691	*E3	R816	N8	RB602	D4	RS103	*E1	RV601	H3	
C39	B2	C158	*C9	C267	*C1	C491	*J9	C680	*E3		E1	IC90	C2	L23	Q10	Q2	D10	R73	*Q6	R180	K8	R304	F6	R466	*L9	R692	*G5	R817	N8	RB603	D4	RS104	*E1	RV603	E4	
C40	*P5	C159	*B9	C268	*C1	C492	*J9	C681	*E3		E2	H8	IC91	E1	L24	P8	Q3	E10	R74	*C3	R181	K8	R305	F7	R467	*K9	R693	*G5	R818	N8	RB604	D3	RS105	*E1	RV604	E3
C41	*C3	C160	*B9	C269	*D1	C493	*J9	C682	*E3		E3	Q10	IC93	*G1	L25	N11	Q4	C10	R75	*C3	R182	J7	R306	F8	R468	*J11	R694	*F5	R819	N8	RB605	D3	RS106	*E2	RV605	E5
C42	*C3	C161	*H8	C270	*E1	C494	*J9	C683	*D3		E4	B1	IC94	J2	L26	N11	Q5	B3	R76	*Q6	R183	J7	R307	F7	R470	*K9	R695	*G5	R820	*B10	RB606	D5	RS107	*E2	RV606	H2
C43	*B2	C162	*G9	C271	*F1	C495	J9	C684	*D3		E5	J2	IC95	G5	L27	H8	Q6	B3	R77	*D2	R184	K7	R308	F8	R472	*K9	R696	*G5	R821	*B9	RB607	D5	RS108	C5	RV800	H1
C44	*C3	C163	*G9	C272	*F1	C496	*H9	C685	E3		E6	L4	IC96	J3	L28	*L11	Q7	B3	R78	*D3	R185	K7	R309	*D6	R473	*J9	R697	*F5	R822	L6	RB608	M3	RS109	C5	RV801	E4
C45	*C2	C164	*G8	C273	*E2	C497	J9	C686	E5		E7	M2	IC100	*B5	L29	H7	Q8	B3	R79	*N1	R186	*D11	R310	*D6	R474	*J9	R698	*F5	R823	L6	RB609	N8	RS110	C5	RV802	E3
C46	*B2	C165	*E6	C274	*E2	C498	*H9	C687	*E5		E8	B9	IC101	*C5	L30	J8	Q9																			

HDCU-700A (UC) : S/N 11001 through 11022
HDCU-700A (J) : S/N 30001 through 30025



HDCU-700A (UC) : S/N 11001 through 11022
HDCU-700A (J) : S/N 30001 through 30025



IF-704 -B SIDE-
1-669-021-11

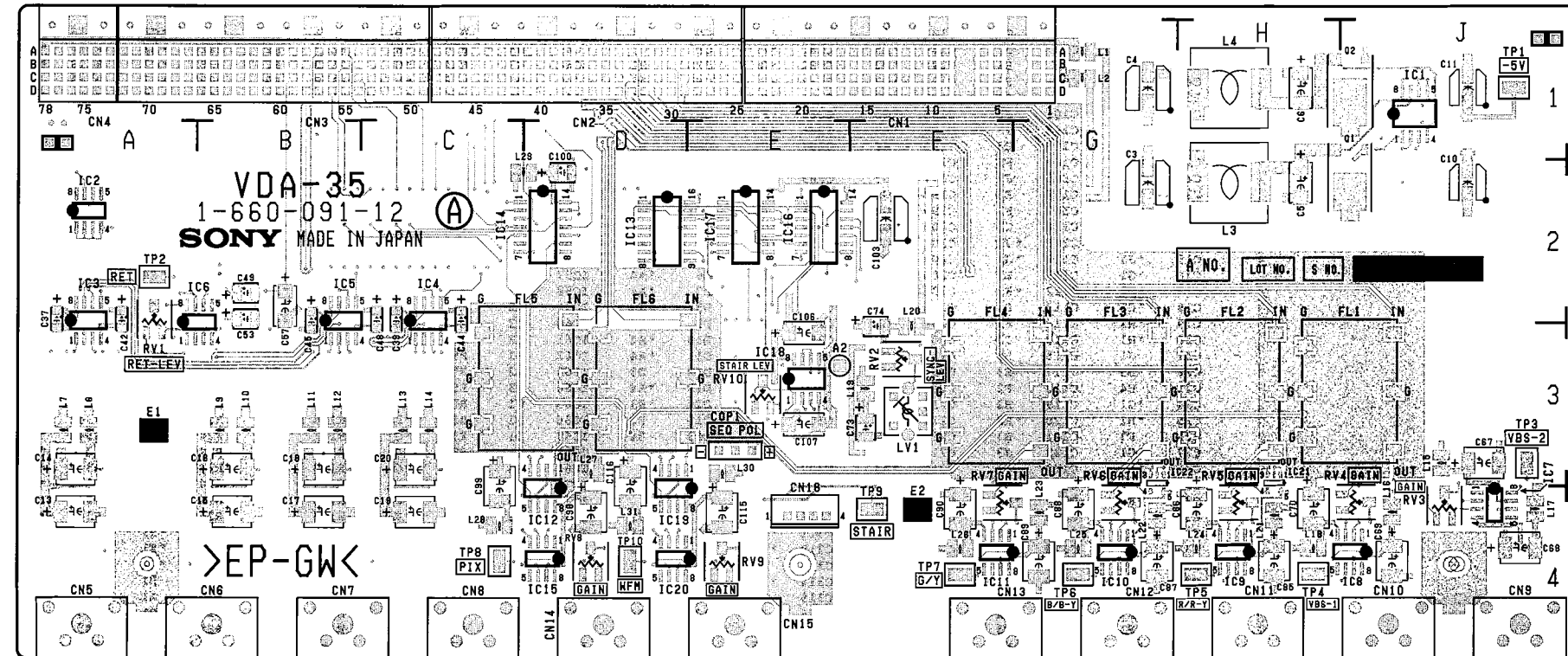
HDCU-700A (UC) : S/N 11001 through 11022
HDCU-700A (J) : S/N 30001 through 30025

IF-704 (1-669-021-11)

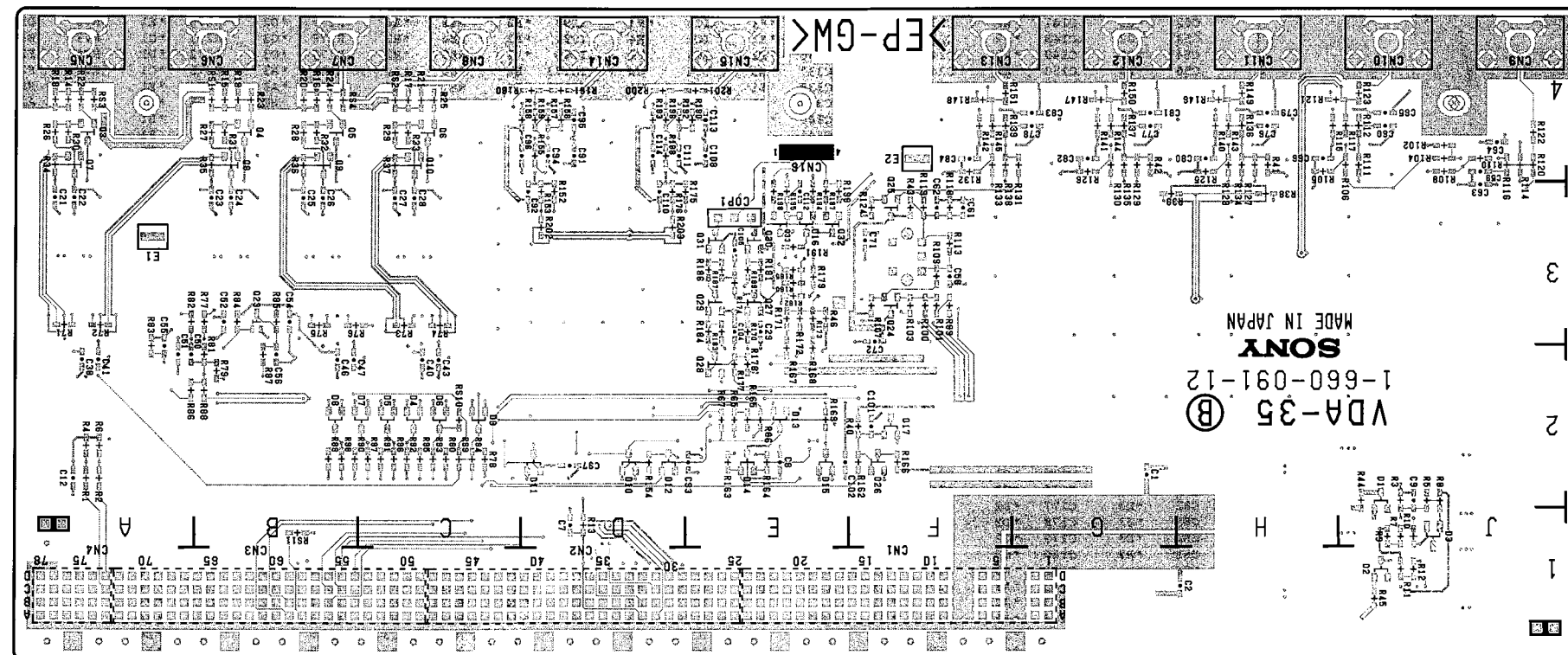
*:B SIDE

C1	E11	C109	*K6	C227	*G6	C410	*H1	C640	*F3	D13	C3	IC62	J7	L2	D11	L613	E4	R56	*C3	R163	*G10	R285	B5	R442	*K11	R661	*E4	R776	*N10	RS20	*Q11	RS155	*J7	TP19	J3
C2	*E10	C110	*L6	C228	*G6	C411	*H2	C641	*F3	D14	Q6	IC63	K8	L3	D11	L614	E3	R57	*B2	R164	*G10	R286	B5	R443	*J11	R662	*F3	R777	*D4	RS21	*Q8	RS156	*J7	TP20	K8
C3	E11	C111	*L6	C229	*G7	C412	*H2	C642	*E4	D15	Q6	IC64	L11	L4	C11	L615	E3	R58	*B2	R165	*B10	R287	B5	R444	*H11	R663	*F3	R778	*D3	RS22	*G10	RS157	*H4	TP21	E7
C4	C11	C112	*N7	C230	*G7	C413	*H2	C643	*E4	D16	*N10	IC65	K7	L5	C4	L616	G5	R59	*C3	R166	*B10	R288	*H4	R445	*H11	R664	*F3	R779	*E5	RS23	*Q9	RS158	*H3	TP22	B11
C5	*D11	C113	*N7	C231	*G7	C414	*H2	C644	E4	D17	*N10	IC66	L8	L6	B4	L617	F5	R60	*Q8	R167	*N10	R289	*H4	R446	*H10	R665	*F3	R780	*D5	RS24	*Q9	RS159	*P8	TP23	H11
C6	*E10	C114	*N9	C232	*G7	C415	*H2	C645	E4	D18	D9	IC67	L7	L7	*D3	L618	*E4	R61	*C3	R168	*N10	R290	*Q4	R447	*H10	R666	*E3	R781	*C5	RS25	A6	RS160	*N5	TP24	D4
C7	D10	C115	*N8	C233	*F6	C416	*G1	C646	E4	D19	*H4	IC68	Q9	L8	*D3	L619	*D4	R62	*C3	R169	*M11	R291	*Q4	R448	*H10	R667	*G5	R782	*H2	RS26	A6	RS161	*N5	TP25	D3
C8	D10	C116	*P7	C234	*G6	C417	*G1	C647	E4	D20	F6	IC70	G11	L9	B3	L620	*E3	R63	B2	R170	M10	R292	*P3	R450	*H11	R668	*E4	R783	*H10	RS27	A6	RS162	*P7	TP26	F5
C9	C11	C117	P7	C235	*F7	C419	K10	C648	E4	D21	F7	IC72	*G11	L10	E10	L621	*D3	R64	*Q6	R171	M10	R293	*P9	R451	*H11	R669	*E4	R784	*H10	RS28	A6	RS163	*P7	TP27	G2
C10	E10	C118	*N9	C236	*G7	C455	*G2	C649	*E4	D22	F8	IC73	*F11	L11	*B2	L622	E6	R65	*C2	R172	N9	R294	*N1	R452	*H11	R670	*E4			RS29	*N11	RS164	*P7		
C11	D10	C119	*N11	C237	*F8	C458	*K10	C650	*H2	D23	*J11	IC74	*F11	L12	D2	L623	D5	R66	*C2	R173	N9	R295	*E7	R453	*F1	R671	*E4	RB1	*C4	RS30	*P10	RS165	*P7	X1	Q2
C12	E10	C120	N9	C238	*G7	C459	*K10	C651	*H2	D24	*C9	IC75	C9	L13	D2	L624	C6	R67	*C3	R174	M11	R296	*Q6	R460	*H3	R672	*E4	RB2	C4	RS31	*P10	RS169	*L11	X3	H9
C13	*K3	C121	N11	C239	G6	C463	K11	C652	*H2	D25	*B9	IC76	B9	L14	P6	L625	C5	R68	*C2	R175	M11	R298	*J5	R461	*L9	R673	*E4	RB3	C4	RS32	*N11	RS170	*L11	X600	G3
C14	E10	C122	*N11	C240	G7	C464	*K10	C653	*E3	D26	*G10	IC77	E6	L15	*P5	L626	G5	R69	*C2	R176	J8	R299	*Q6	R462	*L9	R675	*E4	RB4	B4	RS33	*P10	RS171	*L11		
C15	C10	C123	*J8	C241	G7	C465	*K10	C654	E3	D27	*E10	IC78	G9	L16	L4			R70	*C3	R177	J8	R300	*P7	R463	*L8	R679	*E4	RB5	B4	RS34	N11	RS174	*J3		
C16	B4	C124	J8	C242	G6	C466	*K11	C655	E3	D28	*D11	IC79	G9	L17	L3	LV1	C2	R71	*Q6	R178	H7	R301	*J3	R464	*L9	R680	*E3	RB6	B4	RS41	Q9	RS175	G5		
C17	C4	C125	*J8	C243	*F6	C467	*K11	C656	E3	D29	*M1	IC80	G8	L18	L5	LV3	D6	R72	*D2	R179	H7	R302	*J4	R465	*L9	R681	*E3	RB7	*K3	RS44	*L11	RS176	G5		
C18	B4	C126	*L11	C244	G7	C468	*H10	C657	E3	D600	A11	IC81	E9	L19	N6			R73	*Q6	R180	K8	R304	F6	R466	*L9	R682	*E3	RB8	*K2	RS53	F11	RS177	H5		
C19	*K1	C127	K8	C245	*F7	C469	*H10	C658	E3	D601	A11	IC82	E8	L20	M2	Q1	E10	R74	*Q6	R181	K8	R305	F7	R467	*K9	R683	*E3	RB9	M9	RS54	G11	RS178	H5		
C20	*K2	C128	*J7	C246	G8	C470	*H11	C659	*E3	D602	Q6	IC83	E8	L21	P9	Q2	D10	R75	*C3	R182	J7	R306	F8	R468	*J11	R684	*E3	RB11	*B8	RS55	G11	RS179	H5		
C21	*L2	C129	*L11	C247	*F7	C471	*H11	C660	*G2	D603	Q6	IC84	G6	L22	P11	Q3	E10	R76	*Q6	R183	J7	R307	F7	R469	*K9	R685	*E3	RB12	*B7	RS56	G11	RS180	H5		
C22	D3	C130	J7	C248	Q4	C472	*H11	C661	G4	D604	*G4	IC85	G7	L23	P9	Q4	C10	R77	*D3	R184	K7	R308	F8	R470	*K9	R689	*E3	RB13	*B7	RS57	G11	RS181	H5		
C23	D3	C131	*L8	C249	*Q4	C473	*H11	C662	*G5			IC86	G7	L24	P7	Q5	B3	R78	*D2	R185	K7	R309	*D6	R471	*K9	R691	*E3	RB14	*B6	RS58	G11	RS182	H5		
C24	*B3	C132	L8	C250	*L7	C474	H10	C663	*F5	E1	B11	IC89	C2	L25	N11	Q6	B3	R79	*N1	R186	*D11	R310	*D6	R472	*K9	R692	*G5	RB15	J6	RS59	G11	RS183	H5		
C25	*B3	C133	*K7	C251	*C3	C475	*H10	C664	*G5	E2	H8	IC90	C2	L26	N11	Q7	B3	R80	*N1	R187	*E10	R311	*D6	R473	*J9	R693	*G5	RB16	H6	RS60	G11	RS184	H5		
C26	*D2	C134	K7	C252	*M3	C476	H10	C665	G5	E3	P8	IC91	E1	L27	H8	Q8	B3	R81	N1	R188	*G9	R312	*D6	R474	*J9	R694	*F5	RB17	K6	RS61	G11	RS600	*D5		
C27	B3	C135	*G1	C253	*N3	C477	*L9	C666	F5	E4	B1	IC93	*G1	L28	*L11	Q9	B3	R82	*P3	R189	*E6	R313	*E8	R475	*J9	R695	*G5	RB18	J6	RS62	G11	RS601	*D5		
C28	*B3	C136	*F2	C254	*N3	C478	*L9	C667	*F5	E5	E2	IC94	J2	L29	H7	Q10	B3	R83	*P4	R190	*G9	R314	*E8	R476	*H9	R696	*G5	RB19	K6	RS64	*Q8	RS602	*D5		
C29	*B3	C139	*L7	C255	*N4	C479	*L9	C668	E4	E6	L4	IC95	G5	L30	J8	Q11	B3	R84	*P3	R191	*G9	R315	*E8	R477	*H9	R697	*F5	RB20	K6	RS65	*Q8	RS603	C6		
C30	B3	C141	L7	C256	*N5	C480	*L8	C669	E4	E7	M2	IC96	J3	L31	J7	Q12	C3	R85	*P4	R192	*G8	R316	*E8	R478	*H11	R698	*F5	RB21	L6	RS66	*Q8	RS604	C6		
C31	*P3	C143	*Q9	C257	*N5	C481	*L9	C670	*E4	E8	B9	IC100	*B5	L32	K8	Q13	C3	R86	*N1	R193	*E6	R317	*E8	R479	*J11	R699	*F5	RB22	L6	RS67	*L7	RS605	C6		
C32	*P4	C144	*L3	C258	*N4	C482	*L9	C671	*E4	E9	K11	IC101	*C5	L33	K7	Q14	C3	R87	*M1	R194	*G9	R318	*E8	R480	*J11	R700	*E4	RB23	M10	RS68	*L7	RS606	C6		
C33	*B3	C145	*F11	C259	*M4	C483	*L9	C672	*E4	E10	F4	IC102	B5	L35	*J4	Q15	Q6	R88	*M1	R195	*G9	R319	*E8	R481	*J11	R701	*E4	RB24	M10	RS69	*L7	RS607	C6		
C34	*L1	C146	*F10	C260	N5	C484	K8	C673	*E4	E11	E9	IC103	C5	L36	*H8	Q16	C3	R89	*M1	R196	*G8	R320	*E8	R482	J11	R702	*E4	RB25	P9	RS70	*L7	RS608	C6		
C35	*P4	C147	*G11	C261	*N5	C485	*K8	C674	*E4	E12	C7	IC104	E6	L37	*G8	Q17	C3	R90	*N1	R197	*F9	R321	*E8	R483	J11	R703	*E4	RB26	P9	RS71	*L7	RS609	C6		
C36	*P5	C155	*G10	C262	N4	C486	K9	C675	*D4			IC105	*P7	L38	*G9	Q18	Q6	R91	*P1	R198	*F8	R322	*E7	R484	*J11	R704	*D4	RB27	M10	RS72	*L6	RS610	C6		
C37	*B2	C156	*F10	C263	*P4	C487	*K9	C676	E4	F1	B10	IC106	M3	L39	*G8	Q19	C3	R92	*P1	R199	*F8	R323	*E7	R485	*J11	R705	*D4	RB28	M11	RS73	*L7	RS611	C6		
C38	*P3	C157	*F11	C264	*L4	C488	J9	C677	E3	F2	B11	IC108	*J5	L40	*Q9	Q20	*C5	R93	*N1	R200	*F9	R324	*E8	R486	*L9	R706	*E3	RB29	H7	RS74	*L6	RS612	C7		
C39	B4	C158	*C9	C267	*C1	C489	*J9	C678	*E3			IC109	J4	L41	F9	Q21	*Q5	R94	*M4	R201	*F9	R325	*F9	R487	*H11	R707	*E3	RB30	H7	RS75	A9				
C40	*P5	C159	*B9	C268	*C1	C490	*J9	C679	E3	FL2	L9	IC110	J3	L42	F8	Q22	D6	R95	*F3	R202	*F8	R326	B8	R488	*H11	R708	*E3	RB31	J8	RS76	A9	RV1	M4		
C41	*C3	C160	*B9	C269	*D1	C491	*J9	C680	*E3	FL3	H4	IC111	B9	L43	Q5	Q23	D7	R96	*M4	R203	*Q5	R327	*B6	R489	*K10	R709	*E3	RB32	J8	RS77	A9	RV2	N2		
C42	*C3	C161	*H8	C270	*E1	C492	*J9	C681	*E3	FL4	J10	IC112	*M7	L44	F9	Q24	*E6	R97	*N1	R204	*E8	R328	*D7	R490	*K10	R710	*D3	RB33	K10	RS78	*G9	RV3	M4		
C43	*B2	C162	*Q9	C271	*F1	C493	*J9	C682	*E3	FL600	J1	IC113	C7	L45	D8	Q25	*Q5	R98	*P7	R205	*E8	R329	*B4	R491	*M9	R711	*D3	RB34	K11	RS79	*L11	RV4	M5		
C44	*C3	C163	*F8	C272	*F1	C494	*J9	C683	*E2	FL601	G4	IC114	*P9	L46	D8	Q26	*Q4	R99	*Q5	R206	*Q5	R330	*B4	R492	*K10	R712	*E5	RB35	K10	RS80	*L11	RV5	Q7		
C45	*C2	C164	*G8	C273	*F1	C495	J9	C684	*D3	FL602	F5	IC115	*L8	L47	Q5	Q27	B3	R100	*Q6	R207	*E6	R331	*E8	R493	*J11	R713	*E5	RB36	J7	RS81	*P8	RV6	Q5		
C46	*B2	C165	*E6	C274	*E2	C496	*H9	C685	E3			IC116	M4	L48	D9	Q28	D7	R101	*N2	R208	*D6	R332	*B7	R494	*J11	R714	*E5	RB37	J7	RS82	*P8	RV7	F9		
C47	B2	C166	*G9	C285	J2	C497	J9	C686	E5	IC1	*D11	IC117	M5	L49	D6	Q29	J11	R102	*N2																

HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher



VDA-35 -A SIDE-
1-660-091-12



VDA-35 -B SIDE-
1-660-091-12

VDA-35(1-660-091-12)

*: B SIDE

A2	E3	C98	D4	L3	H2	R40	*F2	R152	*D3
C1	*G2	C99	C3	L4	H1	R41	*H4	R153	*D3
C2	*H1	C100	D2	L7	A3	R42	*G4	R154	*D2
C3	G2	C102	*F2	L8	A3	R43	*F3	R155	*D4
C4	G1	C103	F2	L10	B3	R44	*J2	R156	*D4
C5	H2	C104	*E3	L11	B3	R45	*J1	R157	*D4
C6	H1	C105	*E3	L12	B3	R46	*E3	R158	*D4
C7	*D1	C106	E3	L13	C3	R66	*E2	R159	*D4
C8	*E2	C107	E3	L14	C3	R67	*E2	R160	*D4
C9	*J2	C108	*E4	L15	J3	R71	*A3	R161	*D4
C10	J2	C110	*D3	L16	J4	R72	*A3	R162	*F2
C11	J1	C111	*D4	L17	J4	R73	*C3	R163	*E2
C12	*A2	C112	*E3	L18	H4	R74	*C3	R164	*E2
C13	A4	C113	*E4	L19	F3	R75	*B3	R165	*E2
C14	A3	C114	*D4	L20	F3	R76	*B3	R166	*F2
C15	B4	C115	E4	L21	H4	R77	*B3	R167	*E2
C16	B3	C116	D3	L22	G4	R78	*C2	R168	*E2
C17	B4			L23	G4	R79	*B2	R169	*E3
C18	B3	CN1	F1	L24	H4	R80	*C2	R170	*E3
C19	C4	CN2	D1	L25	G4	R81	*B2	R171	*E3
C20	C3	CN3	B1	L26	F4	R82	*A3	R172	*E3
C21	*A3	CN4	A1	L27	D3	R83	*A2	R173	*E3
C22	*A3	CN5	A4	L28	C4	R84	*B3	R174	*E3
C23	*B3	CN6	B4	L29	D2	R85	*A3	R175	*E3
C24	*B3	CN7	B4	L30	E3	R86	*B3	R176	*D3
C25	*B3	CN8	C4	L31	D4	R87	*A2	R177	*E2
C26	*B3	CN9	J4			R88	*B2	R178	*E2
C27	*C3	CN10	J4	LV1	F3	R89	*B2	R179	*E3
C28	*C3	CN11	H4			R90	*B2	R180	*E3
C29	*E3	CN12	G4	Q1	J2	R91	*B2	R181	*E3
C30	A2	CN13	F4	Q2	J1	R92	*C2	R182	*E3
C31	A2	CN14	D4	Q3	*A4	R93	*C2	R183	*E3
C32	C2	CN15	E4	Q4	*B4	R94	*C2	R184	*E3
C33	*C2	CN16	E4	Q5	*B4	R95	*C2	R185	*E3
C34	A2			Q6	*C4	R96	*C2	R186	*E3
C35	A2	COP1	E3	Q7	*A4	R97	*C2	R187	*E3
C36	*C2			Q8	*B4	R98	*B2	R188	*D4
C37	C2	D1	*J2	Q9	*B4	R99	*F3	R189	*E3
C38	B2	D2	*J1	Q10	*C4	R100	*F3	R190	*E4
C39	*B2	D3	*J1	Q23	*B3	R101	*F3	R191	*E3
C40	*B2	D4	*C2	Q24	*F3	R102	*J4	R192	*D4
C41	C2	D5	*C2	Q25	*F3	R103	*F3	R193	*D4
C42	B2	D6	*C2	Q26	*F2	R104	*J4	R194	*E3
C43	*A2	D7	*C2	Q27	*E3	R105	*H4	R195	*E3
C44	*A2	D8	*B2	Q28	*E2	R106	*J4	R196	*D4
C45	*B3	D9	*C2	Q29	*E3	R107	*F3	R197	*E3
C46	B2	D10	*D2	Q30	*E3	R108	*F3	R198	*E3
C47	*B3	D11	*D2	Q31	*E3	R109	*J4	R199	*E3
C48	*A2	D12	*D2	Q32	*E3	R110	*F4	R200	*D4
C49	*B2	D13	*E2	Q33	*E3	R111	*J4	R201	*E4
C50	B2	D14	*E2			R112	*J4	R202	*D3
C51	*F3	D15	*E2	R1	*A2	R113	*F3	R203	*D3
C52	*J4	D16	*E3	R2	*A2	R114	*H4		
C53	*J4	D17	*F2	R3	*J2	R115	*J4	RS1	*B4
C54	*F3			R4	*A2	R116	*J4	RS2	*C4
C55	*F3	E1	A3	R5	*J2	R117	*J4	RS3	*A4
C56	*F3	E2	A4	R6	*A2	R118	*F3	RS4	*B4
C57	*J4	FL1	J3	R7	*J1	R119	*F3	RS5	*C2
C58	*H4	FL2	H3	R8	*J2	R120	*J4	RS10	*B1
C59	*J3	FL3	G3	R9	*J1	R121	*H4		
C60	*J4	FL4	F3	R10	*J1	R122	*J4	RV1	A2
C61	*J4	FL5	D3	R11	*J1	R123	*F3	RV2	F3
C62	*H4	FL6	D3	R12	*J1	R124	*J4	RV3	J4
C63	*F3			R13	*D1	R125	*H4	RV4	J4
C64	*F3	IC1	J1	R14	*A4	R126	*G4	RV5	H4
C65	*F3	IC2	A2	R15	*B4	R127	*H4	RV6	G4
C66	*F3	IC3	A3	R16	*B4	R128	*H4	RV7	F4
C67	*H4	IC4	C3	R17	*C4	R129	*G4	RV8	D4
C68	*G4	IC5	B3	R18	*A4	R130	*G4	RV9	E4
C69	*G4	IC6	A3	R19	*B4	R131	*G4	RV10	E3
C70	*H4	IC7	J4	R20	*C4	R132	*F4		
C71	*H4	IC8	J4	R21	*C4	R133	*F4	TP1	J1
C72	*G4	IC9	H4	R22	*A4	R134	*H4	TP2	A2
C73	*G4	IC10	G4	R23	*B4	R135	*G4	TP3	J3
C74	*G4	IC11	D4	R24	*B4	R136	*H4	TP4	H4
C75	*F4	IC12	F3	R25	*C4	R137	*G4	TP5	H4
C76	H4	IC13	D2	R26	*A4	R138	*F4	TP6	G4
C77	H4	IC14	C2	R27	*B4	R139	*F4	TP7	F4
C78	G4	IC15	D4	R28	*B4	R140	*H4	TP8	C4
C79	G4	IC16	E2	R29	*C4	R141	*G4	TP9	F4
C80	G4	IC17	E2	R30	*A4	R142	*F4	TP10	D4
C81	F4	IC18	E3	R31	*B4	R143	*H4		
C82	*D4	IC19	E3	R32	*B4	R144	*G4		
C83	*D3	IC20	E4	R33	*C4	R145	*F4		
C84	*E2	IC21	H3	R34	*A4	R146	*H4		
C85	*D4	IC22	G3	R35	*B4	R147	*G4		
C86	*D4			R36	*C4	R148	*H4		
C87	*D2			R37	*C4	R149	*F4		
C88	L1			R38	*H3	R150	*G4		
C89	L2			R39	*G3	R151	*F4		

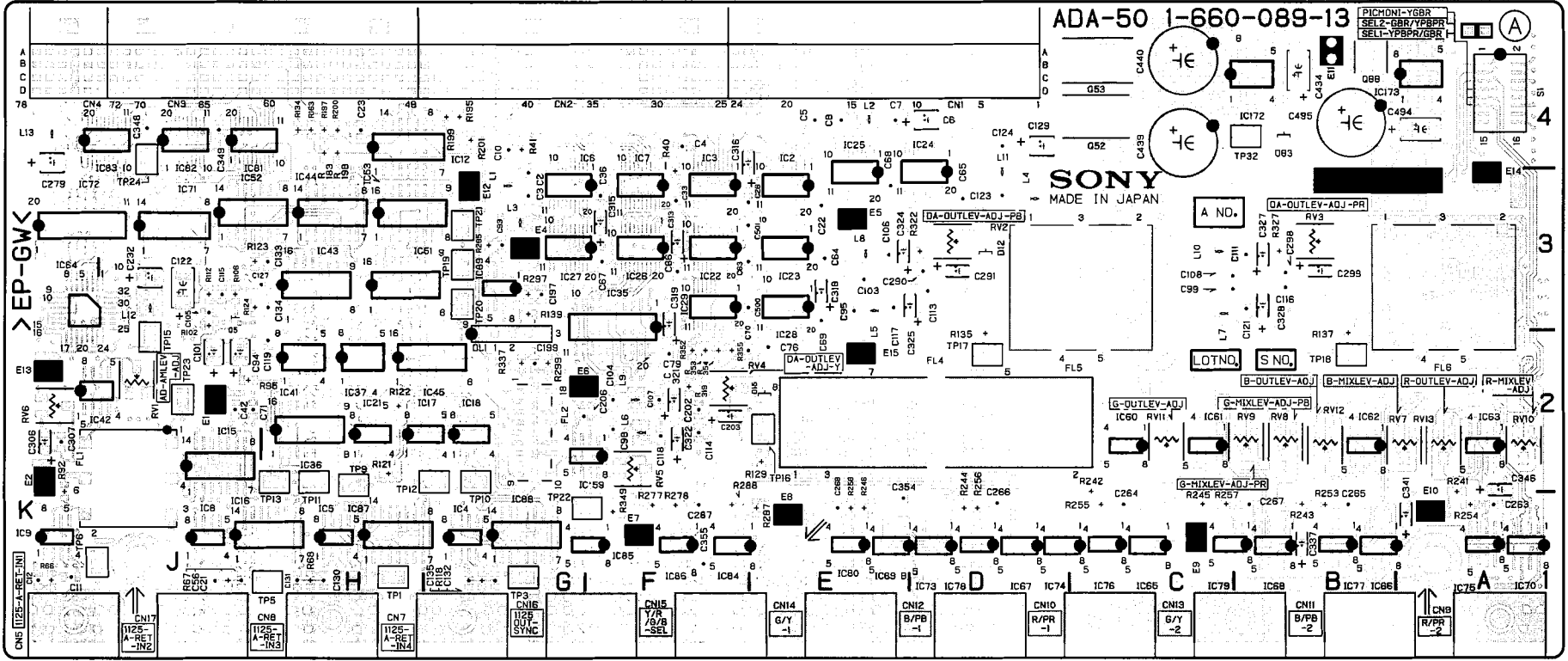
HKCU-702 (SY) : LOT No. 608 and higher

ADA-50 (1-660-089-13)

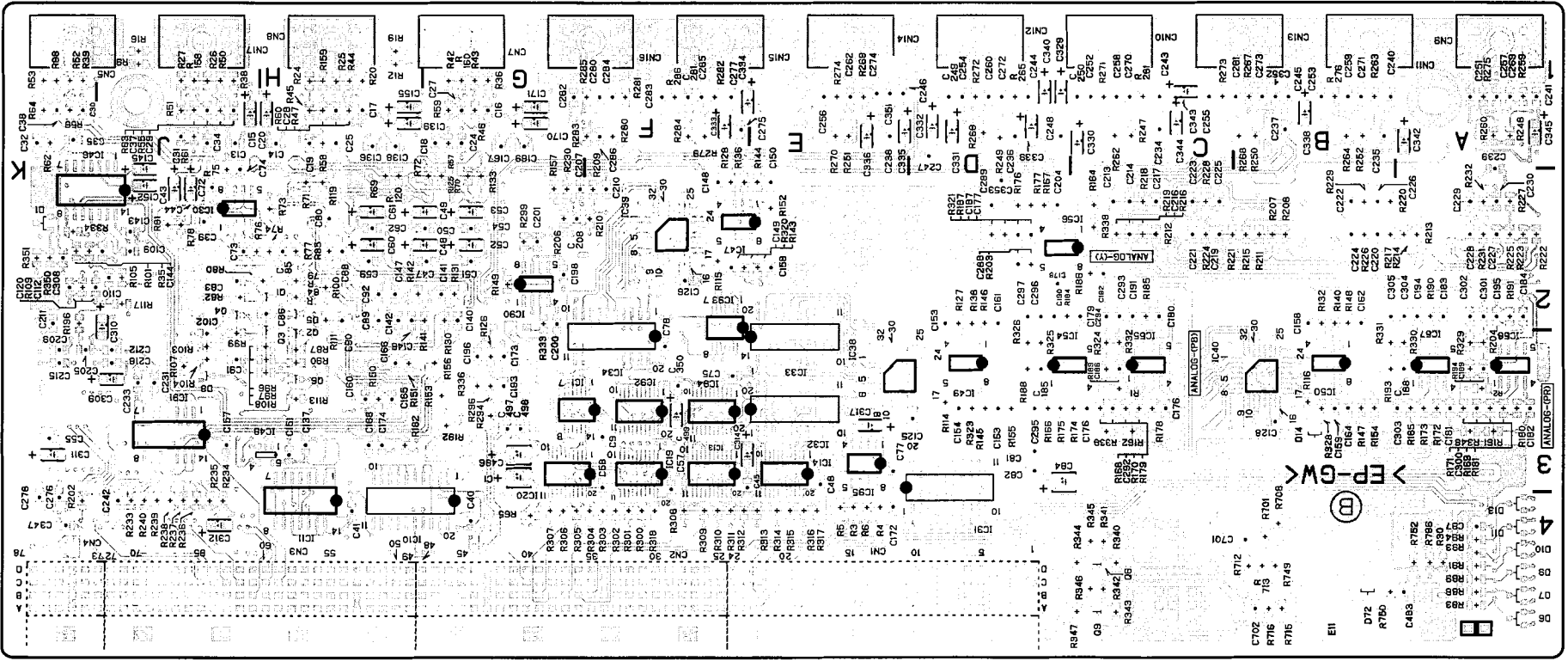
*:B SIDE

C1	*G3	C93	G3	C188	*A3	C280	*F1	CN5	K1	IC42	K2	R19	*H1	R126	*G3	R219	*C2	R316	*E4
C2	G3	C94	J2	C189	*A3	C281	*F1	CN7	G1	IC43	H3	R20	*H1	R127	*D2	R220	*B2	R317	*E4
C3	G3	C95	E3	C190	*D2	C282	*G1	CN8	H1	IC44	H3	R24	*H1	R128	*F2	R221	*C2	R318	*F4
C4	F4	C96	F2	C191	*C2	C283	*F1	CN9	A1	IC45	H2	R25	*H1	R129	E2	R222	*A2	R319	F2
C5	E4	C99	C3	C192	*C2	C284	*F1	CN10	C1	IC46	*J1	R26	*J1	R130	*G2	R223	*A2	R320	*F2
C6	D4	C101	J2	C193	*G3	C285	*F1	CN11	B1	IC47	*E2	R27	*J1	R131	*G2	R224	*C2	R321	*D2
C7	E4	C102	*J3	C194	*A2	C286	*F1	CN12	D1	IC48	*H3	R30	*A4	R132	*B2	R225	*A2	R322	D3
C8	E4	C103	E3	C195	*A2	C287	F1	CN13	B1	IC49	*D3	R35	*K2	R133	*G2	R226	*B2	R323	*D3
C9	*F3	C104	F2	C196	*G3	C288	*D2	CN14	E1	IC50	*B3	R36	*G1	R134	H4	R227	*A2	R324	*C3
C10	G4	C105	J3	C197	G3	C289	*D2	CN15	F1	IC51	H3	R38	*J1	R135	D2	R228	*C2	R325	*D3
C11	K1	C106	E3	C198	*G2	C290	D3	CN16	F1	IC52	J3	R39	*K1	R136	*F2	R229	*B2	R326	*D3
C12	K1	C107	F2	C199	G2	C291	D3	CN17	J1	IC53	H3	R40	F3	R137	B2	R230	*G2	R327	B3
C13	*J1	C108	C3	C200	*G2	C292	*C3			IC54	*D3	R41	G4	R138	*D2	R231	*A2	R328	*B3
C14	*H1	C109	*J2	C201	*G2	C293	*C2	D1	*K2	IC55	*C3	R42	*G1	R139	G3	R232	*A2	R329	*A3
C15	*J1	C110	*J2	C202	F2	C294	*C2	D5	*H2	IC56	*C2	R43	*G1	R140	*B2	R233	*J4	R330	*A3
C16	*G1	C111	B3	C203	F2	C295	*D3	D6	*A4	IC57	*A3	R44	*H1	R141	*G2	R234	*J4	R331	*B3
C17	*H1	C112	*K2	C204	*D2	C296	*D2	D7	*A4	IC58	*A3	R45	*H1	R142	*H2	R235	*J4	R332	*C3
C18	*G1	C113	D3	C205	*K3	C297	*D2	D8	*J3	IC59	F2	R46	*G1	R143	*E2	R236	*J4	R333	*G2
C19	*H1	C114	F2	C206	G2	C298	B3	D9	*A4	IC60	C2	R47	*H1	R144	*E2	R237	*J4	R334	*K2
C20	*H1	C115	J3	C207	*G2	C299	B3	D10	*A4	IC61	C2	R50	*J1	R145	*D3	R238	*J4	R336	*G3
C21	J1	C116	B3	C208	*G2	C300	*A3	D11	*A4	IC62	B2	R51	*J1	R146	*D2	R239	*J4	R337	G2
C22	B3	C117	E3	C209	*K3	C301	*A2	D12	D3	IC63	A2	R52	*K1	R147	*B3	R240	*J4	R338	*C2
C23	H4	C118	F2	C210	*F2	C302	*A2	D13	*A4	IC64	K3	R53	*K1	R148	*B2	R241	A2	R339	*C3
C24	*G1	C119	H2	C211	*K2	C303	*A3	D14	*B3	IC65	C1	R55	*J1	R149	*G2	R242	C2	R340	*C4
C25	*H1	C120	*K2	C212	*J3	C304	*A2	D15	E2	IC66	B1	R56	*K1	R150	*H3	R243	B1	R341	*C4
C26	F3	C121	B3	C213	*C2	C305	*B2	D63	B4	IC67	D1	R57	*G1	R151	*H3	R244	D1	R342	*C4
C27	*G1	C122	J3	C214	*C2	C306	K2	D72	*B4	IC68	B1	R58	*H1	R152	*E2	R245	C1	R343	*C4
C28	*H1	C123	D3	C215	*K3	C307	K2			IC69	E1	R59	*G1	R153	*G3	R246	E1	R344	*C4
C29	*J1	C124	D4	C216	*C2	C308	*K2	DL1	G2	IC70	A1	R60	*H1	R154	*B3	R247	*C1	R345	*C4
C30	*K1	C125	*D3	C217	*C2	C309	*J3			IC71	J3	R61	*J1	R155	*D3	R248	*A1	R346	*C4
C31	*J1	C126	*F2	C218	*J3	C310	*J2	E1	J2	IC72	K3	R62	*K1	R156	*G3	R249	*D1	R347	*C4
C32	*K1	C127	H3	C219	*C2	C311	*K3	E2	K2	IC73	D1	R63	*J1	R157	*G2	R250	*B1	R348	*A3
C33	F3	C128	*B3	C220	*B2	C312	*J4	E4	G3	IC74	C1	R64	*K1	R158	*J1	R251	*E1	R349	F1
C34	*J1	C129	D4	C221	*C2	C313	F3	E5	E3	IC75	A1	R65	*G4	R159	*H1	R252	*B1	R350	*K2
C35	*K1	C130	H1	C222	*B2	C314	*F3	E6	G2	IC76	C1	R66	K1	R160	*G1	R253	B1	R351	*K2
C36	F3	C131	H1	C223	*C2	C315	F3	E7	F1	IC77	B1	R67	J1	R161	*A3	R254	A1	R352	F2
C37	*J1	C132	G1	C224	*B2	C316	F4	E8	E1	IC78	D1	R68	H1	R162	*C3	R255	C1	R353	F2
C38	*K1	C133	H3	C225	*C2	C317	*E3	E9	C1	IC79	B1	R69	*H2	R163	H4	R256	D1	R354	F2
C39	*J2	C134	H3	C226	*B2	C318	E3	E10	A1	IC80	E1	R70	*G2	R164	*C2	R257	C1	R355	F2
C40	*G4	C135	G1	C227	*A2	C319	F3	E11	B4	IC81	J4	R71	*H2	R165	*A3	R258	E1	R701	*B4
C41	*H4	C136	*H1	C228	*A2	C321	F2	E12	G3	IC82	J4	R72	*G2	R166	*D3	R259	*A1	R708	*B4
C42	J2	C137	*H3	C229	*A2	C322	F2	E13	K2	IC83	K4	R73	*H2	R167	*D2	R260	*A1	R712	*B4
C43	*J2	C138	*H1	C230	*A2	C324	E3	E14	A3	IC84	F1	R74	*H2	R168	*C3	R261	*C1	R713	*B4
C44	*J2	C139	*H1	C231	*J3	C325	D3	E15	E2	IC85	F1	R75	*J2	R169	*A3	R262	*C1	R715	*B4
C45	*F3	C140	*G2	C232	J3	C327	B3			IC86	F1	R76	*J2	R170	*C3	R263	*B1	R716	*B4
C46	*E3	C141	*G2	C233	*J3	C328	B3	FL1	J2	IC87	H1	R77	*H2	R171	*A3	R264	*A1	R749	*B4
C47	*G2	C142	*H2	C234	*C1	C329	*D1	FL2	G2	IC88	G1	R78	*J2	R172	*A3	R265	*D1	R750	*B4
C48	*G2	C143	*J2	C235	*B1	C330	*C1	FL4	D2	IC89	G3	R79	*H2	R173	*A3	R266	*D1	R752	*A4
C49	*G2	C144	*J2	C236	*D1	C331	*D1	FL5	C3	IC90	*G2	R80	*H2	R174	*C3	R267	*B1	R796	*A4
C50	*G2	C145	*J2	C237	*B1	C332	*D1	FL6	A3	IC91	*J3	R81	*J2	R175	*D3	R268	*B1		
C51	*G2	C146	*H2	C238	*E1	C333	*F1			IC92	*F3	R82	*J2	R176	*D2	R269	*E1	RV1	J2
C52	*G2	C147	*H2	C239	*A2	C334	*F1	IC1	*F3	IC93	*F2	R83	*A4	R177	*D2	R270	*E1	RV2	D3
C53	*G2	C148	*F2	C240	*B1	C335	*E1	IC2	E4	IC94	*F3	R84	*H2	R178	*C3	R271	*C1	RV3	B3
C54	*G2	C149	*F2	C241	*A1	C336	*E1	IC3	F4	IC95	*E3	R85	*H2	R179	*C3	R272	*D1	RV4	F2
C55	*K3	C150	*E2	C242	*J4	C337	B1	IC4	G1	IC172	B4	R86	*A4	R180	*A3	R273	*C1	RV5	F2
C56	J1	C151	*H3	C243	*C1	C338	*B1	IC5	H1	IC173	A4	R87	*H3	R181	*A3	R274	*E1	RV6	K2
C57	*F3	C152	*J2	C244	*D1	C339	*D1	IC6	F4			R89	*A4	R182	*H3	R275	*A1	RV7	A2
C58	*F3	C153	*D2	C245	*B1	C340	*D1	IC7	F4	L1	G3	R90	*H3	R183	H4	R276	*B1	RV8	B2
C59	*H2	C154	*D3	C246	*E1	C341	A1	IC8	J1	L2	E4	R91	*A4	R184	*D2	R277	F1	RV9	B2
C60	*H2	C155	*H1	C247	*D1	C342	*A1	IC9	K1	L3	G3	R92	K2	R185	*C2	R278	F1	RV10	A2
C61	*H2	C156	*E2	C248	*D1	C343	*C1	IC10	*G3	L4	D3	R93	*A4	R186	*C2	R279	*F1	RV11	C2
C62	*H2	C157	*J3	C249	*D1	C344	*C1	IC11	*H3	L5	E3	R94	*A4	R187	*D2	R280	*F1	RV12	B2
C63	F3	C158	*B2	C250	*C1	C345	*A1	IC12	H3	L6	F2	R95	J2	R188	*D3	R281	*F1	RV13	A2
C64	E3	C159	*B3	C251	*A1	C346	A2	IC13	*F3	L7	C3	R96	*H3	R189	*C3	R282	*F1		
C65	D3	C160	*H3	C252	*C1	C347	*K4	IC14	*E3	L8	E3	R97	*H3	R190	*A2	R283	*F1	S1	A4
C66	F3	C161	*D2	C253	*B1	C348	J4	IC15	J2	L9	F2	R98	*K1	R191	*A2	R284	*F1		
C67	F3	C162	*B2	C254	*D1	C349	J4	IC16	J1	L10	C3	R99	*J3	R192	*G3	R285	*F1	TP1	H1
C68	E3	C163	*D3	C255	*C1	C350	*F3	IC17	H2	L11	D3	R100	*H2	R193	*B3	R286	*F1	TP3	G1
C69	E3	C164	*B3	C256	*E1	C351	*E1	IC18	G2	L12	J3	R101	*K2	R194	*A3	R287	E1	TP5	H1
C70	F2	C165	*H3	C257	*A1	C352	*B1	IC19	*F3	L13	K4	R102	J3	R195	G4	R288	F1	TP6	K1
C71	J2	C166	*H3	C258	*C1	C353	*D2	IC20	*F3			R103	*J3	R196	*K2	R294	*G3	TP9	H2
C72	*J2	C167	*G1	C259	*B1	C354	E1	IC21	H2	Q1	*H2	R104	*J3	R197	H4	R295	G3	TP10	G2
C73	*J2	C168	*H3	C260	*D1	C355	F1	IC22	F3	Q2	*H3	R105	*J2	R198	H4	R296	*G3	TP11	H2
C74	*J2	C169	*G1	C261	*B1	C434	B4	IC23	E3	Q3	*H2	R106	J3	R199	G4	R297	G3	TP12	G2
C75	*F3	C170	*G1	C262	*E1	C439	C4	IC24	D4	Q4	*J2	R107	*J3	R200	H4	R298	G2	TP13	H2
C76	E2	C171	*G1	C263	A1	C440	C4	IC25	E4	Q5	J3	R108	*H3	R201	G4	R299	*G2	TP15	J2
C77	*E3	C172	*E4	C264	C1	C493	*A4	IC26	F3	Q6	*H3	R109	*K2	R202	*K4	R300	*F4	TP16	E2
C78	*F3	C173	*G3	C265	B1	C494	A4	IC27	F3	Q8	*C4	R111	*H2	R203	*D2	R301	*F4	TP17	D2
C79	F2	C174	*H3	C266	D1	C495	B4	IC28	E3	Q9	*C4	R112	J3	R204	*A3	R302	*F4	TP18	B2
C80	*H2	C175	*C3	C267	B1	C496	*G3	IC29	F3	Q52	C4	R113	*H3	R206	*G2	R303	*F4	TP19	G3
C81	*D3	C176	*C3	C268	E1	C497	*G3	IC30	*J2	Q53	C4	R114	*D3	R207	*B2	R304	*F4	TP20	G3
C82	*D3	C177	*D2	C269	*A1	C498	*G3	IC31	*D4	Q66	B4	R115	*F2	R208	*B2	R305	*G4	TP21	G1
C83	*J2	C178	*D2	C270	*C1	C499	*F3	IC32	*E3			R116	*B3	R209	*F2	R306	*G4	TP22	F3
C84	*D3	C179	*C2	C271</															

HKCU-702 (SY) : LOT No. 608 and higher



ADA-50 -A SIDE-
1-660-089-13

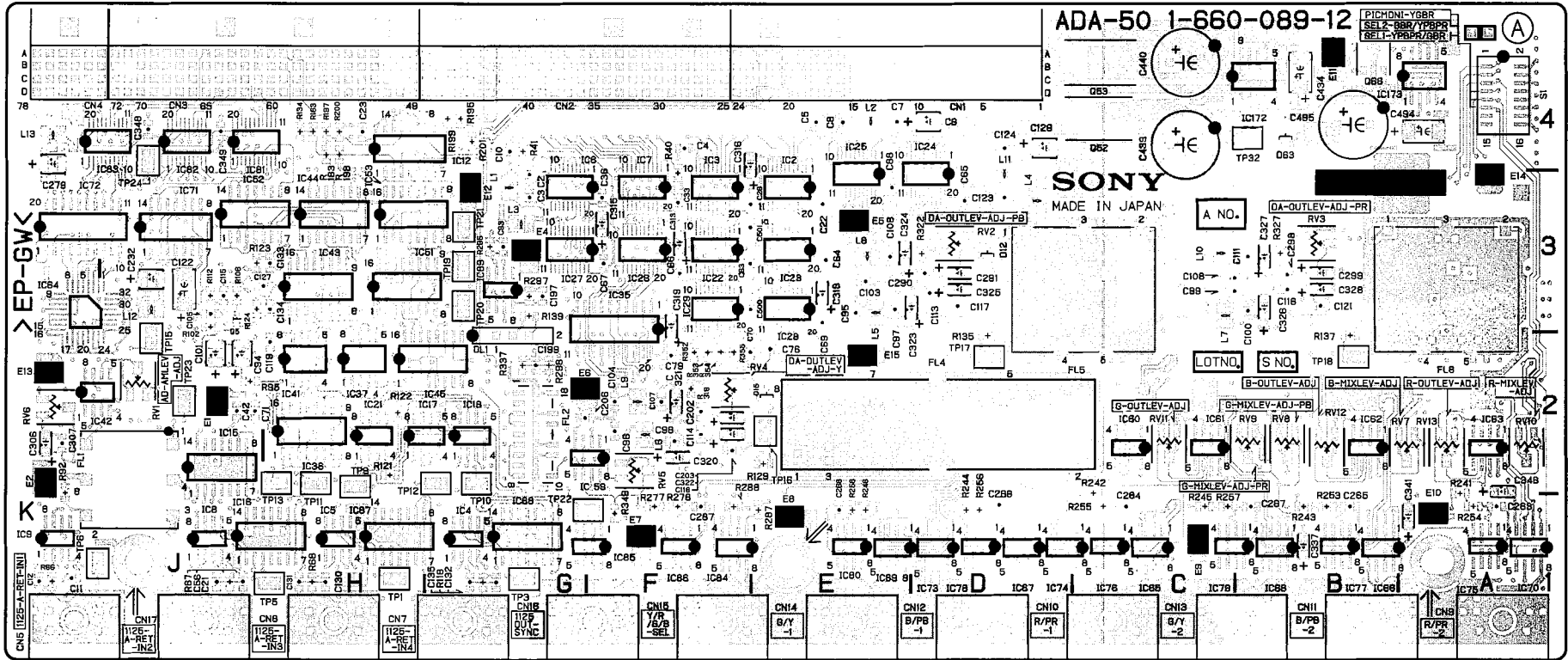


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1-660-089-13

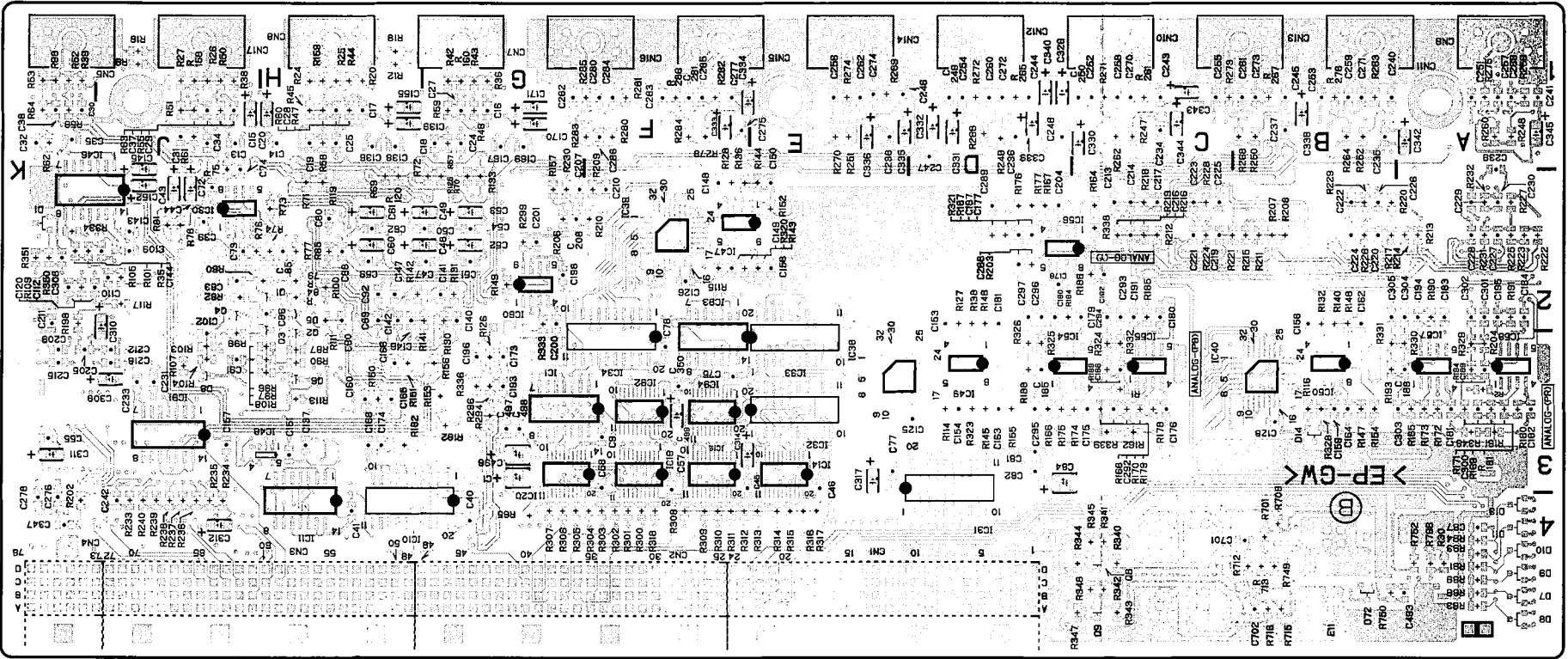
HKCU-702 (SY) : LOT No. 603 to 607

ADA-50 (1-660-089-12)																			
*: B SIDE																			
C1	*G3	C93	G3	C186	*C3	C278	*K4	CN5	K1	IC42	K2	R27	*J1	R131	*G2	R224	*C2	R321	*D2
C2	G3	C94	J2	C187	*D2	C279	K4	CN7	G1	IC43	H3	R30	*A4	R132	*B2	R225	*A2	R322	D3
C3	G3	C95	E3	C188	*A3	C280	*F1	CN8	H1	IC44	H3	R35	*K2	R133	*G2	R226	*B2	R323	*D3
C4	F4	C96	F2	C189	*A3	C281	*F1	CN9	A1	IC45	H2	R36	*G1	R134	H4	R227	*A2	R324	*C3
C5	E4	C97	E3	C190	*D2	C282	*G1	CN10	C1	IC46	*J1	R38	*J1	R135	D2	R228	*C2	R325	*D3
C6	D4	C98	F2	C191	*C2	C283	*F1	CN11	B1	IC47	*E2	R39	*K1	R136	*F2	R229	*B2	R326	*D3
C7	E4	C99	C3	C192	*C2	C284	*F1	CN12	D1	IC48	*H3	R40	F3	R137	B2	R230	*G2	R327	B3
C8	E4	C100	B3	C193	*G3	C285	*F1	CN13	B1	IC49	*D3	R41	G4	R138	*D2	R231	*A2	R328	*B3
C9	*F3	C101	J2	C194	*A2	C286	*F1	CN14	E1	IC50	*B3	R42	*G1	R139	G3	R232	*A2	R329	*A3
C10	G4	C102	*J3	C195	*A2	C287	F1	CN15	F1	IC51	H3	R43	*G1	R140	*B2	R233	*J4	R330	*A3
C11	K1	C103	E3	C196	*G3	C288	*D2	CN16	F1	IC52	J3	R44	*H1	R141	*G2	R234	*J4	R331	*B3
C12	K1	C104	F2	C197	G3	C289	*D2	CN17	J1	IC53	H3	R45	*H1	R142	*H2	R235	*J4	R332	*C3
C13	*J1	C105	J3	C198	*G2	C290	D3			IC54	*D3	R46	*G1	R143	*E2	R236	*J4	R333	*G2
C14	*H1	C106	E3	C199	G2	C291	D3	D1	*K2	IC55	*C3	R47	*H1	R144	*E2	R237	*J4	R334	*K2
C15	*J1	C107	F2	C200	*G2	C292	*C3	D5	*H2	IC56	*C2	R50	*J1	R145	*D3	R238	*J4	R336	*G3
C16	*G1	C108	C3	C201	*G2	C293	*C2	D6	*A4	IC57	*A3	R51	*J1	R146	*D2	R239	*J4	R337	G2
C17	*H1	C109	*J2	C202	F2	C294	*C2	D7	*A4	IC58	*A3	R52	*K1	R147	*B3	R240	*J4	R338	*C2
C18	*G1	C110	*J2	C203	F2	C295	*D3	D8	*J3	IC59	F2	R53	*K1	R148	*B2	R241	A2	R339	*C3
C19	*H1	C111	B3	C204	*D2	C296	*D2	D9	*A4	IC60	C2	R55	*J1	R149	*G2	R242	C2	R340	*C4
C20	*H1	C112	*K2	C205	*K3	C297	*D2	D10	*A4	IC61	C2	R56	*K1	R150	*H3	R243	B1	R341	*C4
C21	J1	C113	D3	C206	G2	C298	B3	D11	*A4	IC62	B2	R57	*G1	R151	*H3	R244	D1	R342	*C4
C22	B3	C114	F2	C207	*G2	C299	B3	D12	D3	IC63	A2	R58	*H1	R152	*E2	R245	C1	R343	*C4
C23	H4	C115	J3	C208	*G2	C300	*A3	D13	*A4	IC64	K3	R59	*G1	R153	*G2	R246	E1	R344	*C4
C24	*G1	C116	B3	C209	*K3	C301	*A2	D14	*B3	IC65	C1	R60	*H1	R154	*B3	R247	*C1	R345	*C4
C25	*H1	C117	D3	C210	*F2	C302	*A2	D15	E2	IC66	B1	R61	*J1	R155	*D3	R248	*A1	R346	*C4
C26	F3	C118	F2	C211	*K2	C303	*A3	D63	B4	IC67	D1	R62	*K1	R156	*G3	R249	*D1	R347	*C4
C27	*G1	C119	H2	C212	*J3	C304	*A2	D72	*B4	IC68	B1	R63	*J1	R157	*G2	R250	*B1	R348	*A3
C28	*H1	C120	*K2	C213	*C2	C305	*B2			IC69	E1	R64	*K1	R158	*J1	R251	*E1	R349	F1
C29	*J1	C121	B3	C214	*C2	C306	K2	DL1	G2	IC70	A1	R65	*G4	R159	*H1	R252	*B1	R350	*K2
C30	*K1	C122	J3	C215	*K3	C307	K2			IC71	J3	R66	K1	R160	*G1	R253	B1	R351	*K2
C31	*J1	C123	D3	C216	*C2	C308	*K2	E1	J2	IC72	K3	R67	J1	R161	*A3	R254	A1	R352	F2
C32	*K1	C124	D4	C217	*C2	C309	*J3	E2	K2	IC73	D1	R68	H1	R162	*C3	R255	C1	R353	F2
C33	F3	C125	*D3	C218	*J3	C310	*J2	E4	G3	IC74	C1	R69	*H2	R163	H4	R256	D1	R354	F2
C34	*J1	C126	*F2	C219	*C2	C311	*K3	E5	E3	IC75	A1	R70	*G2	R164	*C2	R257	C1	R355	F2
C35	*K1	C127	H3	C220	*B2	C312	*J4	E6	G2	IC76	C1	R71	*H2	R165	*A3	R258	E1	R701	*B4
C36	F3	C128	*B3	C221	*C2	C313	F3	E7	F1	IC77	B1	R72	*G2	R166	*D3	R259	*A1	R708	*B4
C37	*J1	C129	D4	C222	*B2	C314	*F3	E8	E1	IC78	D1	R73	*H2	R167	*D2	R260	*A1	R712	*B4
C38	*K1	C130	H1	C223	*C2	C315	F3	E9	C1	IC79	B1	R74	*H2	R168	*C3	R261	*C1	R713	*B4
C39	*J2	C131	H1	C224	*B2	C316	F4	E10	A1	IC80	E1	R75	*J2	R169	*A3	R262	*C1	R715	*B4
C40	*G4	C132	G1	C225	*C2	C317	*E3	E11	B4	IC81	J4	R76	*J2	R170	*C3	R263	*B1	R716	*B4
C41	*H4	C133	H3	C226	*B2	C318	E3	E12	G3	IC82	J4	R77	*H2	R171	*A3	R264	*B1	R749	*B4
C42	J2	C134	H3	C227	*A2	C319	F3	E13	K2	IC83	K4	R78	*J2	R172	*A3	R265	*D1	R750	*B4
C43	*J2	C135	G1	C228	*A2	C320	F2	E14	A3	IC84	F1	R79	*H2	R173	*A3	R266	*D1	R752	*A4
C44	*J2	C136	*H1	C229	*A2	C321	F2	E15	E2	IC85	F1	R80	*H2	R174	*C3	R267	*B1	R796	*A4
C45	*F3	C137	*H3	C230	*A2	C322	F2			IC86	F1	R81	*J2	R175	*D3	R268	*B1	RV1	J2
C46	*E3	C138	*H1	C231	*J3	C323	D3	FL1	J2	IC87	H1	R82	*J2	R176	*D2	R269	*E1	RV2	D3
C47	*G2	C139	*H1	C232	J3	C324	E3	FL2	G2	IC88	G1	R83	*A4	R177	*D2	R270	*E1	RV3	B3
C48	*G2	C140	*G2	C233	*J3	C325	D3	FL4	D2	IC89	G3	R84	*H2	R178	*C3	R271	*C1	RV4	F2
C49	*G2	C141	*G2	C234	*C1	C326	B3	FL5	C3	IC90	*G2	R85	*H2	R179	*C3	R272	*D1	RV5	F2
C50	*G2	C142	*H2	C235	*B1	C327	B3	FL6	A3	IC91	*J3	R86	*A4	R180	*A3	R273	*C1	RV6	K2
C51	*G2	C143	*J2	C236	*D1	C328	B3			IC92	*F3	R87	*H3	R181	*A3	R274	*E1		
C52	*G2	C144	*J2	C237	*B1	C329	*D1	IC1	*F3	IC93	*F2	R89	*A4	R182	*H3	R275	*A1	RV7	A2
C53	*G2	C145	*J2	C238	*E1	C330	*C1	IC2	E4	IC94	*F3	R90	*H3	R183	H4	R276	*B1	RV8	B2
C54	*G2	C146	*H2	C239	*A2	C331	*D1	IC3	F4	IC172	B4	R91	*A4	R184	*D2	R277	F1	RV9	B2
C55	*K3	C147	*H2	C240	*B1	C332	*D1	IC4	G1	IC173	A4	R92	K2	R185	*C2	R278	F1	RV10	A2
C56	J1	C148	*F2	C241	*A1	C333	*F1	IC5	H1			R93	*A4	R186	*C2	R279	*F1	RV11	C2
C57	*F3	C149	*F2	C242	*J4	C334	*F1	IC6	F4	L1	G3	R94	*A4	R187	*D2	R280	*F1	RV12	B2
C58	*H3	C150	*E2	C243	*C1	C335	*E1	IC7	F4	L2	E4	R95	J2	R188	*D3	R281	*F1	RV13	A2
C59	*H2	C151	*H3	C244	*D1	C336	*E1	IC8	J1	L3	G3	R96	*H3	R189	*C3	R282	*F1		
C60	*H2	C152	*J2	C245	*B1	C337	B1	IC9	K1	L4	D3	R97	*H3	R190	*A2	R283	*F1	S1	A4
C61	*H2	C153	*D2	C246	*E1	C338	*B1	IC10	*G3	L5	E3	R98	*K1	R191	*A2	R284	*F1		
C62	*H2	C154	*D3	C247	*D1	C339	*D1	IC11	*H3	L6	F2	R99	*J3	R192	*G3	R285	*F1	TP1	H1
C63	F3	C155	*H1	C248	*D1	C340	*D1	IC12	H3	L7	C3	R100	*H2	R193	*B3	R286	*F1	TP3	G1
C64	E3	C156	*E2	C249	*D1	C341	A1	IC13	*F3	L8	E3	R101	*K2	R194	*A3	R287	E1	TP5	H1
C65	D3	C157	*J3	C250	*C1	C342	*A1	IC14	*E3	L9	F2	R102	J3	R195	G4	R288	F1	TP6	K1
C66	F3	C158	*B2	C251	*A1	C343	*C1	IC15	J2	L10	C3	R103	*J3	R196	*K2	R294	*G3	TP9	H2
C67	F3	C159	*B3	C252	*C1	C344	*C1	IC16	J1	L11	D3	R104	*J3	R197	H4	R295	G3	TP10	G2
C68	E3	C160	*H3	C253	*B1	C345	*A1	IC17	H2	L12	J3	R105	*J2	R198	H4	R296	*G3	TP11	H2
C69	E3	C161	*D2	C254	*D1	C346	A2	IC18	G2	L13	K4	R106	J3	R199	G4	R297	G3	TP12	G2
C70	F2	C162	*B2	C255	*C1	C347	*K4	IC19	*F3			R107	*J3	R200	H4	R298	G2	TP13	H2
C71	J2	C163	*D3	C256	*E1	C348	J4	IC20	*F3	Q1	*H2	R108	*H3	R201	G4	R299	*G2	TP15	J2
C72	*J2	C164	*B3	C257	*A1	C349	J4	IC21	H2	Q2	*H3	R109	*K2	R202	*K4	R300	*F4	TP16	E2
C73	*J2	C165	*H3	C258	*C1	C350	*F3	IC22	F3	Q3	*H2	R111	*H2	R203	*D2	R301	*F4</		

HKCU-702 (SY) : LOT No. 603 to 607



ADA-50 -A SIDE-
1-660-089-12

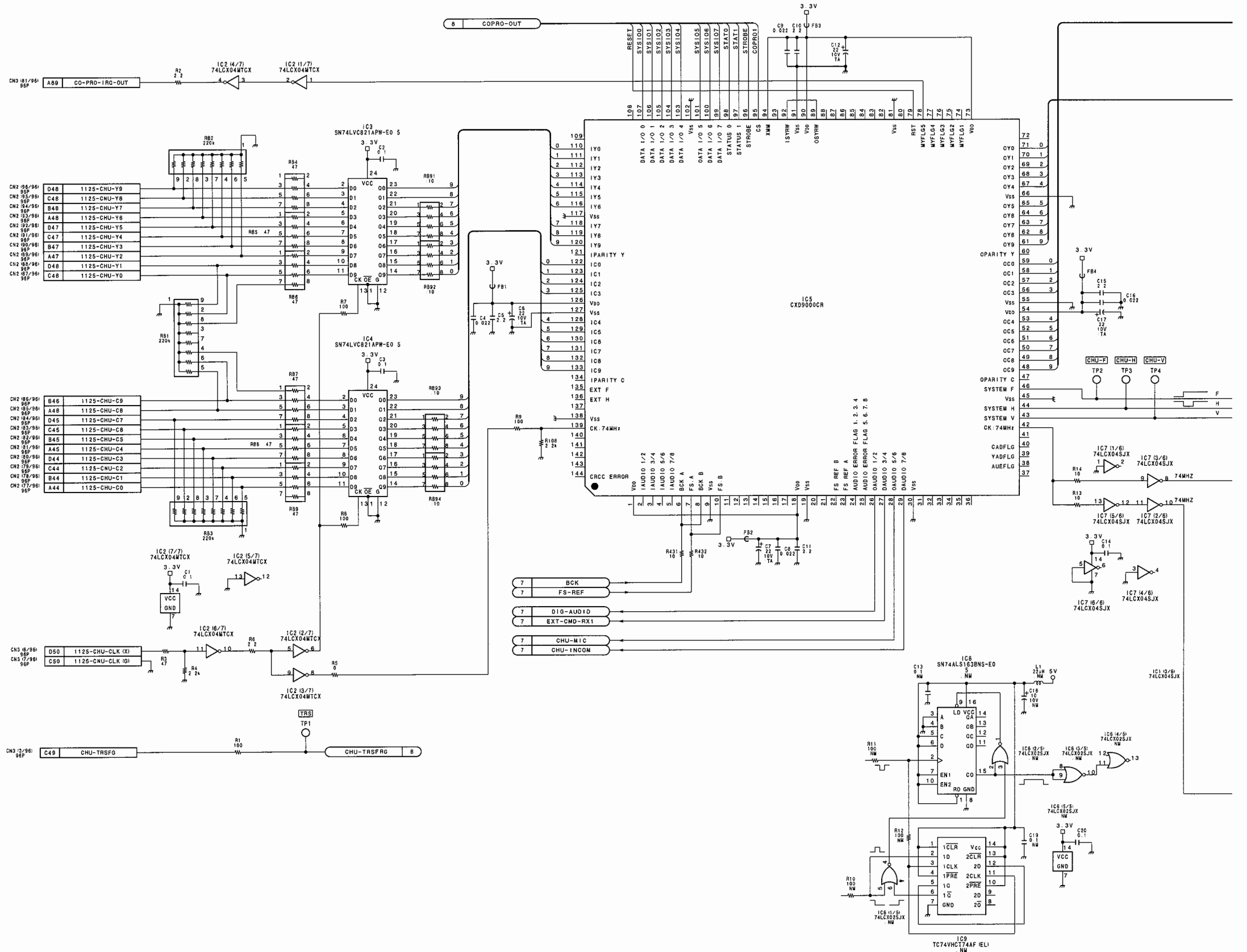


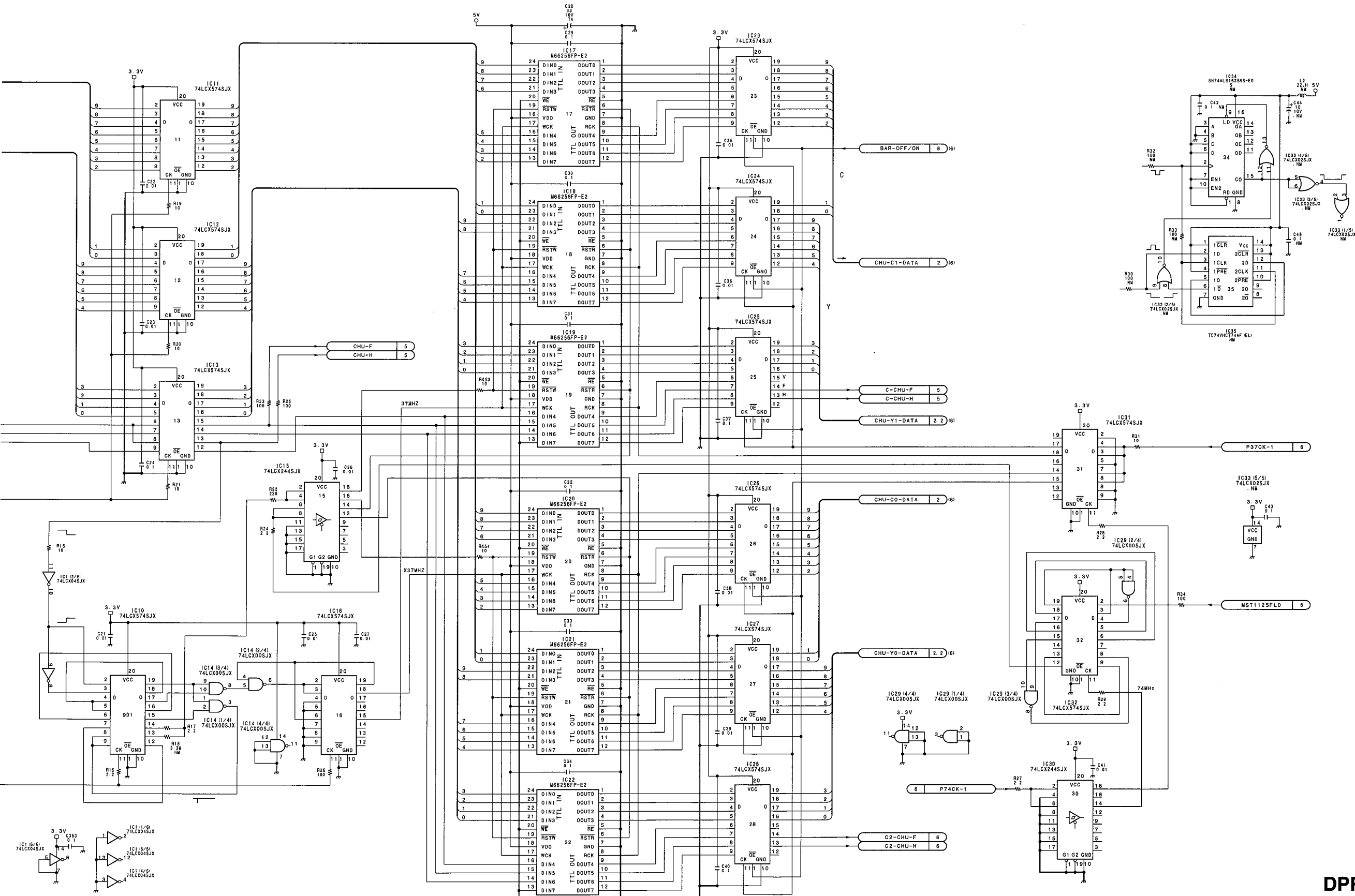
ADA-50 -B SIDE-
1-660-089-12

Section 8
Schematic Diagrams

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

Pin	I/O	Destination	Pin	I/O	Destination
A16	I	AT, 1-A16	A28	O	SDI, 2-A28
B16	I	AT, 1-B16	C29	O	SDI, 2-C29
C16	I	AT, 1-C16	D29	O	SDI, 2-D29
D16	I	AT, 1-D16	A30	O	SDI, 2-A30
A17	I	AT, 1-A17	B30	O	SDI, 2-B30
B17	I	AT, 1-B17	C30	O	SDI, 2-C30
C17	I	AT, 1-C17	D30	O	SDI, 2-D30
D17	I	AT, 1-D17	A31	O	SDI, 2-A31
A18	I	AT, 1-A18	B31	O	SDI, 2-B31
B18	I	AT, 1-B18	C31	O	SDI, 2-C31
C18	I	AT, 1-C18	D31	O	SDI, 2-D31
D18	I	AT, 1-D18	A32	O	SDI, 2-A32
A20	O	SDI, 1-A20	B32	O	SDI, 2-B32
B20	O	SDI, 1-B20	C32	O	SDI, 2-C32
C20	O	SDI, 1-C20	D32	O	SDI, 2-D32
D20	O	SDI, 1-D20	A33	O	SDI, 2-A33
A21	O	SDI, 1-A21	B33	O	SDI, 2-B33
B21	O	SDI, 1-B21	C33	O	SDI, 2-C33
C21	O	SDI, 1-C21	D33	O	SDI, 2-D33
D21	O	SDI, 1-D21	A34	O	SDI, 2-A34
A22	O	SDI, 1-A22	B34	O	SDI, 2-B34
B22	O	SDI, 1-B22	A35	O	RC, 2-A35
C22	O	SDI, 1-C22	B35	O	RC, 2-B35
D22	O	SDI, 1-D22	C35	O	RC, 2-C35
A23	O	SDI, 1-A23	D35	O	RC, 2-D35
B23	O	SDI, 1-B23	A36	O	RC, 2-A36
C23	O	SDI, 1-C23	B36	O	RC, 2-B36
D23	O	SDI, 1-D23	C36	O	RC, 2-C36
A24	O	SDI, 1-A24	D36	O	RC, 2-D36
B24	O	SDI, 1-B24	A37	O	RC, 2-A37
C24	O	SDI, 1-C24	B37	O	RC, 2-B37
D24	O	SDI, 1-D24	C37	O	RC, 2-C37
			D37	O	RC, 2-D37
			A38	O	RC, 2-A38
			B38	O	RC, 2-B38
			C38	O	RC, 2-C38
			D38	O	RC, 2-D38
			A39	O	RC, 2-A39
			B39	O	RC, 2-B39
			C39	O	RC, 2-C39
			D39	O	RC, 2-D39
			A40	O	RC, 2-A40
			B40	O	RC, 2-B40
			C40	O	RC, 2-C40
			D40	O	RC, 2-D40
			B41	O	RC, 2-B41
			C41	O	RC, 2-C41
			D41	O	RC, 2-D41
			A42	O	RC, 2-A42
			B42	O	RC, 2-B42
			C42	O	RC, 2-C42
			D42	O	RC, 2-D42
			A44	I	SDI, 2-A44
			B44	I	SDI, 2-B44
			C44	I	SDI, 2-C44
			D44	I	SDI, 2-D44
			A45	I	SDI, 2-A45
			B45	I	SDI, 2-B45
			C45	I	SDI, 2-C45
			D45	I	SDI, 2-D45
			A46	I	SDI, 2-A46
			B46	I	SDI, 2-B46
			C46	I	SDI, 2-C46
			D46	I	SDI, 2-D46
			A47	I	SDI, 2-A47
			B47	I	SDI, 2-B47
			C47	I	SDI, 2-C47
			D47	I	SDI, 2-D47
			A48	I	SDI, 2-A48
			B48	I	SDI, 2-B48
			C48	I	SDI, 2-C48
			D48	I	SDI, 2-D48

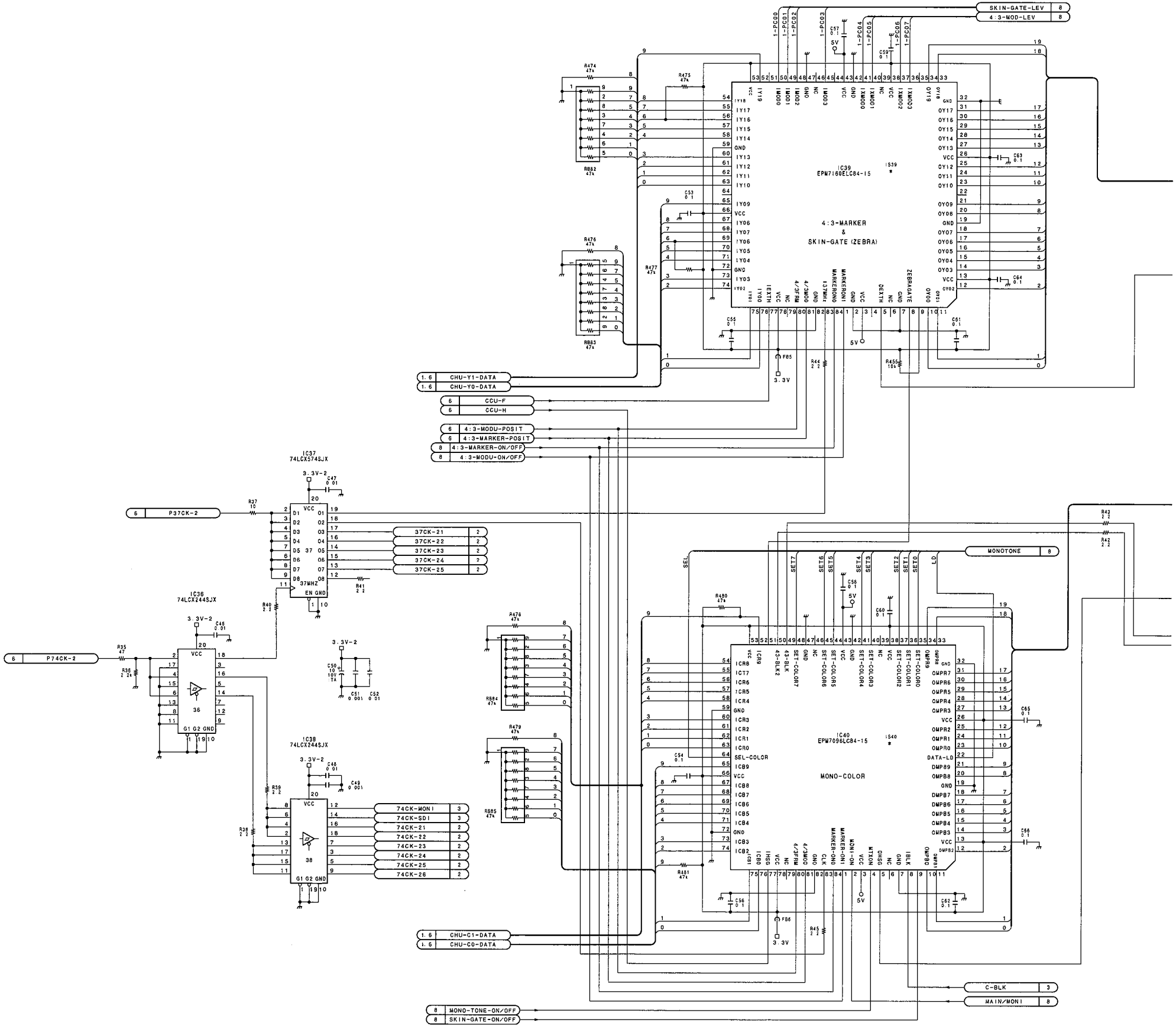




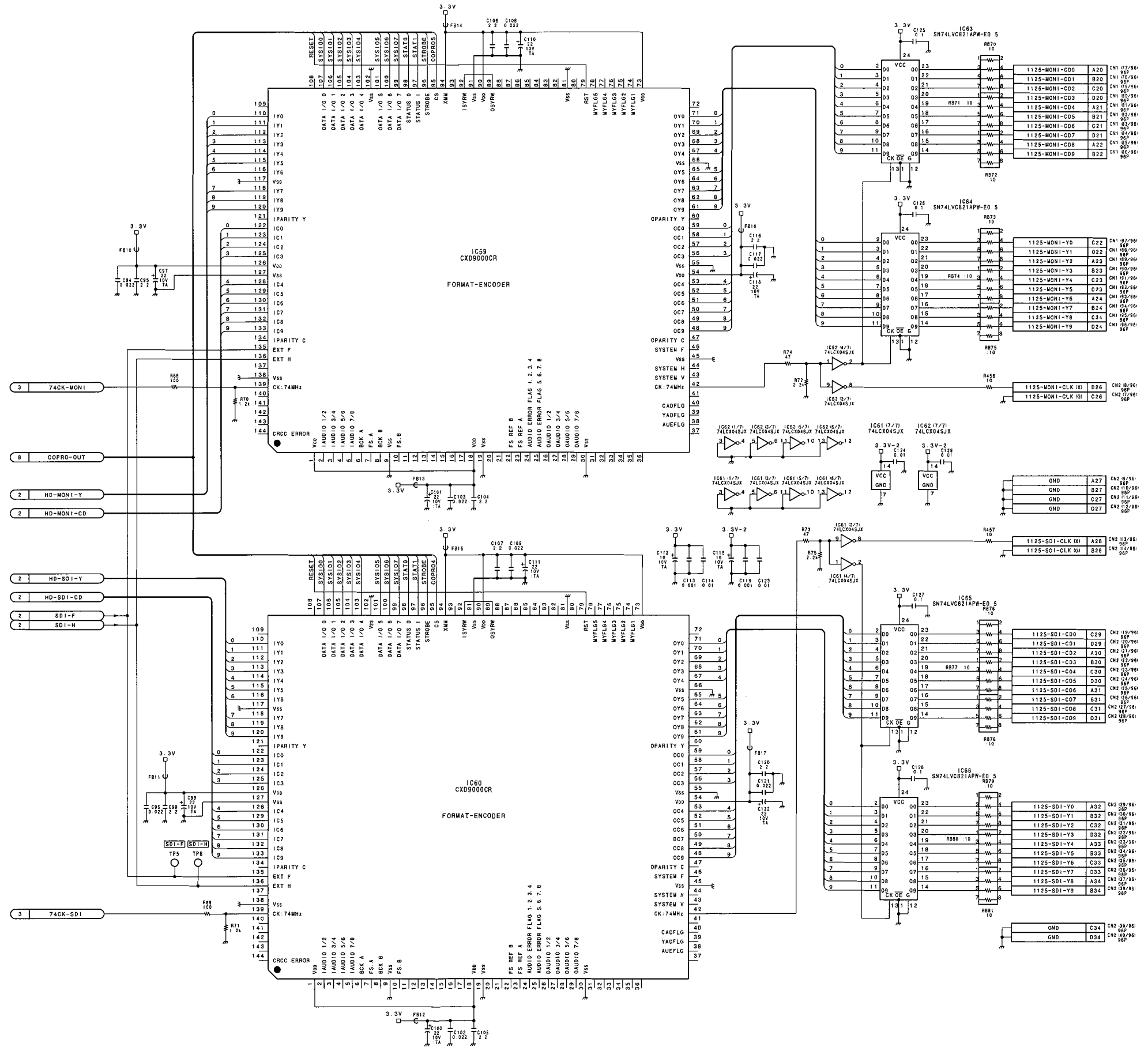
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

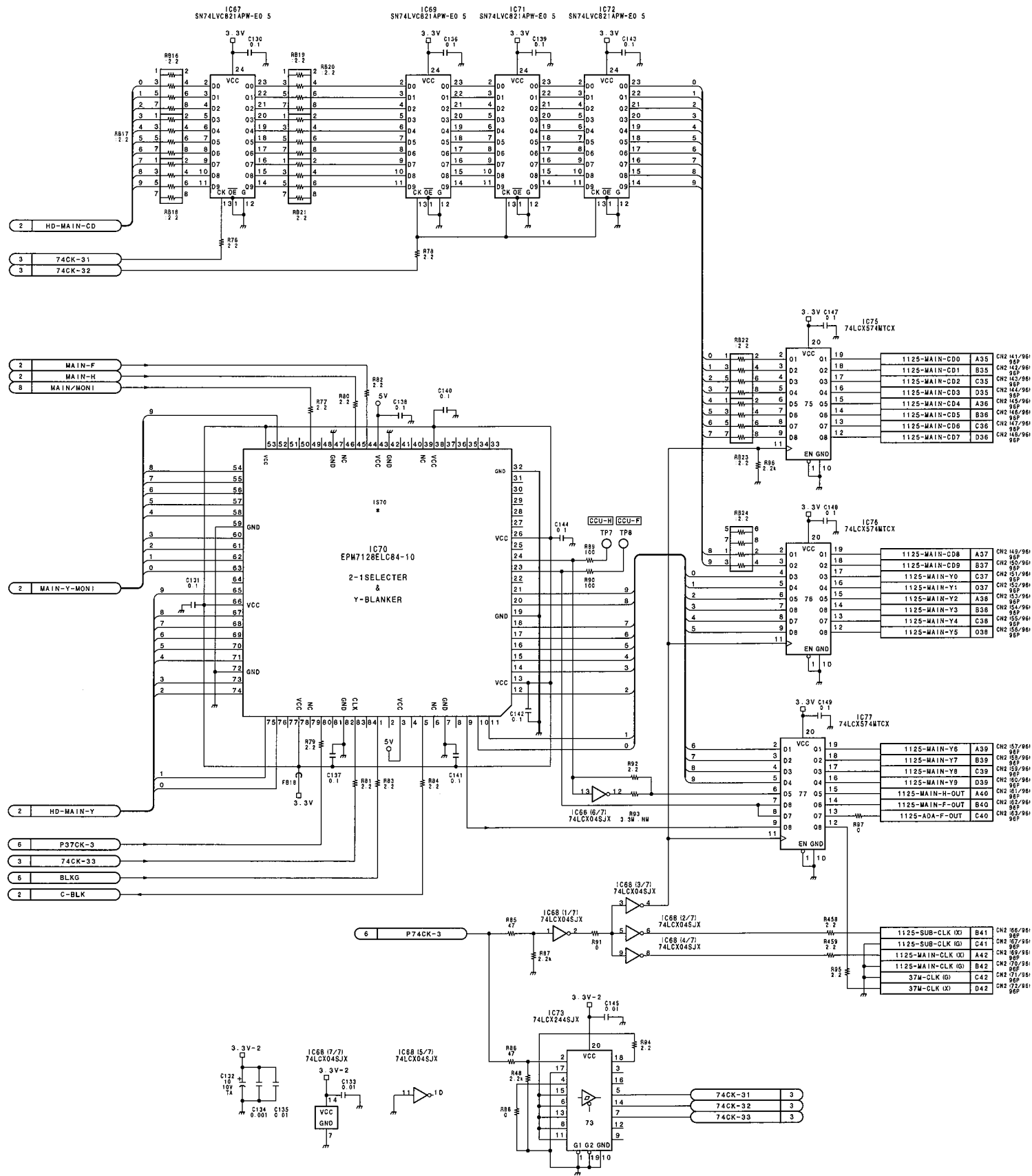
DPR-108 CN3 DPR-108 CN4
Pin I/O Destination Pin I/O Destination

A52	O	SDI, 3-A52	A73	I	AT, 4-A73
A54	O	SDI, 3-A54	B73	I	AT, 4-B73
B54	O	SDI, 3-B54	C73	I	AT, 4-C73
C54	O	SDI, 3-C54	D73	I	AT, 4-D73
D54	O	SDI, 3-D54	B74	I	AT, 4-B74
A55	O	SDI, 3-A55	A85	I	RC, 4-A85
B55	O	SDI, 3-B55	B85	I	RC, 4-B85
C55	O	SDI, 3-C55	C85	I	RC, 4-C85
D55	O	SDI, 3-D55	D85	I	RC, 4-D85
A56	O	SDI, 3-A56	B86	I	RC, 4-B86
B56	O	SDI, 3-B56	C86	I	RC, 4-C86
C56	O	SDI, 3-C56	D86	I	RC, 4-D86
D56	O	SDI, 3-D56	A87	I	RC, 4-A87
A57	O	SDI, 3-A57	B87	I	RC, 4-B87
B57	O	SDI, 3-B57	C87	I	RC, 4-C87
C57	O	SDI, 3-C57	D87	I	RC, 4-D87
D57	O	SDI, 3-D57	A88	I	RC, 4-A88
A58	O	SDI, 3-A58	B88	I	RC, 4-B88
B58	O	SDI, 3-B58	C88	I	RC, 4-C88
C58	O	SDI, 3-C58	D88	I	RC, 4-D88
D58	O	SDI, 3-D58	A89	I	RC, 4-A89
A59	I	AT, 3-D63	B89	I	RC, 4-B89
B59	I	AT, 3-D62	C89	I	RC, 4-C89
C59	I	AT, 3-A64	D89	I	RC, 4-D89
A60	I	SDI, 3-A60	A90	I	RC, 4-A90
A62	I	SDI, 3-A62	B90	I	RC, 4-B90
B62	I	SDI, 3-B62	C90	I	RC, 4-C90
C62	I	SDI, 3-C62	D90	I	RC, 4-D90
D62	I	SDI, 3-D62	A92	O	EXT COMMAND, 103-3
A63	I	SDI, 3-A63	B92	O	EXT COMMAND, 103-7
B63	I	SDI, 3-B63	C92	I	EXT COMMAND, 103-2
C63	I	SDI, 3-C63	D92	I	EXT COMMAND, 103-8
D63	I	SDI, 3-D63	A93	O	AT, 4-A93
A64	I	SDI, 3-A64	B93	O	AT, 4-B93
B64	I	SDI, 3-B64	C93	O	RC, 4-C93
C64	I	SDI, 3-C64	D93	I	RC, 4-D93
D64	I	SDI, 3-D64	A94	O	AT, 4-A94
A65	I	SDI, 3-A65	B94	O	AT, 4-B94
B65	I	SDI, 3-B65	C94	O	RC, 4-C94
C65	I	SDI, 3-C65	D94	I	RC, 4-D94
D65	I	SDI, 3-D65	A95	O	CHARACTER, 112
A66	I	SDI, 3-A66	B95	O	CHARACTER, 112
B66	I	SDI, 3-B66	D95	O	AT, 4-D95
C66	I	SDI, 3-C66			
D66	I	SDI, 3-D66			
A67	I	AT, 3-A66			
C67	I	AT, 3-C66			
D67	I	AT, 3-D66			
A68	I	AT, 3-D65			
B68	I	AT, 3-B68			
A69	O	AT, 3-C65			
B69	I	AT, 3-C68			
C69	I	AT, 3-C69			
D69	I	AT, 3-D69			
A70	I	AT, 3-A70			
B70	I	AT, 3-B70			
C70	I	AT, 3-C70			
D70	I	AT, 3-D70			
A71	I/O	RC, 3-A71			
		IF, 3-A71			
B71	I/O	RC, 3-B71			
		IF, 3-B71			
C71	I/O	RC, 3-C71			
		IF, 3-C71			
D71	I/O	RC, 3-D71			
		IF, 3-D71			
A72	I/O	RC, 3-A72			
		IF, 3-A72			
B72	I/O	RC, 3-B72			
		IF, 3-B72			
C72	I/O	RC, 3-C72			
		IF, 3-C72			
D72	I/O	RC, 3-D72			
		IF, 3-D72			



HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

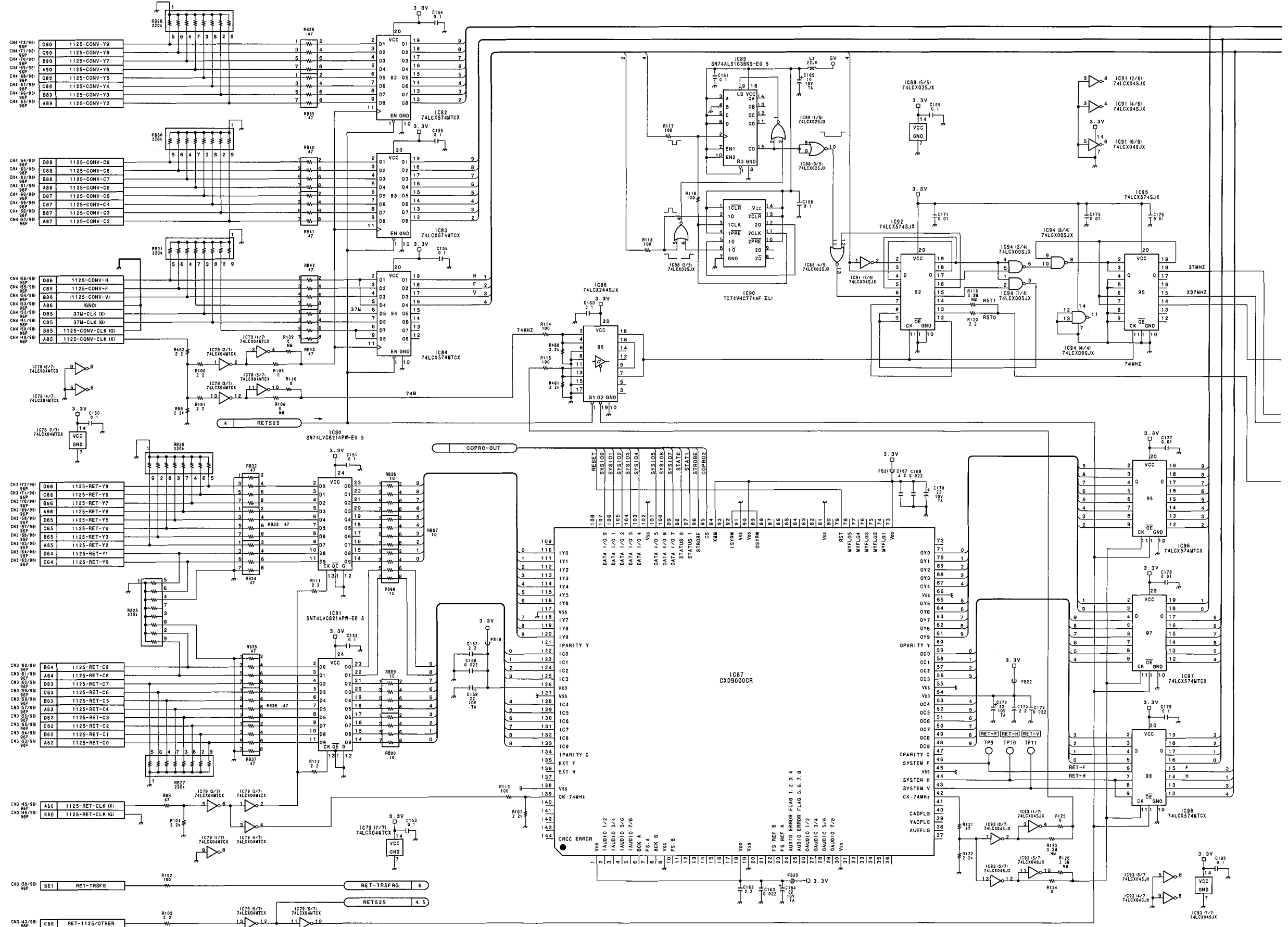


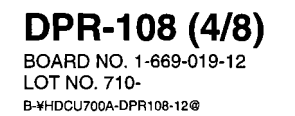


DPR-108 (3/8)

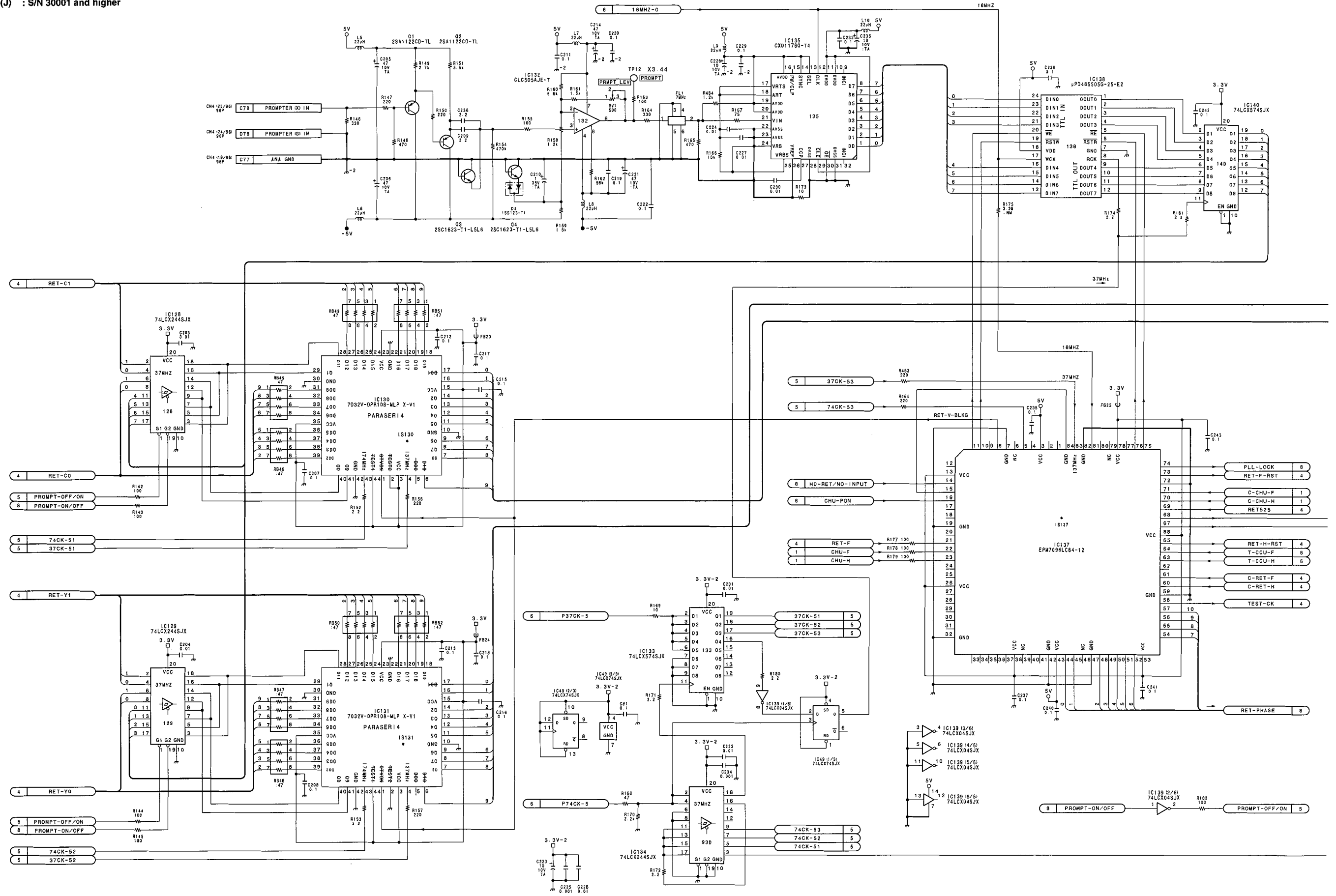
BOARD NO. 1-669-019-12
LOT NO. 710-
B-¥HDCU700A-DPR108-12@

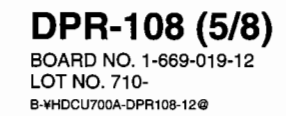
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher





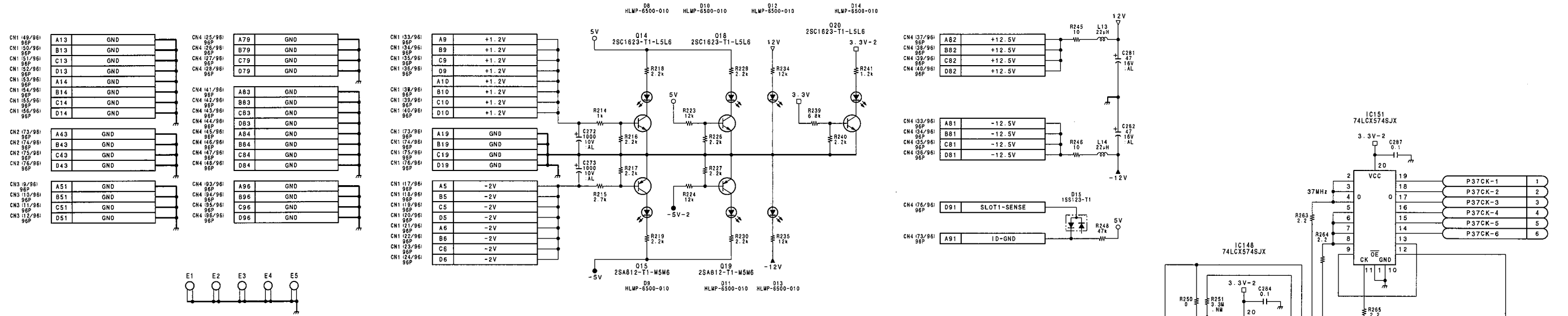
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher



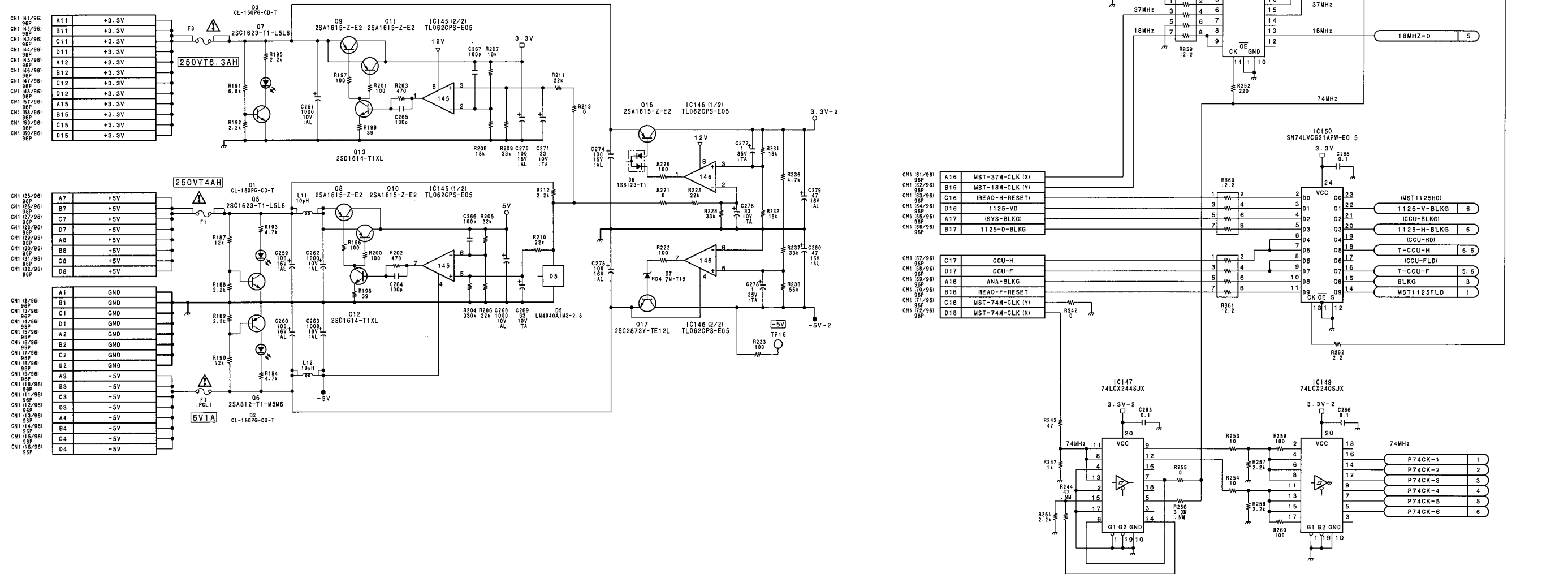


HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

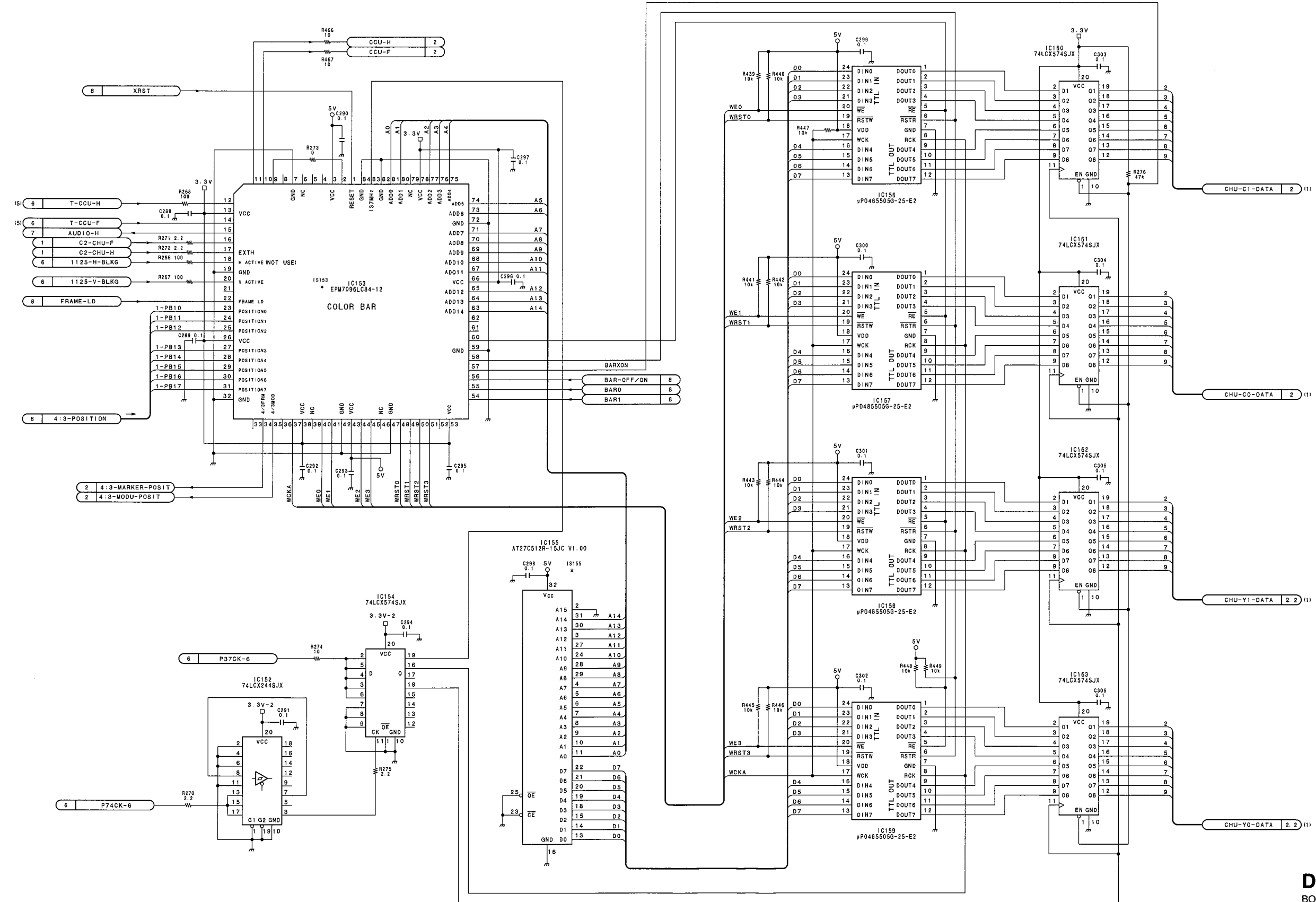
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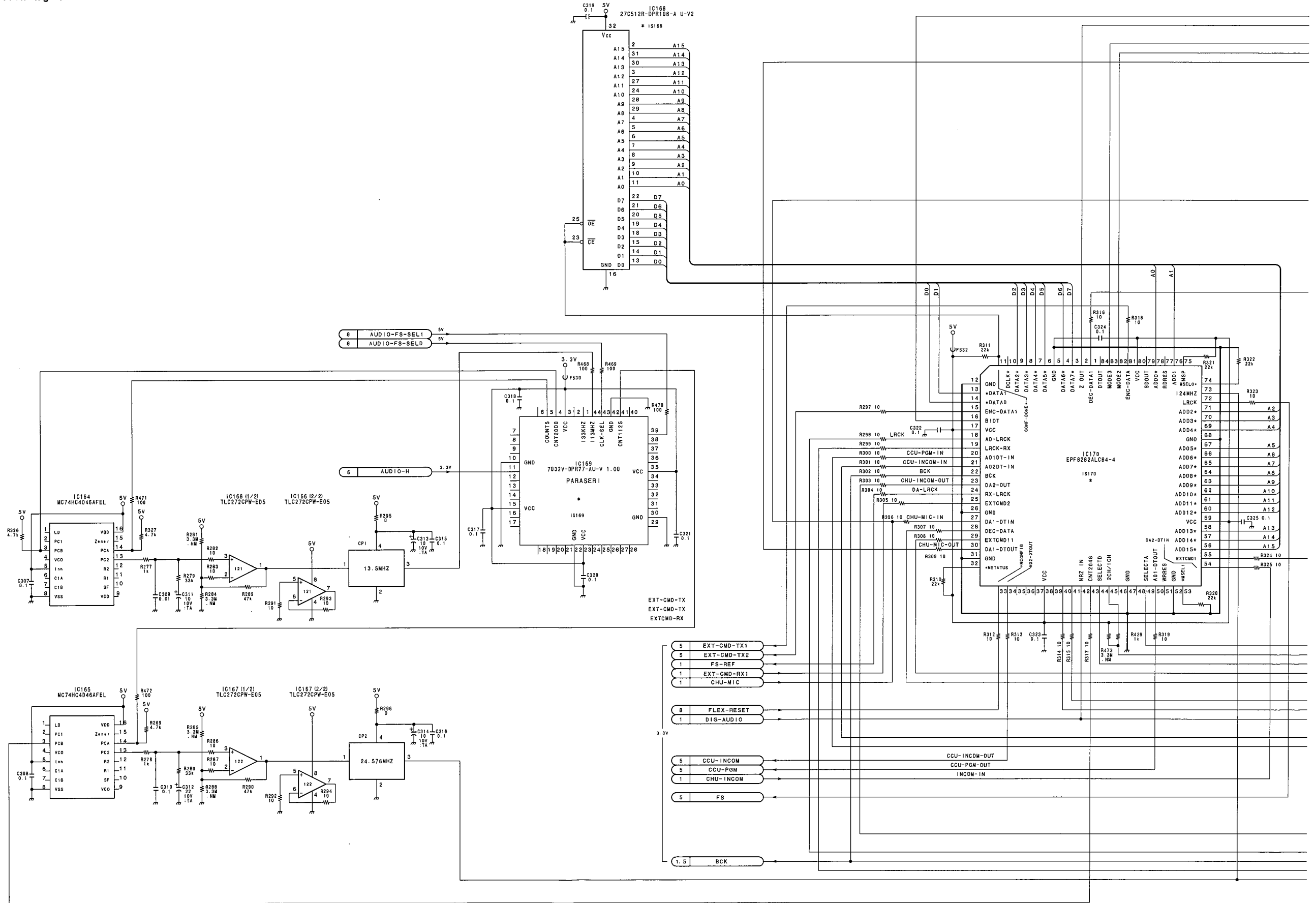


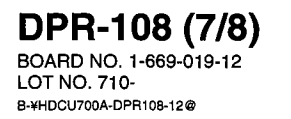
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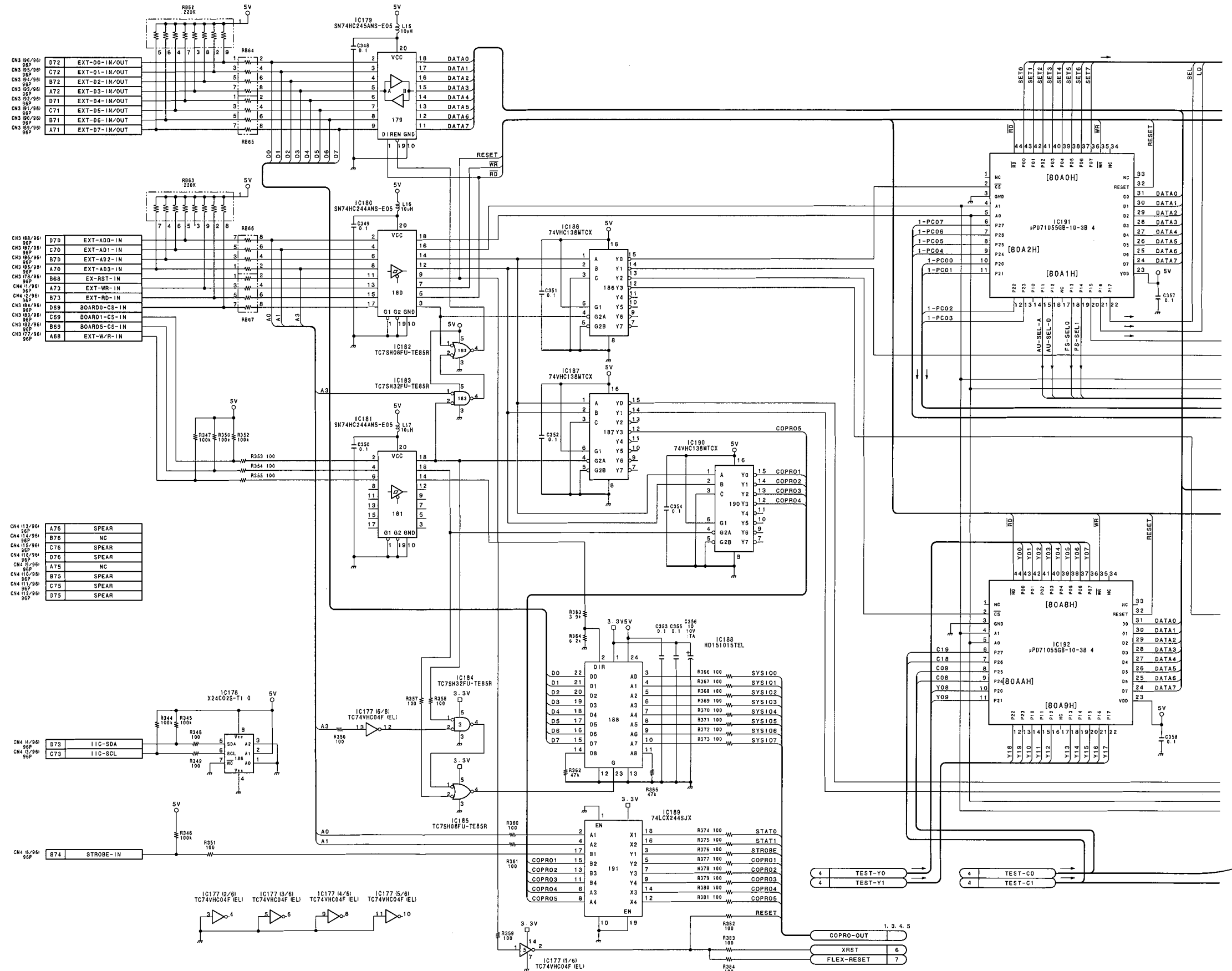
DPR-108 (6/8)
BOARD NO. 1-669-019-12
LOT NO. 710-
B-HDCU700A-DPR108-12@

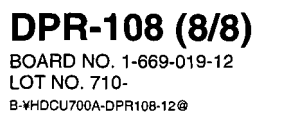
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher





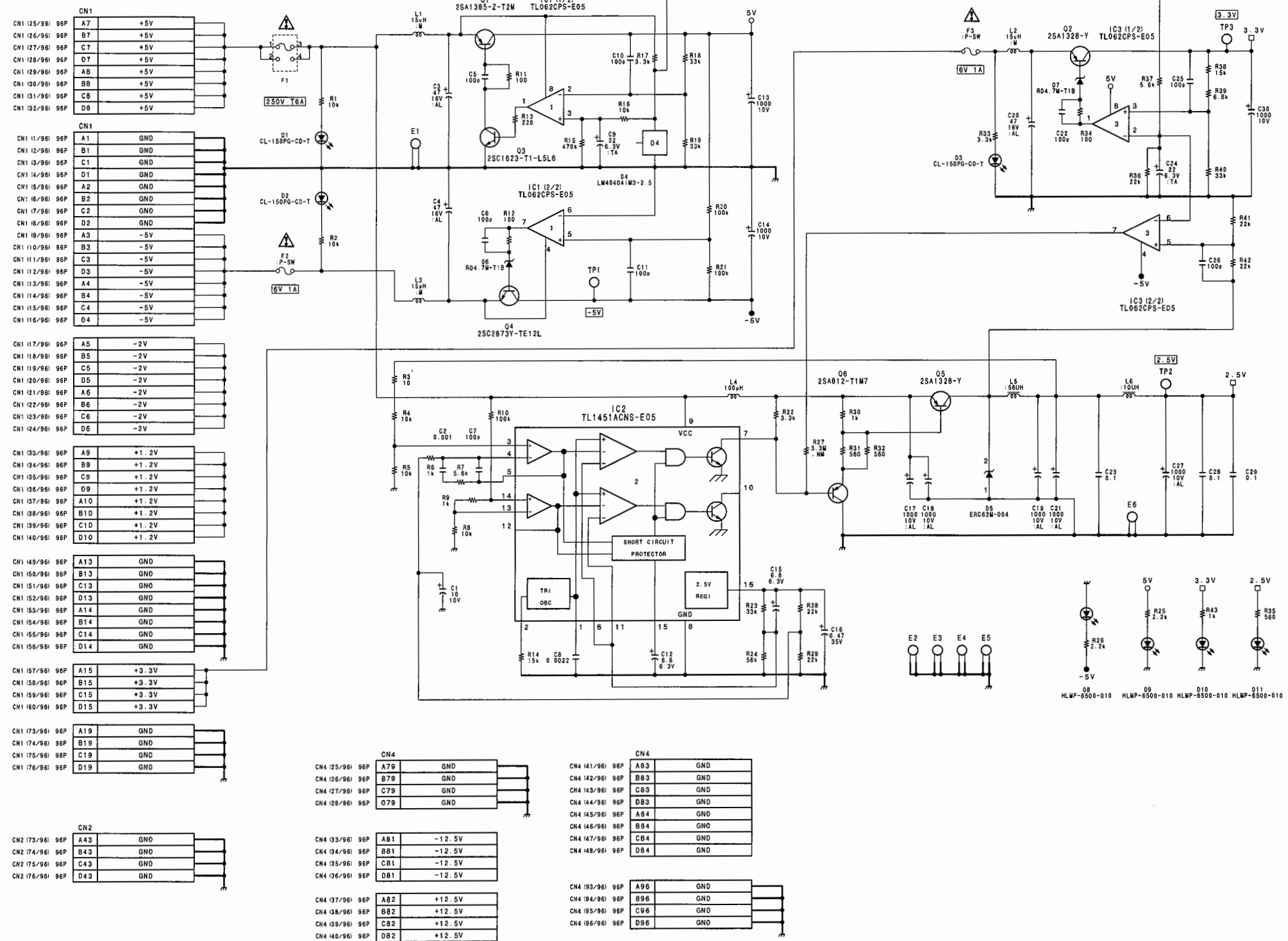
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher





HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

RC-70 CN1			RC-70 CN3		
Pin	I/O	Destination	Pin	I/O	Destination
A11	I	AT, 1-A11	A49	O	IF, 3-A49
B11	I	AT, 1-B11	B49	O	IF, 3-B49
C11	I	AT, 1-C11	C49	O	IF, 3-C49
D11	I	AT, 1-D11	D49	O	IF, 3-D49
A12	I	AT, 1-A12	A50	O	IF, 3-A50
B12	I	AT, 1-B12	B50	O	IF, 3-B50
C12	I	AT, 1-C12	C50	O	IF, 3-C50
D12	I	AT, 1-D12	D50	O	IF, 3-D50
A20	I	AT, 1-A20	A51	O	IF, 3-A51
D20	I	AT, 1-D20	B51	O	IF, 3-B51
A21	I	AT, 1-A21	A52	O	IF, 3-A52
B21	I	AT, 1-B21	B52	O	IF, 3-B52
C21	I	AT, 1-C21	C52	O	IF, 3-C52
A22	I	AT, 1-A22	D52	O	IF, 3-D52
B22	I	AT, 1-B22	C53	O	IF, 3-C53
C22	I	AT, 1-C22	D53	O	IF, 3-D53
D22	I	AT, 1-D22	A54	I	DIF, 3-A54
C23	I	AT, 1-C23	B54	I	DIF, 3-B54
D23	I	AT, 1-D23	C55	I	DIF, 3-C55
			D55	I	DIF, 3-D55
			A56	I	DIF, 3-A56
			B56	I	DIF, 3-B56
			C56	I	DIF, 3-C56
			D56	I	DIF, 3-D56
			A57	I	DIF, 3-A57
			B57	I	DIF, 3-B57
			C57	I	DIF, 3-C57
			D57	I	DIF, 3-D57
			B58	I	AT, 3-B58
			C58	I	AT, 3-C58
			D58	I	AT, 3-D58
			A59	I	AT, 3-A59
			B59	I	AT, 3-B59
			A60	I	IF, 3-A60
			B60	I	IF, 3-B60
			C60	I	IF, 3-C60
			D60	I	IF, 3-D60
			A61	I	IF, 3-A61
			B61	I	IF, 3-B61
			C61	I	IF, 3-C61
			D61	I	IF, 3-D61
			A62	I	IF, 3-A62
			B62	I	IF, 3-B62
			C62	I	IF, 3-C62
			D62	I	IF, 3-D62
			A63	I	IF, 3-A63
			B63	I	IF, 3-B63
			C63	I	IF, 3-C63
			D63	I	IF, 3-D63
			A64	I	IF, 3-A64
			B64	I	IF, 3-B64
			C64	I	IF, 3-C64
			D64	I	IF, 3-D64
			A65	I	IF, 3-A65
			B65	I	IF, 3-B65
			C65	I	IF, 3-C65
			D65	I	IF, 3-D65
			A67	I	AT, 3-A67
			D67	I	AT, 3-D67
			A68	I	AT, 3-A68
			B68	I	AT, 3-B68
			C68	I	AT, 3-C68
			D68	I	AT, 3-D68
			A69	I	AT, 3-A69
			B69	I	AT, 3-B69
			C69	I	AT, 3-C69
			D69	I	AT, 3-D69
			A70	I	AT, 3-A70
			B70	I	AT, 3-B70
			C70	I	AT, 3-C70
			D70	I	AT, 3-D70
			A71	I/O	DPR, 3-A71
			B71	I/O	DPR, 3-B71
			C71	I/O	DPR, 3-C71
			D71	I/O	DPR, 3-D71
			A72	I/O	DPR, 3-A72
			B72	I/O	DPR, 3-B72
			C72	I/O	DPR, 3-C72
			D72	I/O	DPR, 3-D72
			A73	I/O	DPR, 3-A73
			B73	I/O	DPR, 3-B73
			C73	I/O	DPR, 3-C73
			D73	I/O	DPR, 3-D73
			A74	I/O	DPR, 3-A74
			B74	I/O	DPR, 3-B74
			C74	I/O	DPR, 3-C74
			D74	I/O	DPR, 3-D74
			A75	I/O	DPR, 3-A75
			B75	I/O	DPR, 3-B75
			C75	I/O	DPR, 3-C75
			D75	I/O	DPR, 3-D75
			A76	I/O	DPR, 3-A76
			B76	I/O	DPR, 3-B76
			C76	I/O	DPR, 3-C76
			D76	I/O	DPR, 3-D76
			A77	I/O	DPR, 3-A77
			B77	I/O	DPR, 3-B77
			C77	I/O	DPR, 3-C77
			D77	I/O	DPR, 3-D77
			A78	I/O	DPR, 3-A78
			B78	I/O	DPR, 3-B78
			C78	I/O	DPR, 3-C78
			D78	I/O	DPR, 3-D78
			A79	I/O	DPR, 3-A79
			B79	I/O	DPR, 3-B79
			C79	I/O	DPR, 3-C79
			D79	I/O	DPR, 3-D79
			A80	I/O	DPR, 3-A80
			B80	I/O	DPR, 3-B80
			C80	I/O	DPR, 3-C80
			D80	I/O	DPR, 3-D80
			A81	I/O	DPR, 3-A81
			B81	I/O	DPR, 3-B81
			C81	I/O	DPR, 3-C81
			D81	I/O	DPR, 3-D81
			A82	I/O	DPR, 3-A82
			B82	I/O	DPR, 3-B82
			C82	I/O	DPR, 3-C82
			D82	I/O	DPR, 3-D82
			A83	I/O	DPR, 3-A83
			B83	I/O	DPR, 3-B83
			C83	I/O	DPR, 3-C83
			D83	I/O	DPR, 3-D83
			A84	I/O	DPR, 3-A84
			B84	I/O	DPR, 3-B84
			C84	I/O	DPR, 3-C84
			D84	I/O	DPR, 3-D84
			A85	I/O	DPR, 3-A85
			B85	I/O	DPR, 3-B85
			C85	I/O	DPR, 3-C85
			D85	I/O	DPR, 3-D85
			A86	I/O	DPR, 3-A86
			B86	I/O	DPR, 3-B86
			C86	I/O	DPR, 3-C86
			D86	I/O	DPR, 3-D86
			A87	I/O	DPR, 3-A87
			B87	I/O	DPR, 3-B87
			C87	I/O	DPR, 3-C87
			D87	I/O	DPR, 3-D87
			A88	I/O	DPR, 3-A88
			B88	I/O	DPR, 3-B88
			C88	I/O	DPR, 3-C88
			D88	I/O	DPR, 3-D88
			A89	I/O	DPR, 3-A89
			B89	I/O	DPR, 3-B89
			C89	I/O	DPR, 3-C89
			D89	I/O	DPR, 3-D89
			A90	I/O	DPR, 3-A90
			B90	I/O	DPR, 3-B90
			C90	I/O	DPR, 3-C90
			D90	I/O	DPR, 3-D90
			A91	I/O	DPR, 3-A91
			B91	I/O	DPR, 3-B91
			C91	I/O	DPR, 3-C91
			D91	I/O	DPR, 3-D91
			A92	I/O	DPR, 3-A92
			B92	I/O	DPR, 3-B92
			C92	I/O	DPR, 3-C92
			D92	I/O	DPR, 3-D92
			A93	I/O	DPR, 3-A93
			B93	I/O	DPR, 3-B93
			C93	I/O	DPR, 3-C93
			D93	I/O	DPR, 3-D93
			A94	I/O	DPR, 3-A94
			B94	I/O	DPR, 3-B94
			C94	I/O	DPR, 3-C94
			D94	I/O	DPR, 3-D94
			A95	I/O	DPR, 3-A95
			B95	I/O	DPR, 3-B95
			C95	I/O	DPR, 3-C95
			D95	I/O	DPR, 3-D95
			A96	I/O	DPR, 3-A96
			B96	I/O	DPR, 3-B96
			C96	I/O	DPR, 3-C96
			D96	I/O	DPR, 3-D96

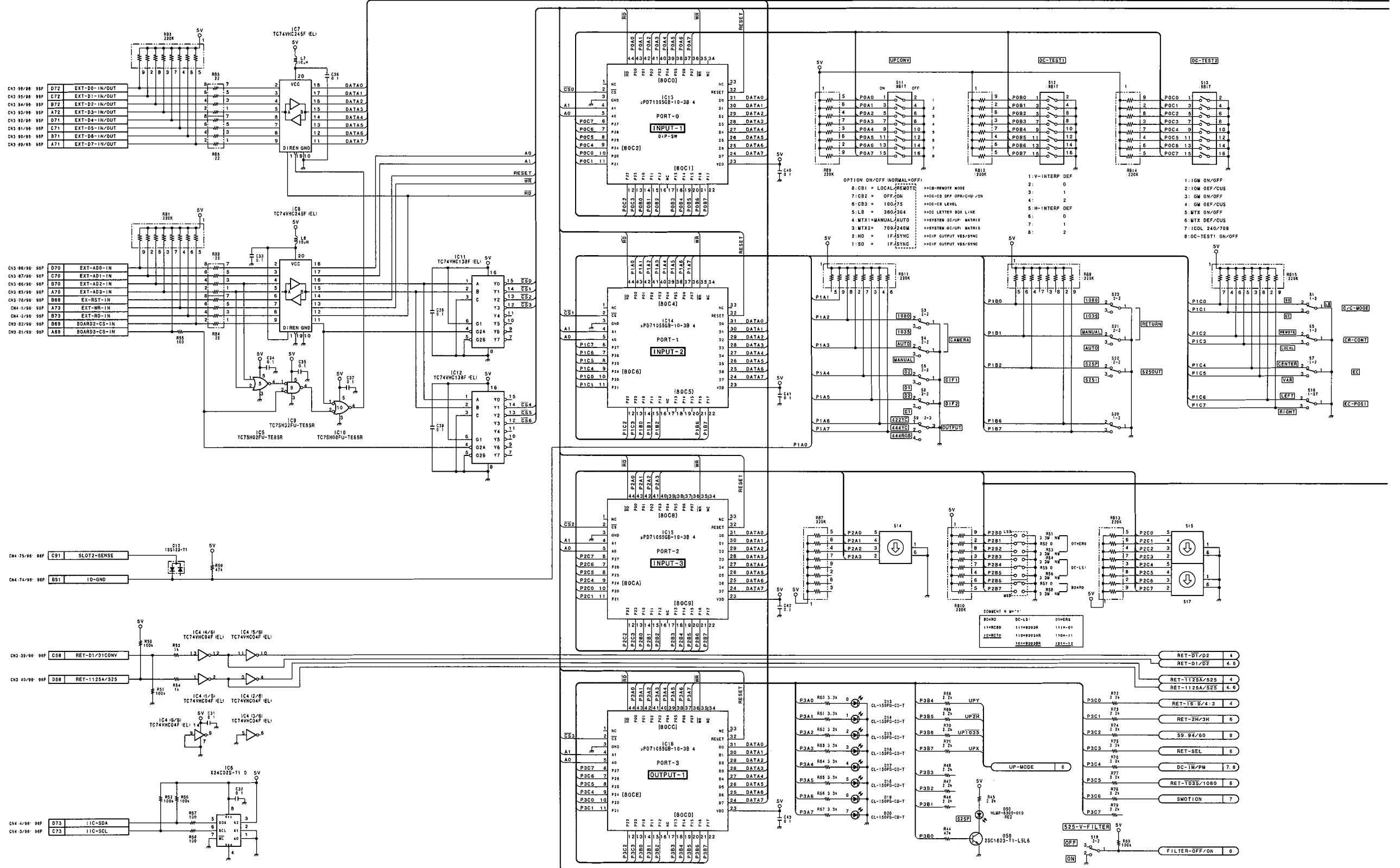


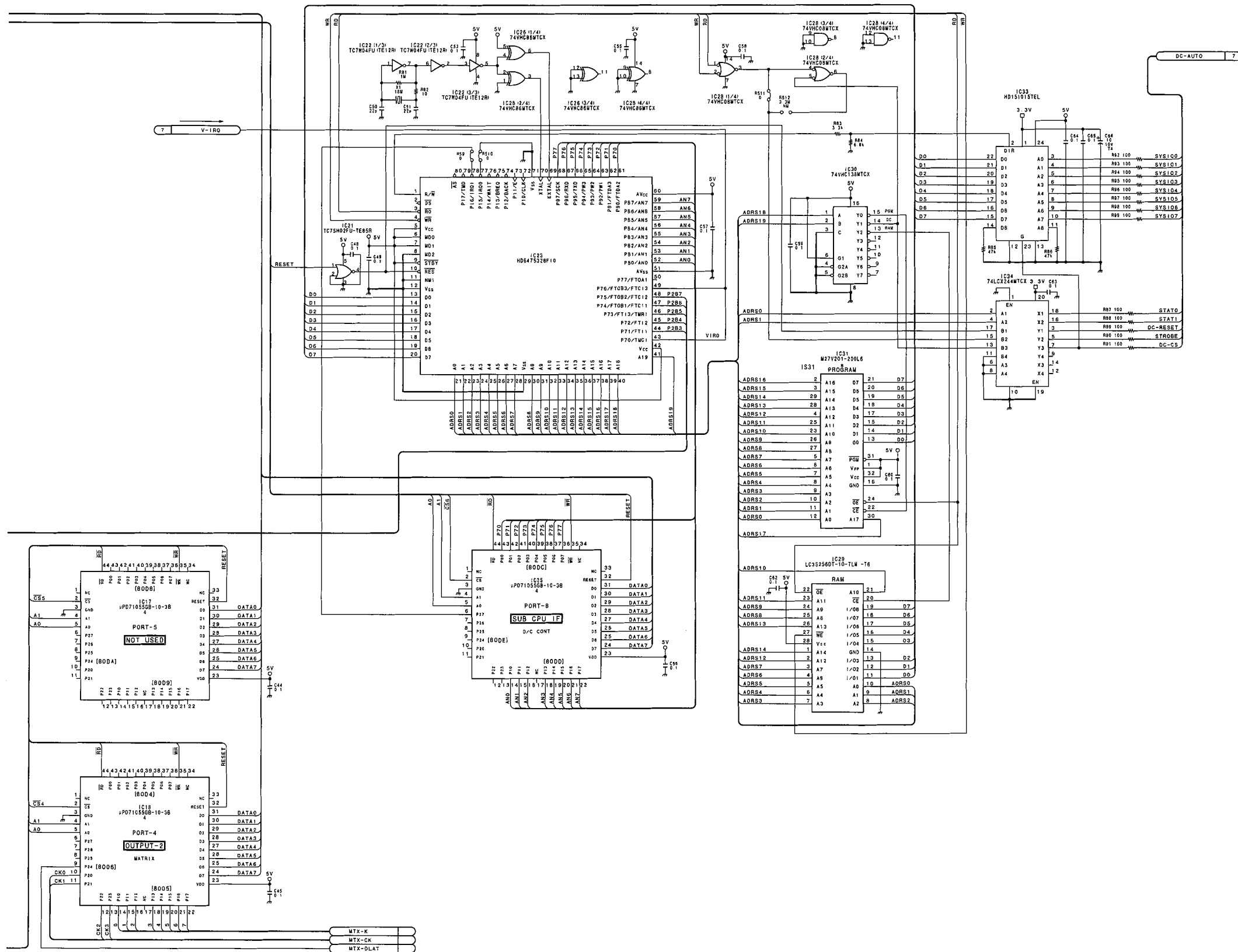
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

RC-70 CN4

Pin	I/O	Destination

A73	I	AT,	A-773
B73	I	AT,	A-B73
C73	I	AT,	A-C73
D73	I	AT,	A-D73
B74	I	AT,	A-B74
A76	I	AT,	A-C74
B76	I	AT,	A-D76
C78	I	DIF,	A-C78
A85	O	DPB,	A-885
B85	O	DPB,	A-885
C85	O	DPB,	A-C85
D85	O	DPB,	A-885
B86	O	DPB,	A-886
C86	O	DPB,	A-C86
D86	O	DPB,	A-D86
A87	O	DPB,	A-887
B87	O	DPB,	A-C87
C87	O	DPB,	A-887
D87	O	DPB,	A-D87
A88	O	DPB,	A-888
B88	O	DPB,	A-C88
C88	O	DPB,	A-888
D88	O	DPB,	A-D88
A89	O	DPB,	A-889
C89	O	DPB,	A-C89
D89	O	DPB,	A-D89
A90	O	DPB,	A-890
B90	O	DPB,	A-890
C90	O	DPB,	A-C90
D90	O	DPB,	A-D90
C92	O	IF,	A-C92
D92	O	IF,	A-D92
A93	O	IF,	A-893
B93	O	IF,	A-893
C93	O	IF,	A-C93
D93	O	IF,	A-D93
A94	O	IF,	A-894
B94	O	IF,	A-894
C94	O	IF,	A-C94
D94	O	IF,	A-D94
A95	O	IF,	A-895
B95	O	IF,	A-895
C95	O	IF,	A-C95
D95	O	IF,	A-D95





RC-70 (2/8)
BOARD NO. 1-669-020-12
LOT NO. 710-
B-¥HDCU700A-RC70-12@

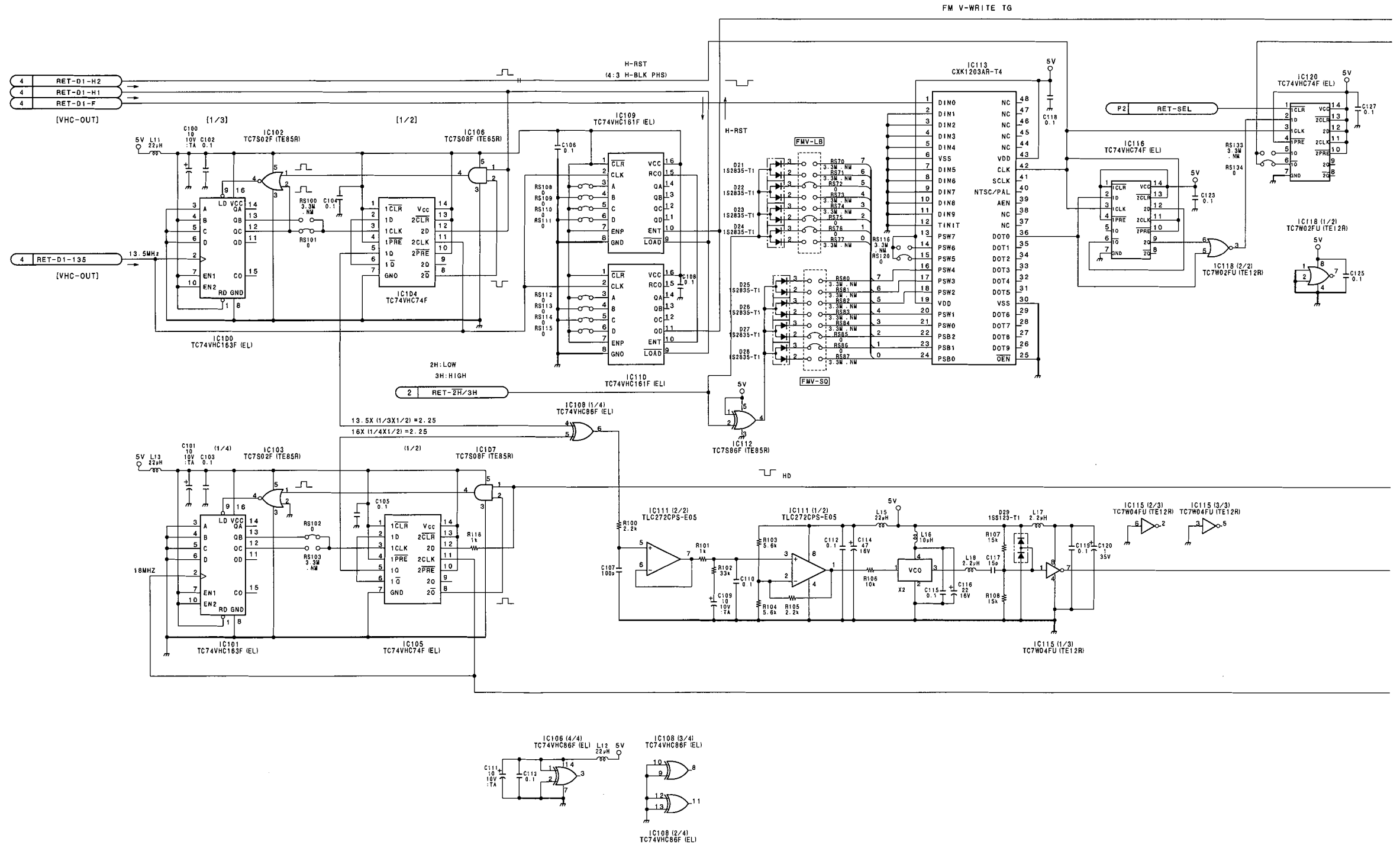
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

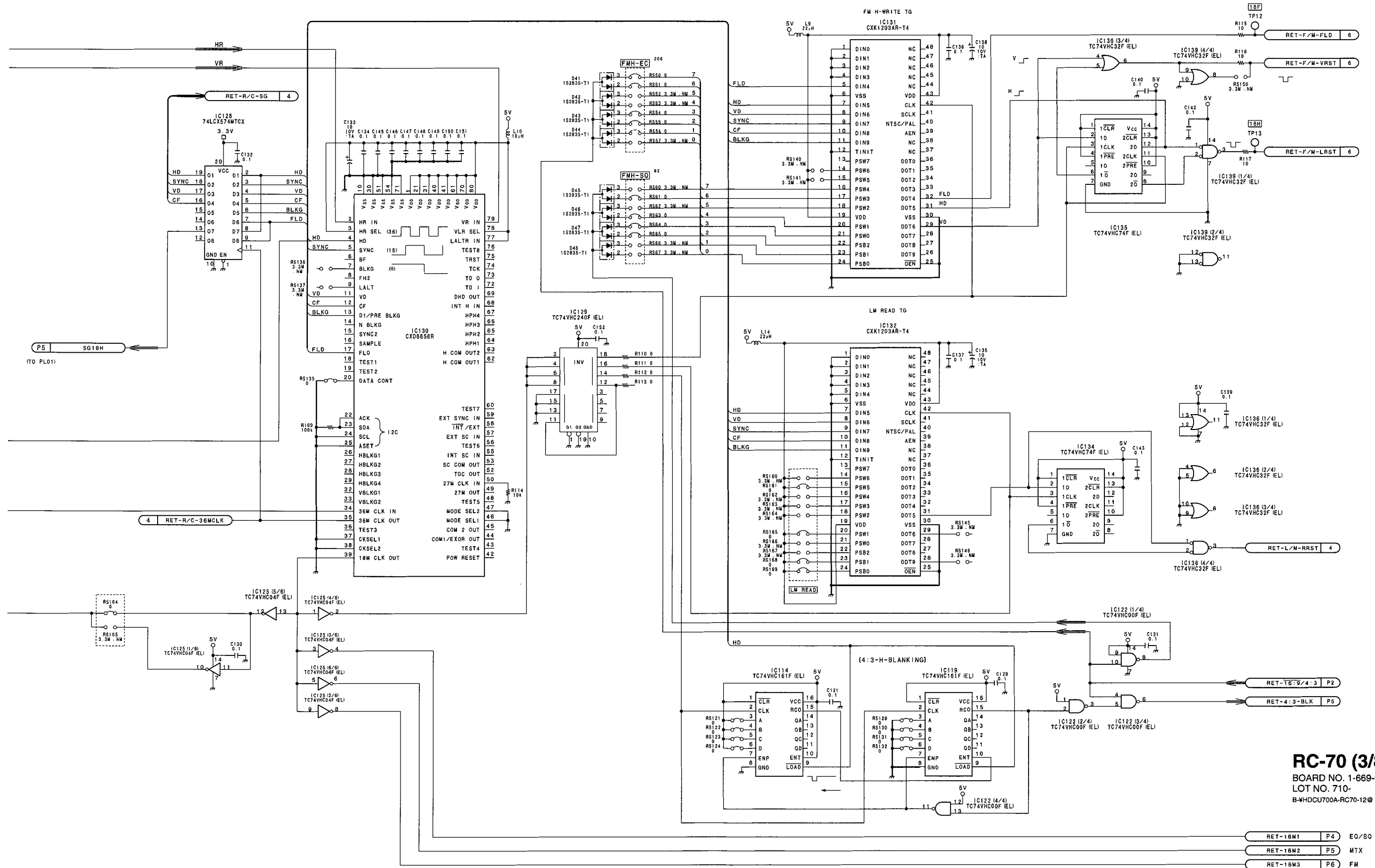
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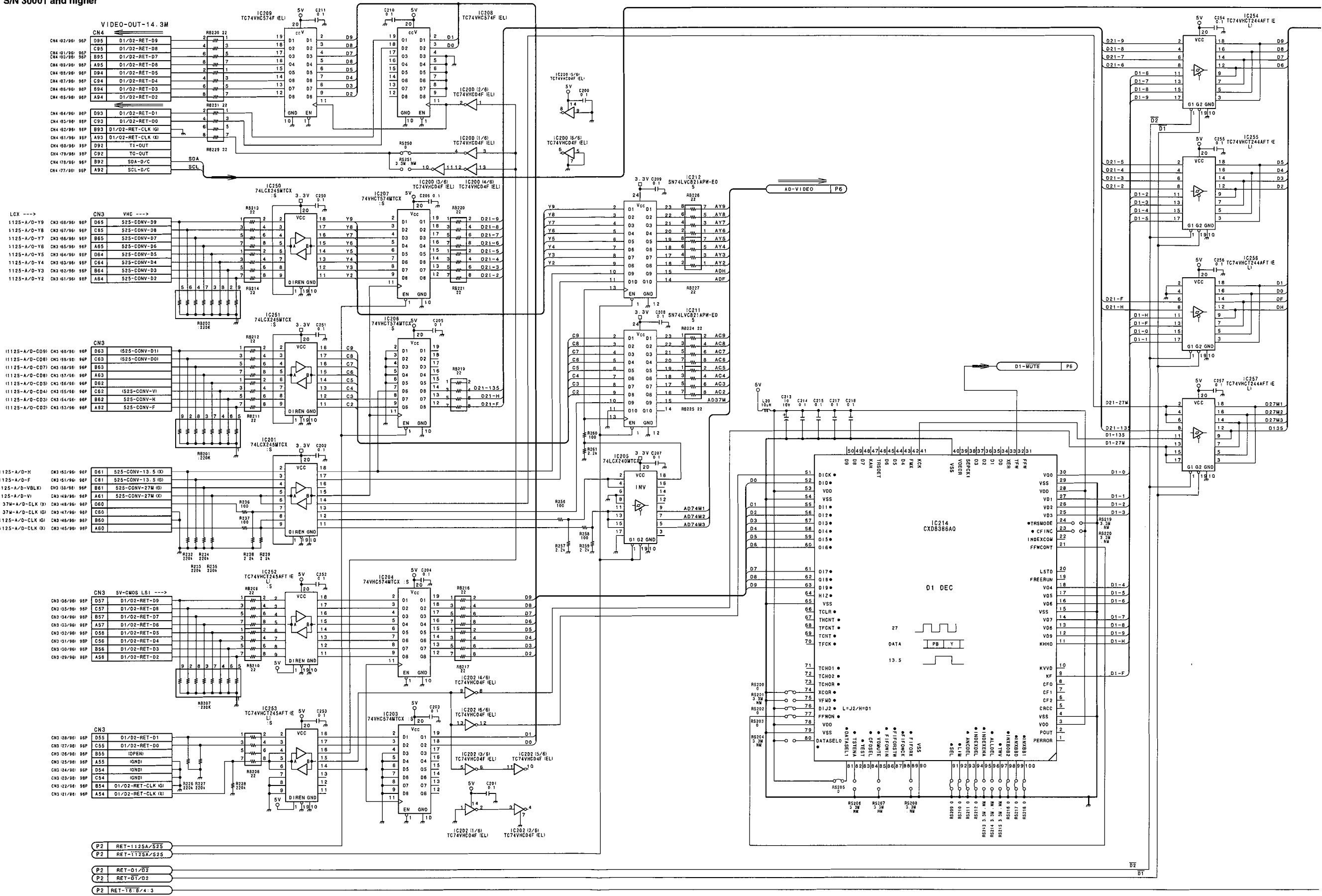
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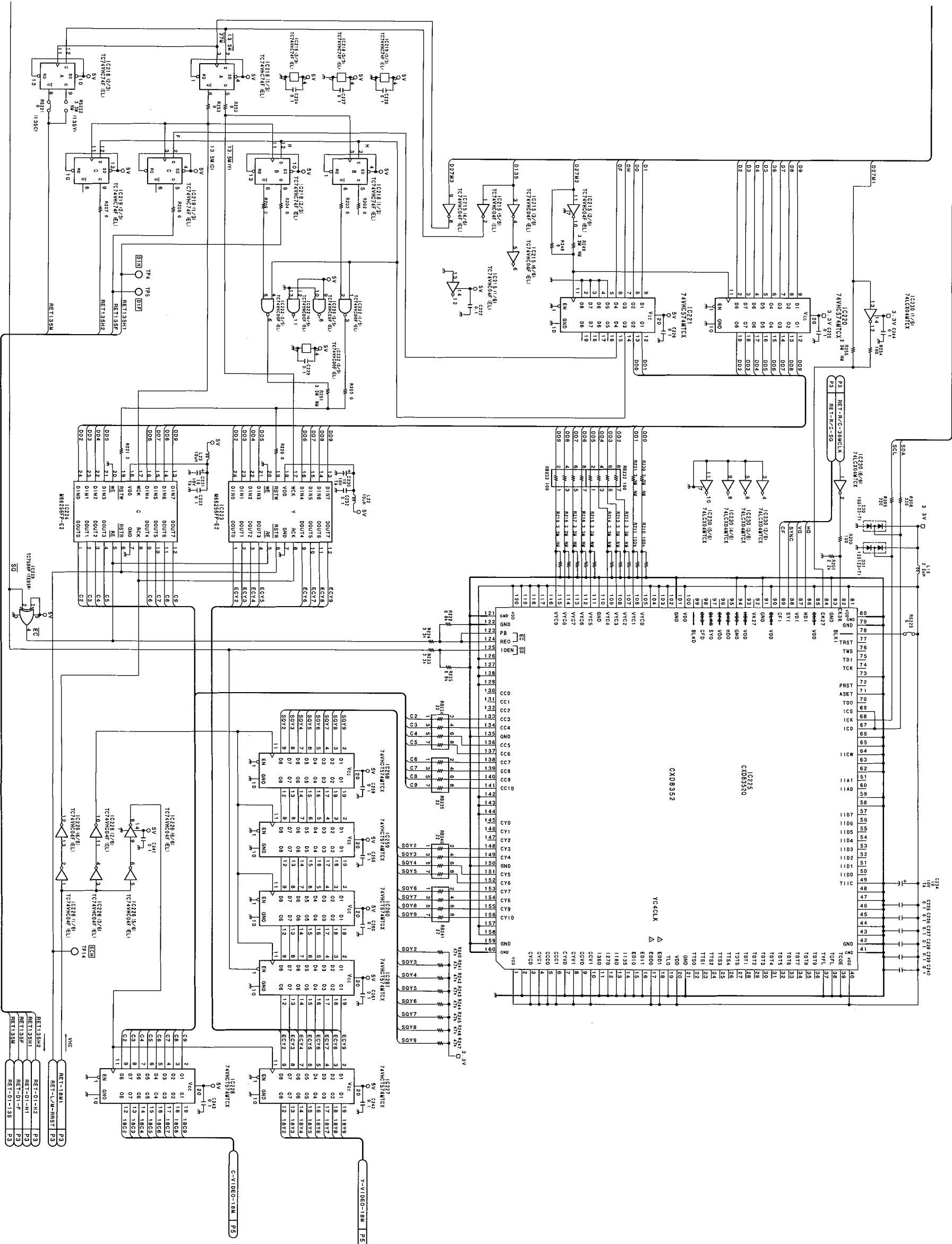




RC-70 (3/8)
 BOARD NO. 1-669-020-12
 LOT NO. 710-
 B-WHDCU700A-RC70-12@

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher





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RC-70 (4/8)

BOARD NO. 1-669-020-12

LOT NO. 710-

B-HDCU700A-RC70-12#

HDCU-700A

8-25

8-25

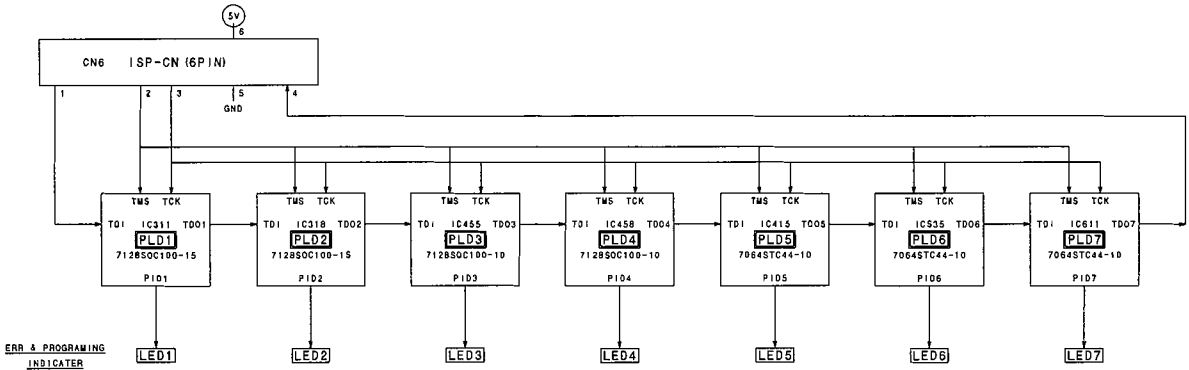
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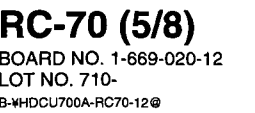
N

P

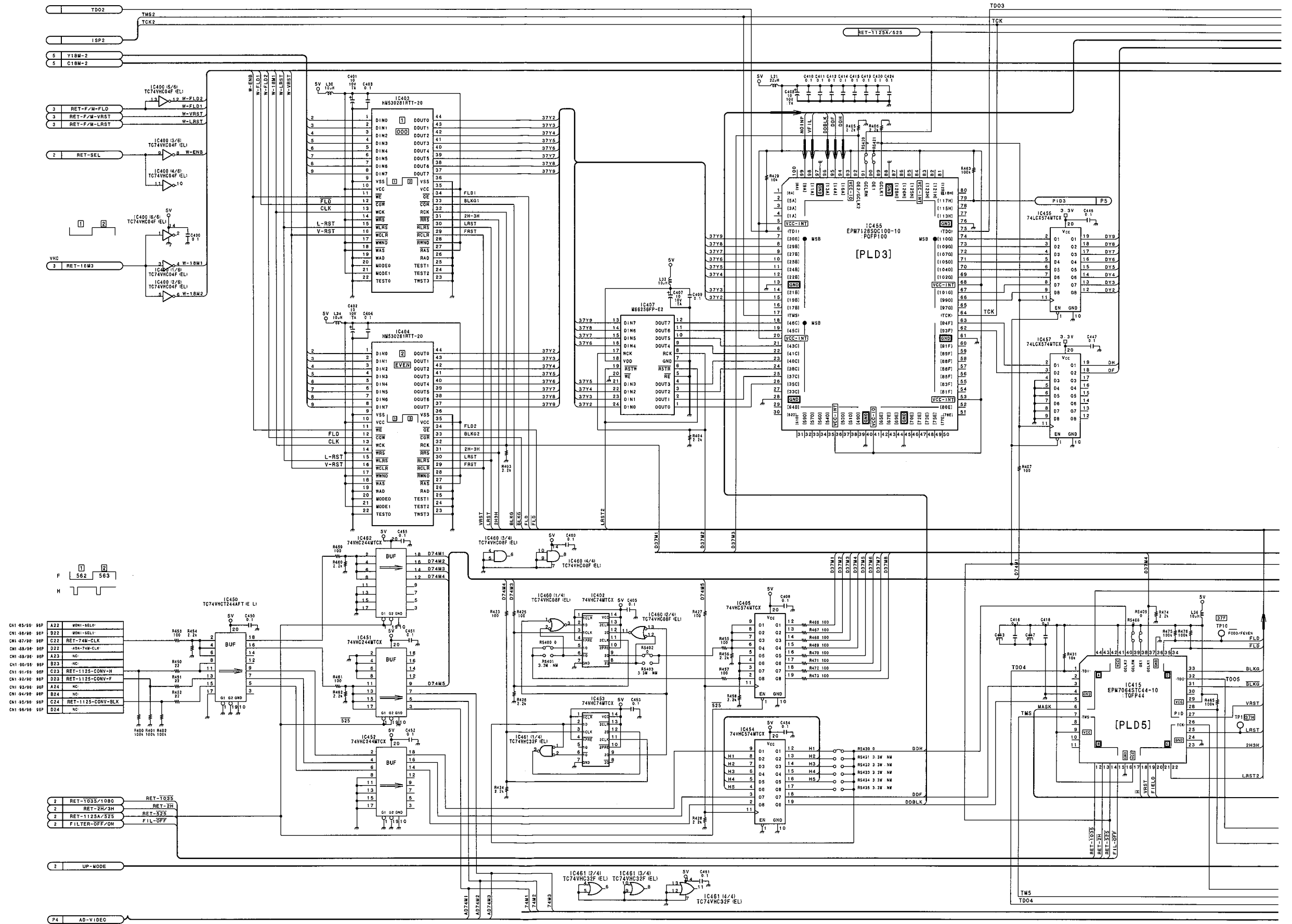
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

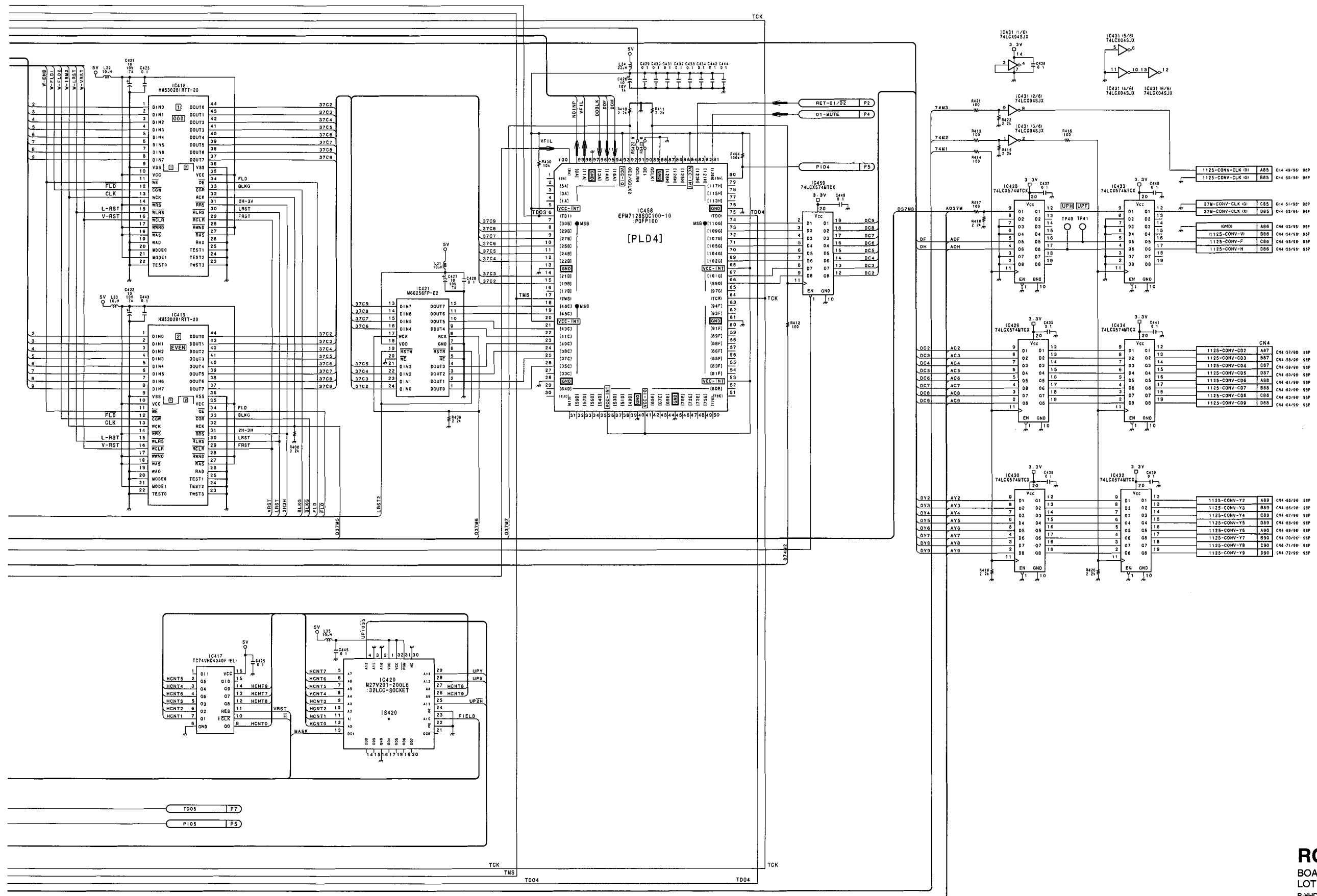
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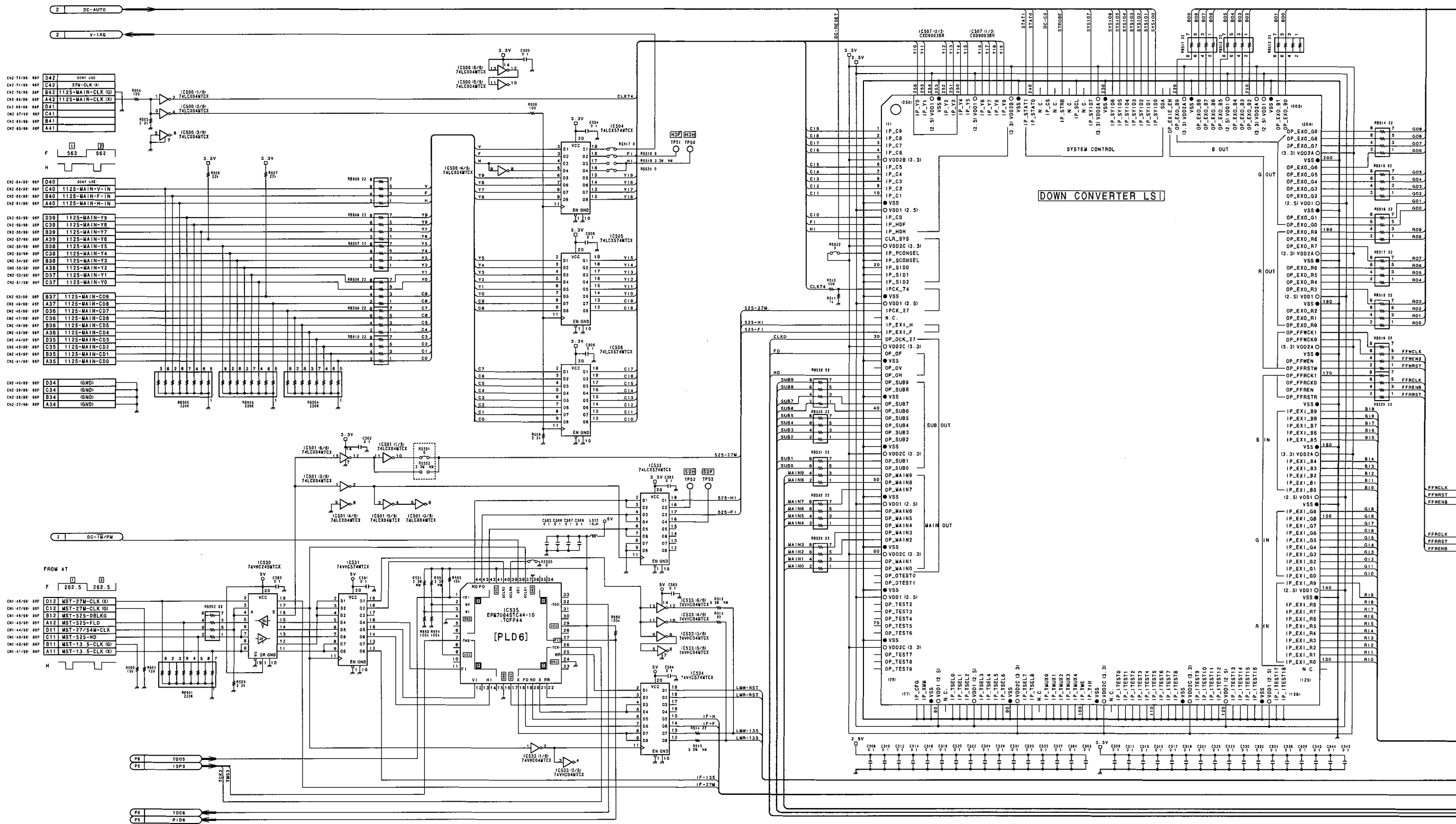


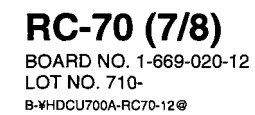
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher



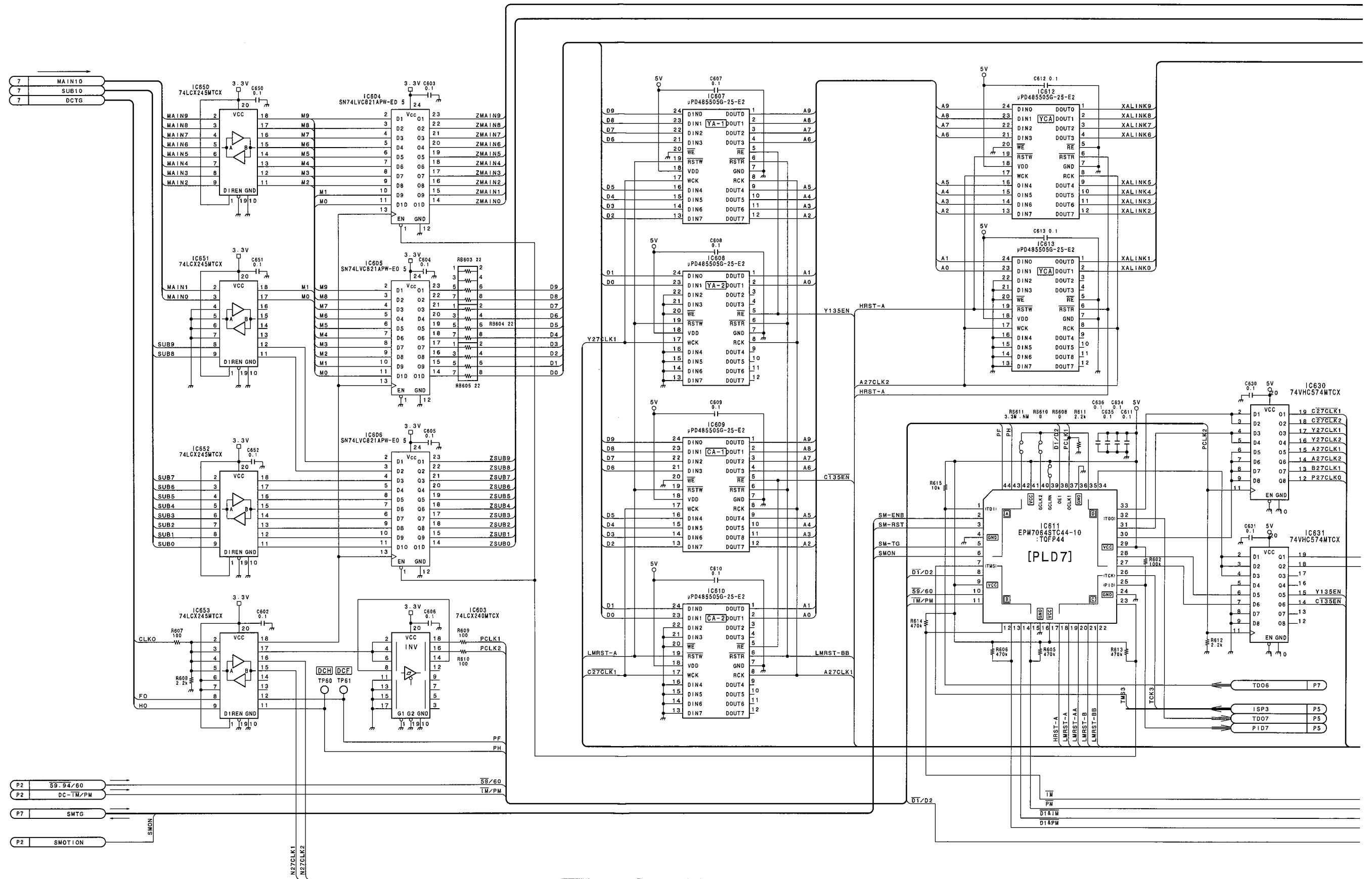


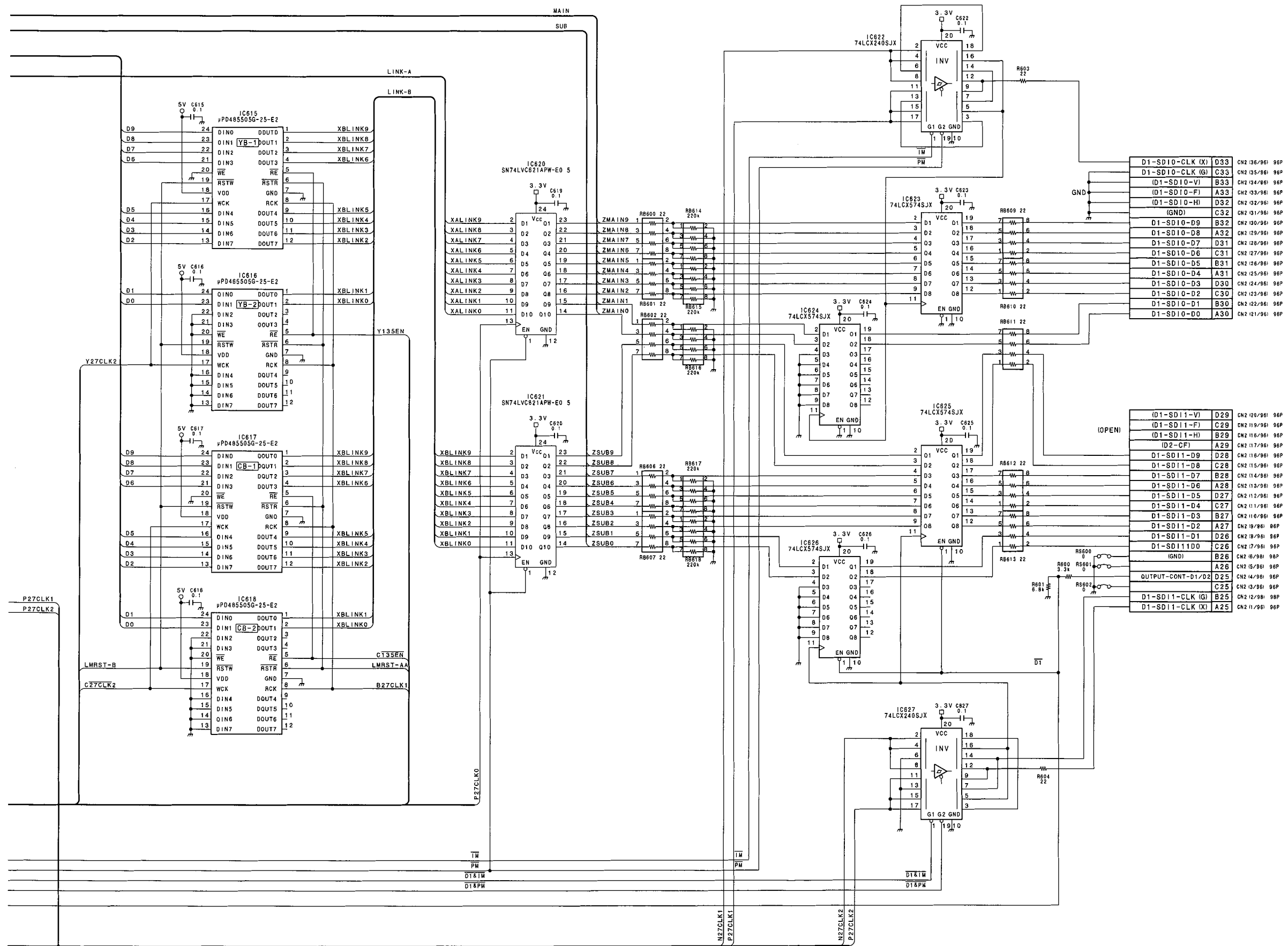
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher





HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher





RC-70 (8/8)
 BOARD NO. 1-669-020-12
 LOT NO. 710-
 B-WHDCU700A-RC70-12®

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

DIF-40 CN1

Pin I/O Destination

D20 I AT, 1-D20
C21 I AT, 1-C21

DIF-40 CN2

Pin I/O Destination

A25 I RC, 2-A25

D25 O IF, 2-A25

C26 I RC, 2-C26

D26 I IF, 2-C26

A27 I RC, 2-D26

D27 I IF, 2-D26

C27 I RC, 2-A27

D27 I IF, 2-A27

A28 I RC, 2-C27

D28 I IF, 2-C27

C28 I RC, 2-D27

D28 I IF, 2-D27

A30 I RC, 2-A28

B30 I IF, 2-A28

C31 I RC, 2-B28

D31 I IF, 2-B28

A31 I RC, 2-C28

B31 I IF, 2-C28

C32 I RC, 2-D28

D32 I IF, 2-D28

A33 I RC, 2-A30

B33 I IF, 2-A30

C33 I RC, 2-B30

D33 I IF, 2-B30

A34 I RC, 2-C30

B34 I IF, 2-C30

C34 I RC, 2-D30

D34 I IF, 2-D30

A35 I RC, 2-A31

B35 I IF, 2-A31

C35 I RC, 2-B31

D35 I IF, 2-B31

A36 I RC, 2-C31

B36 I IF, 2-C31

C36 I RC, 2-D31

D36 I IF, 2-D31

A37 I RC, 2-A32

B37 I IF, 2-A32

C37 I RC, 2-B32

D37 I IF, 2-B32

A38 I RC, 2-C33

B38 I IF, 2-C33

C38 I RC, 2-D33

D38 I IF, 2-D33

DIF-40 CN3

Pin I/O Destination

A54 O RC, 3-A54

B54 O RC, 3-B54

C55 O RC, 3-C55

D55 O RC, 3-D55

A56 O RC, 3-A56

B56 O RC, 3-B56

C57 O RC, 3-C57

D57 O RC, 3-D57

A58 I/O AT, 3-B68

B59 I/O AT, 3-A69

C60 I/O AT, 3-A70

D60 I/O AT, 3-B70

A70 I/O AT, 3-C70

B71 I/O AT, 3-D70

C72 I/O AT, 3-A71

D73 I/O AT, 3-B71

A74 I/O AT, 3-C71

B75 I/O AT, 3-D71

C76 I/O AT, 3-A72

D77 I/O AT, 3-B72

A78 I/O AT, 3-C72

B79 I/O AT, 3-D72

C80 I/O AT, 3-A73

D81 I/O AT, 3-B73

A82 I/O AT, 3-C73

B83 I/O AT, 3-D73

C84 I/O AT, 3-A74

D85 I/O AT, 3-B74

A86 I/O AT, 3-C74

B87 I/O AT, 3-D74

C88 I/O AT, 3-A75

D89 I/O AT, 3-B75

A90 I/O AT, 3-C75

B91 I/O AT, 3-D75

C92 I/O AT, 3-A76

D93 I/O AT, 3-B76

A94 I/O AT, 3-C76

B95 I/O AT, 3-D76

C96 I/O AT, 3-A77

D97 I/O AT, 3-B77

A98 I/O AT, 3-C77

B99 I/O AT, 3-D77

C100 I/O AT, 3-A78

D101 I/O AT, 3-B78

A102 I/O AT, 3-C78

B103 I/O AT, 3-D78

C104 I/O AT, 3-A79

D105 I/O AT, 3-B79

A106 I/O AT, 3-C79

B107 I/O AT, 3-D79

C108 I/O AT, 3-A80

D109 I/O AT, 3-B80

A110 I/O AT, 3-C80

B111 I/O AT, 3-D80

C112 I/O AT, 3-A81

D113 I/O AT, 3-B81

A114 I/O AT, 3-C81

B115 I/O AT, 3-D81

C116 I/O AT, 3-A82

D117 I/O AT, 3-B82

A118 I/O AT, 3-C82

B119 I/O AT, 3-D82

C120 I/O AT, 3-A83

D121 I/O AT, 3-B83

A122 I/O AT, 3-C83

B123 I/O AT, 3-D83

C124 I/O AT, 3-A84

D125 I/O AT, 3-B84

A126 I/O AT, 3-C84

B127 I/O AT, 3-D84

C128 I/O AT, 3-A85

D129 I/O AT, 3-B85

A130 I/O AT, 3-C85

B131 I/O AT, 3-D85

C132 I/O AT, 3-A86

D133 I/O AT, 3-B86

A134 I/O AT, 3-C86

B135 I/O AT, 3-D86

C136 I/O AT, 3-A87

D137 I/O AT, 3-B87

A138 I/O AT, 3-C87

B139 I/O AT, 3-D87

C140 I/O AT, 3-A88

D141 I/O AT, 3-B88

A142 I/O AT, 3-C88

B143 I/O AT, 3-D88

C144 I/O AT, 3-A89

D145 I/O AT, 3-B89

A146 I/O AT, 3-C89

B147 I/O AT, 3-D89

C148 I/O AT, 3-A90

D149 I/O AT, 3-B90

A150 I/O AT, 3-C90

B151 I/O AT, 3-D90

C152 I/O AT, 3-A91

D153 I/O AT, 3-B91

A154 I/O AT, 3-C91

B155 I/O AT, 3-D91

C156 I/O AT, 3-A92

D157 I/O AT, 3-B92

A158 I/O AT, 3-C92

B159 I/O AT, 3-D92

C160 I/O AT, 3-A93

D161 I/O AT, 3-B93

A162 I/O AT, 3-C93

B163 I/O AT, 3-D93

C164 I/O AT, 3-A94

D165 I/O AT, 3-B94

A166 I/O AT, 3-C94

B167 I/O AT, 3-D94

C168 I/O AT, 3-A95

D169 I/O AT, 3-B95

A170 I/O AT, 3-C95

B171 I/O AT, 3-D95

C172 I/O AT, 3-A96

D173 I/O AT, 3-B96

A174 I/O AT, 3-C96

B175 I/O AT, 3-D96

C176 I/O AT, 3-A97

D177 I/O AT, 3-B97

A178 I/O AT, 3-C97

B179 I/O AT, 3-D97

C180 I/O AT, 3-A98

D181 I/O AT, 3-B98

A182 I/O AT, 3-C98

B183 I/O AT, 3-D98

C184 I/O AT, 3-A99

D185 I/O AT, 3-B99

A186 I/O AT, 3-C99

B187 I/O AT, 3-D99

C188 I/O AT, 3-A100

D189 I/O AT, 3-B100

A190 I/O AT, 3-C100

B191 I/O AT, 3-D100

C192 I/O AT, 3-A101

D193 I/O AT, 3-B101

A194 I/O AT, 3-C101

B195 I/O AT, 3-D101

C196 I/O AT, 3-A102

D197 I/O AT, 3-B102

A198 I/O AT, 3-C102

B199 I/O AT, 3-D102

C200 I/O AT, 3-A103

D201 I/O AT, 3-B103

A202 I/O AT, 3-C103

B203 I/O AT, 3-D103

C204 I/O AT, 3-A104

D205 I/O AT, 3-B104

A206 I/O AT, 3-C104

B207 I/O AT, 3-D104

C208 I/O AT, 3-A105

D209 I/O AT, 3-B105

A210 I/O AT, 3-C105

B211 I/O AT, 3-D105

C212 I/O AT, 3-A106

D213 I/O AT, 3-B106

A214 I/O AT, 3-C106

B215 I/O AT, 3-D106

C216 I/O AT, 3-A107

D217 I/O AT, 3-B107

A218 I/O AT, 3-C107

B219 I/O AT, 3-D107

C220 I/O AT, 3-A108

D221 I/O AT, 3-B108

A222 I/O AT, 3-C108

B223 I/O AT, 3-D108

C224 I/O AT, 3-A109

D225 I/O AT, 3-B109

A226 I/O AT, 3-C109

B227 I/O AT, 3-D109

C228 I/O AT, 3-A110

D229 I/O AT, 3-B110

A230 I/O AT, 3-C110

B231 I/O AT, 3-D110

C232 I/O AT, 3-A111

D233 I/O AT, 3-B111

A234 I/O AT, 3-C111

B235 I/O AT, 3-D111

C236 I/O AT, 3-A112

D237 I/O AT, 3-B112

A238 I/O AT, 3-C112

B239 I/O AT, 3-D112

C240 I/O AT, 3-A113

D241 I/O AT, 3-B113

A242 I/O AT, 3-C113

B243 I/O AT, 3-D113

C244 I/O AT, 3-A114

D245 I/O AT, 3-B114

A246 I/O AT, 3-C114

B247 I/O AT, 3-D114

C248 I/O AT, 3-A115

D249 I/O AT, 3-B115

A250 I/O AT, 3-C115

B251 I/O AT, 3-D115

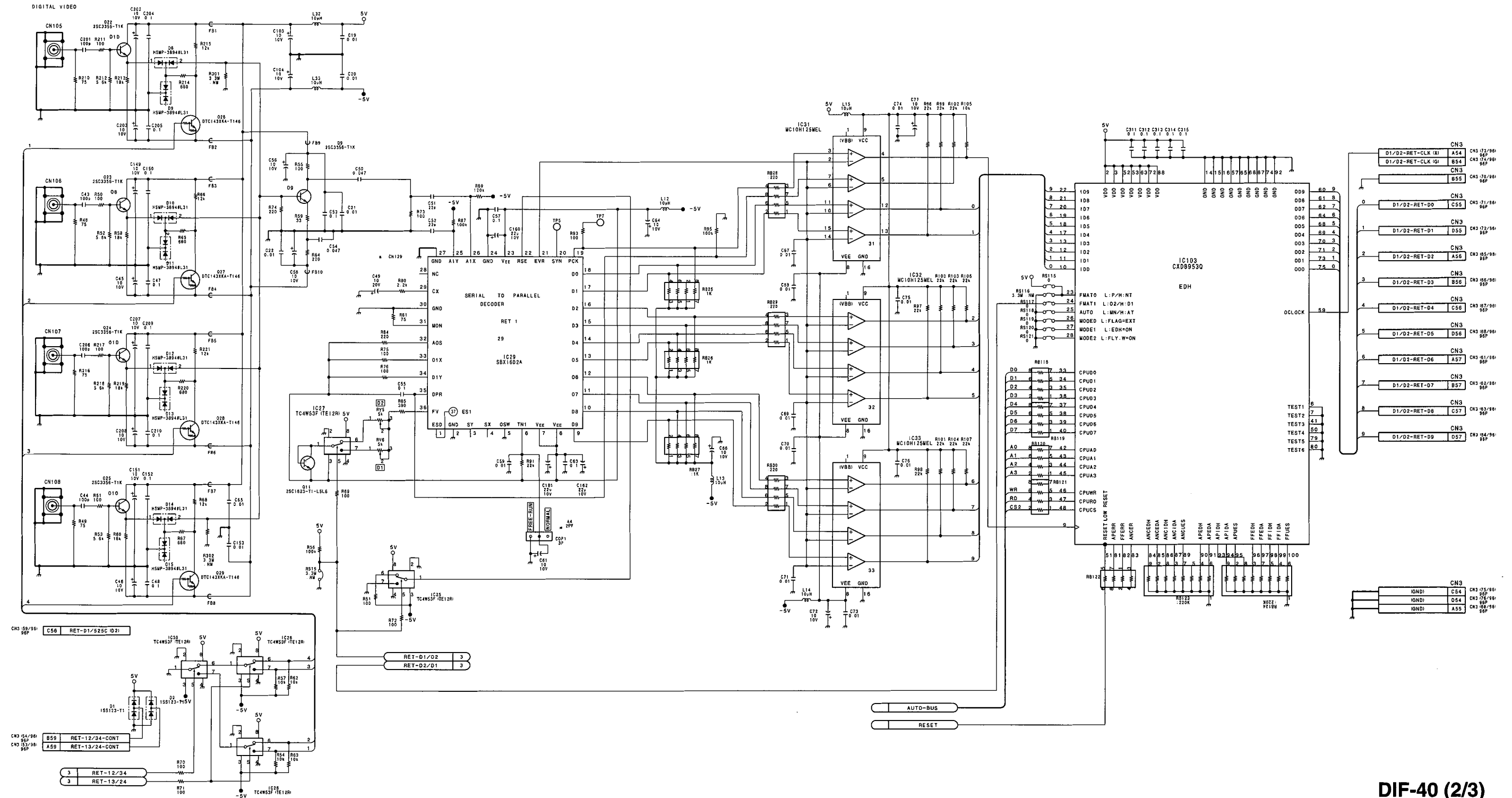
C252 I/O AT, 3-A116

D253 I/O AT, 3-B116

A254 I/O AT, 3-C116

B255 I/O AT, 3-D116

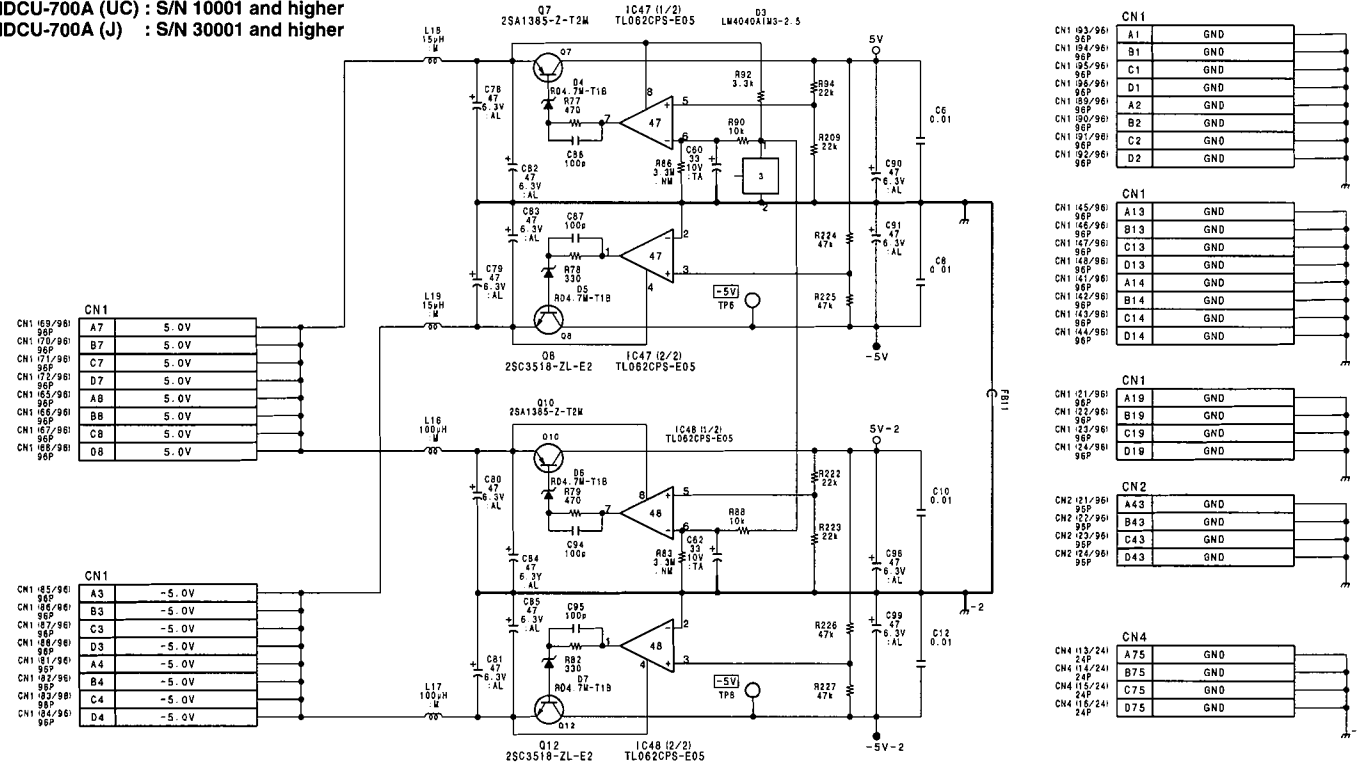
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher



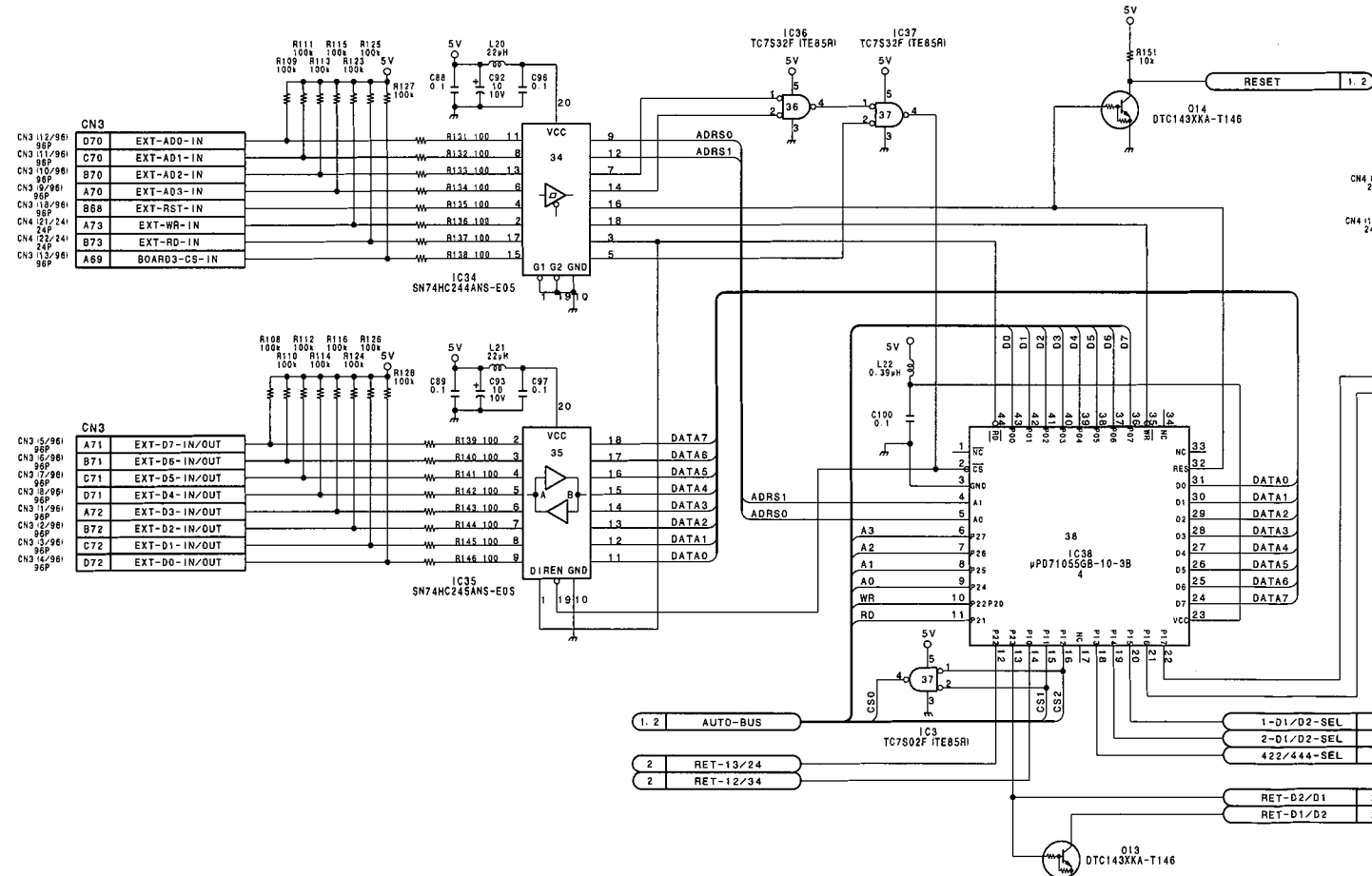
DIF-40 (2/3)
BOARD NO. 1-660-084-14
LOT NO. 710-
B-WHDCU700-DIF40-14

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

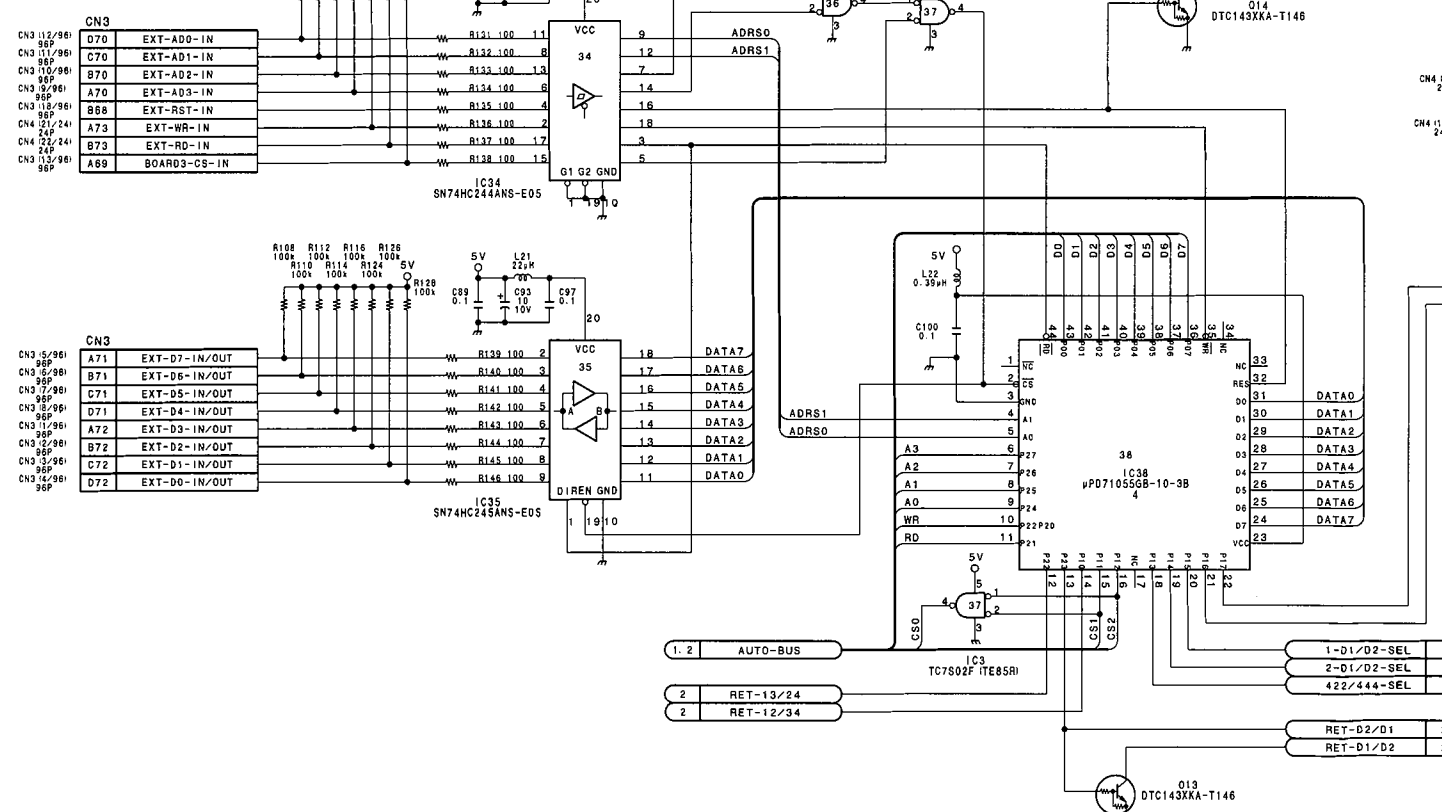
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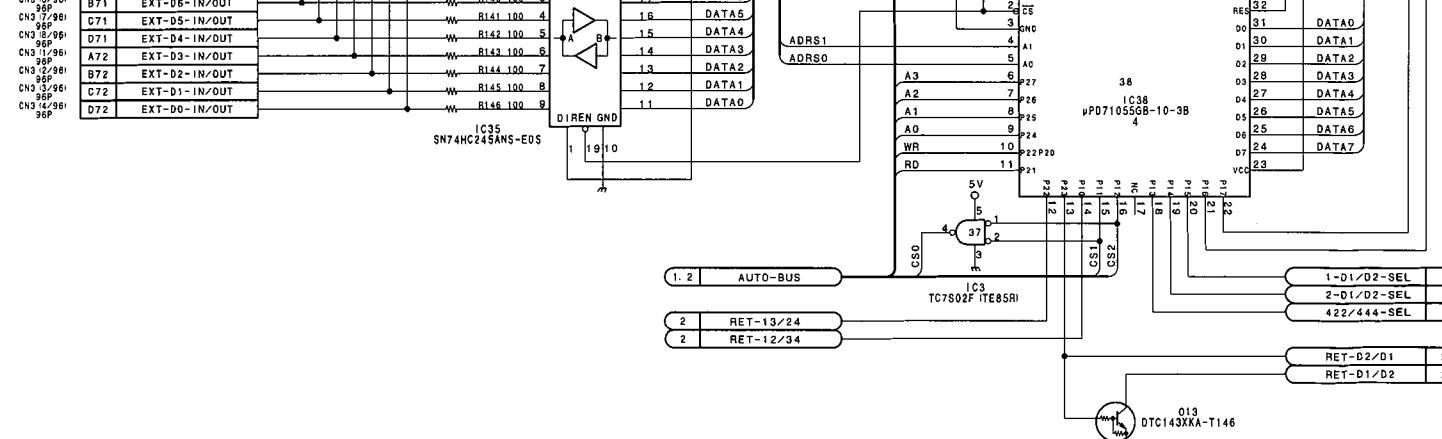
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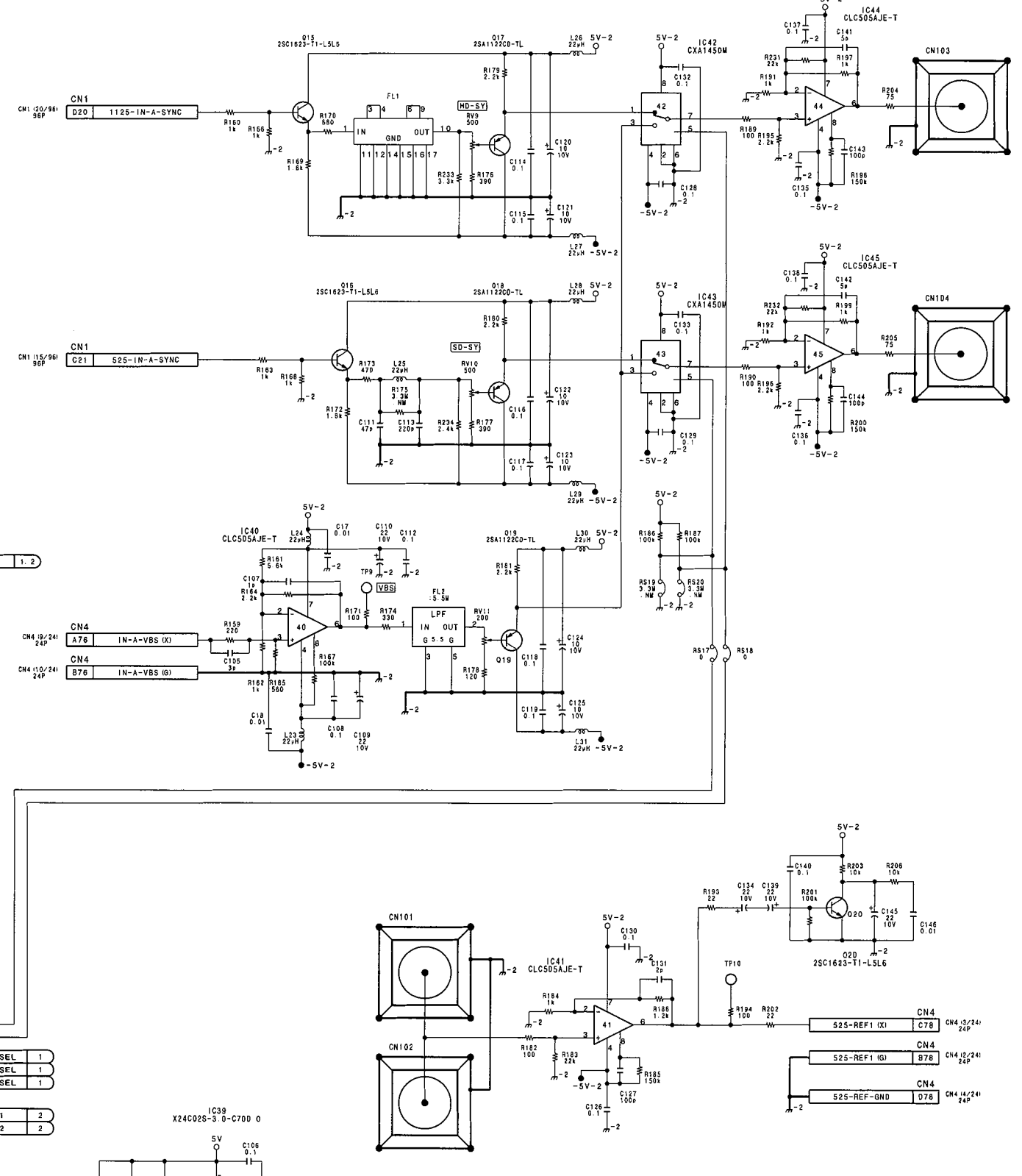
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4



5

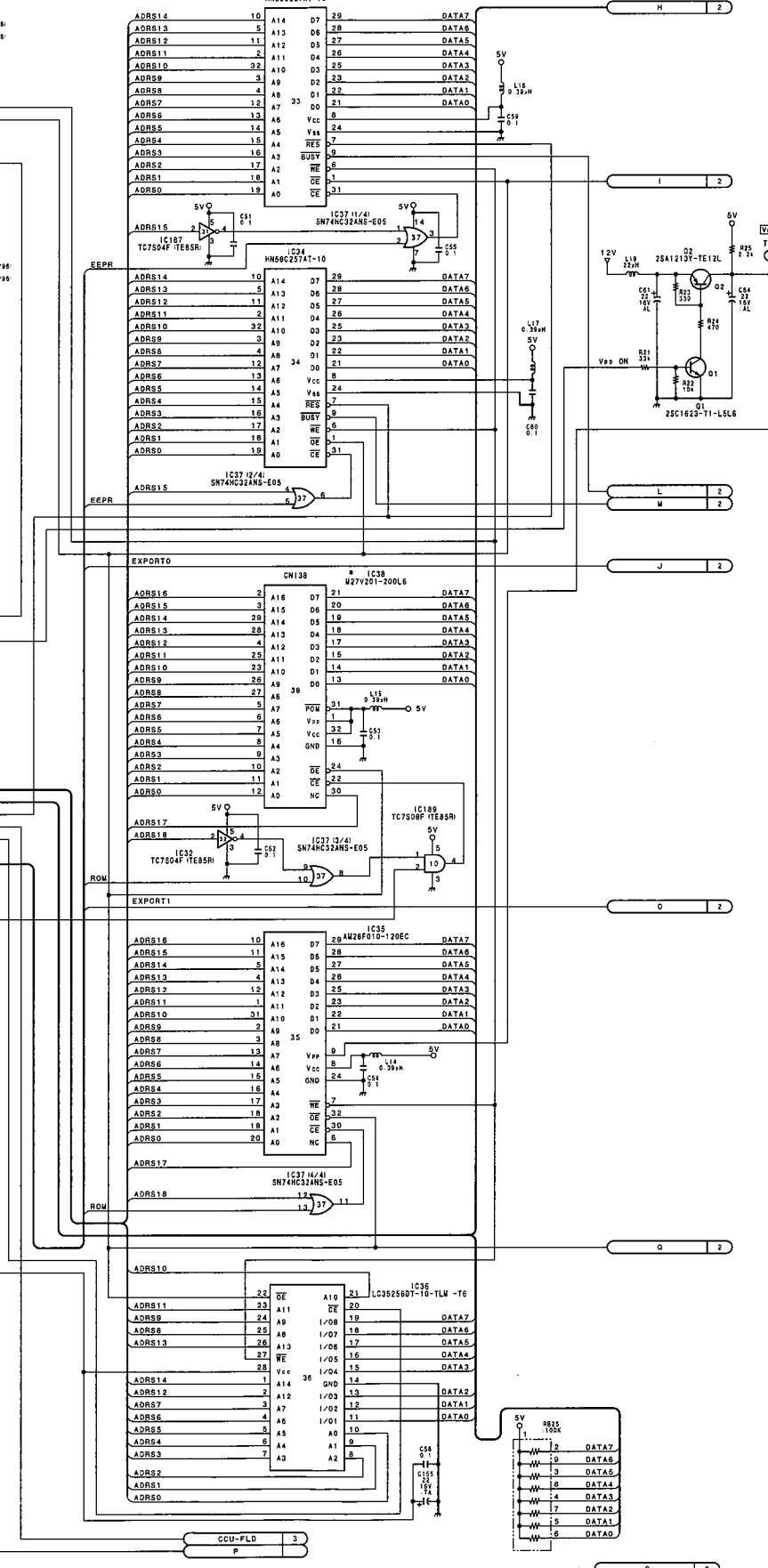


DIF-40 (3/3)
BOARD NO. 1-660-084-14
LOT NO. 710-
B-HDCU700-DIF40-14

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

1

Pin	I/O	Destination	Pin	I/O	Destination	Pin	I/O	Destination
A11	O	RC, 1-A11	D62	O	DPR, 3-B59	A73	O	DPR, 4-A73
B11	O	RC, 1-B11	D63	O	DPR, 3-B59	B73	O	DPR, 4-B73
C11	O	RC, 1-C11	D64	O	DPR, 3-B59	C73	O	DPR, 4-C73
D11	O	RC, 1-D11	D65	O	DPR, 3-B59	D73	O	DPR, 4-D73
E11	O	RC, 1-E11	D66	O	DPR, 3-B59	E73	O	DPR, 4-E73
F11	O	RC, 1-F11	D67	O	DPR, 3-B59	F73	O	DPR, 4-F73
G11	O	RC, 1-G11	D68	O	DPR, 3-B59	G73	O	DPR, 4-G73
H11	O	RC, 1-H11	D69	O	DPR, 3-B59	H73	O	DPR, 4-H73
I11	O	RC, 1-I11	D70	O	DPR, 3-B59	I73	O	DPR, 4-I73
J11	O	RC, 1-J11	D71	O	DPR, 3-B59	J73	O	DPR, 4-J73
K11	O	RC, 1-K11	D72	O	DPR, 3-B59	K73	O	DPR, 4-K73
L11	O	RC, 1-L11	D73	O	DPR, 3-B59	L73	O	DPR, 4-L73
M11	O	RC, 1-M11	D74	O	DPR, 3-B59	M73	O	DPR, 4-M73
N11	O	RC, 1-N11	D75	O	DPR, 3-B59	N73	O	DPR, 4-N73
O11	O	RC, 1-O11	D76	O	DPR, 3-B59	O73	O	DPR, 4-O73
P11	O	RC, 1-P11	D77	O	DPR, 3-B59	P73	O	DPR, 4-P73
Q11	O	RC, 1-Q11	D78	O	DPR, 3-B59	Q73	O	DPR, 4-Q73
R11	O	RC, 1-R11	D79	O	DPR, 3-B59	R73	O	DPR, 4-R73
S11	O	RC, 1-S11	D80	O	DPR, 3-B59	S73	O	DPR, 4-S73
T11	O	RC, 1-T11	D81	O	DPR, 3-B59	T73	O	DPR, 4-T73
U11	O	RC, 1-U11	D82	O	DPR, 3-B59	U73	O	DPR, 4-U73
V11	O	RC, 1-V11	D83	O	DPR, 3-B59	V73	O	DPR, 4-V73
W11	O	RC, 1-W11	D84	O	DPR, 3-B59	W73	O	DPR, 4-W73
X11	O	RC, 1-X11	D85	O	DPR, 3-B59	X73	O	DPR, 4-X73
Y11	O	RC, 1-Y11	D86	O	DPR, 3-B59	Y73	O	DPR, 4-Y73
Z11	O	RC, 1-Z11	D87	O	DPR, 3-B59	Z73	O	DPR, 4-Z73
AA11	O	RC, 1-AA11	D88	O	DPR, 3-B59	AA73	O	DPR, 4-AA73
AB11	O	RC, 1-AB11	D89	O	DPR, 3-B59	AB73	O	DPR, 4-AB73
AC11	O	RC, 1-AC11	D90	O	DPR, 3-B59	AC73	O	DPR, 4-AC73
AD11	O	RC, 1-AD11	D91	O	DPR, 3-B59	AD73	O	DPR, 4-AD73
AE11	O	RC, 1-AE11	D92	O	DPR, 3-B59	AE73	O	DPR, 4-AE73
AF11	O	RC, 1-AF11	D93	O	DPR, 3-B59	AF73	O	DPR, 4-AF73
AG11	O	RC, 1-AG11	D94	O	DPR, 3-B59	AG73	O	DPR, 4-AG73
AH11	O	RC, 1-AH11	D95	O	DPR, 3-B59	AH73	O	DPR, 4-AH73
AI11	O	RC, 1-AI11	D96	O	DPR, 3-B59	AI73	O	DPR, 4-AI73
AJ11	O	RC, 1-AJ11	D97	O	DPR, 3-B59	AJ73	O	DPR, 4-AJ73
AK11	O	RC, 1-AK11	D98	O	DPR, 3-B59	AK73	O	DPR, 4-AK73
AL11	O	RC, 1-AL11	D99	O	DPR, 3-B59	AL73	O	DPR, 4-AL73
AM11	O	RC, 1-AM11	D100	O	DPR, 3-B59	AM73	O	DPR, 4-AM73
AN11	O	RC, 1-AN11	D101	O	DPR, 3-B59	AN73	O	DPR, 4-AN73
AO11	O	RC, 1-AO11	D102	O	DPR, 3-B59	AO73	O	DPR, 4-AO73
AP11	O	RC, 1-AP11	D103	O	DPR, 3-B59	AP73	O	DPR, 4-AP73
AQ11	O	RC, 1-AQ11	D104	O	DPR, 3-B59	AQ73	O	DPR, 4-AQ73
AR11	O	RC, 1-AR11	D105	O	DPR, 3-B59	AR73	O	DPR, 4-AR73
AS11	O	RC, 1-AS11	D106	O	DPR, 3-B59	AS73	O	DPR, 4-AS73
AT11	O	RC, 1-AT11	D107	O	DPR, 3-B59	AT73	O	DPR, 4-AT73
AU11	O	RC, 1-AU11	D108	O	DPR, 3-B59	AU73	O	DPR, 4-AU73
AV11	O	RC, 1-AV11	D109	O	DPR, 3-B59	AV73	O	DPR, 4-AV73
AW11	O	RC, 1-AW11	D110	O	DPR, 3-B59	AW73	O	DPR, 4-AW73
AX11	O	RC, 1-AX11	D111	O	DPR, 3-B59	AX73	O	DPR, 4-AX73
AY11	O	RC, 1-AY11	D112	O	DPR, 3-B59	AY73	O	DPR, 4-AY73
AZ11	O	RC, 1-AZ11	D113	O	DPR, 3-B59	AZ73	O	DPR, 4-AZ73
BA11	O	RC, 1-BA11	D114	O	DPR, 3-B59	BA73	O	DPR, 4-BA73
BB11	O	RC, 1-BB11	D115	O	DPR, 3-B59	BB73	O	DPR, 4-BB73
BC11	O	RC, 1-BC11	D116	O	DPR, 3-B59	BC73	O	DPR, 4-BC73
BD11	O	RC, 1-BD11	D117	O	DPR, 3-B59	BD73	O	DPR, 4-BD73
BE11	O	RC, 1-BE11	D118	O	DPR, 3-B59	BE73	O	DPR, 4-BE73
BF11	O	RC, 1-BF11	D119	O	DPR, 3-B59	BF73	O	DPR, 4-BF73
BG11	O	RC, 1-BG11	D120	O	DPR, 3-B59	BG73	O	DPR, 4-BG73
BH11	O	RC, 1-BH11	D121	O	DPR, 3-B59	BH73	O	DPR, 4-BH73
BI11	O	RC, 1-BI11	D122	O	DPR, 3-B59	BI73	O	DPR, 4-BI73
BJ11	O	RC, 1-BJ11	D123	O	DPR, 3-B59	BJ73	O	DPR, 4-BJ73
BK11	O	RC, 1-BK11	D124	O	DPR, 3-B59	BK73	O	DPR, 4-BK73
BL11	O	RC, 1-BL11	D125	O	DPR, 3-B59	BL73	O	DPR, 4-BL73
BM11	O	RC, 1-BM11	D126	O	DPR, 3-B59	BM73	O	DPR, 4-BM73
BN11	O	RC, 1-BN11	D127	O	DPR, 3-B59	BN73	O	DPR, 4-BN73
BO11	O	RC, 1-BO11	D128	O	DPR, 3-B59	BO73	O	DPR, 4-BO73
BP11	O	RC, 1-BP11	D129	O	DPR, 3-B59	BP73	O	DPR, 4-BP73
BQ11	O	RC, 1-BQ11	D130	O	DPR, 3-B59	BQ73	O	DPR, 4-BQ73
BR11	O	RC, 1-BR11	D131	O	DPR, 3-B59	BR73	O	DPR, 4-BR73
BS11	O	RC, 1-BS11	D132	O	DPR, 3-B59	BS73	O	DPR, 4-BS73
BT11	O	RC, 1-BT11	D133	O	DPR, 3-B59	BT73	O	DPR, 4-BT73
BU11	O	RC, 1-BU11	D134	O	DPR, 3-B59	BU73	O	DPR, 4-BU73
BV11	O	RC, 1-BV11	D135	O	DPR, 3-B59	BV73	O	DPR, 4-BV73
BW11	O	RC, 1-BW11	D136	O	DPR, 3-B59	BW73	O	DPR, 4-BW73
BX11	O	RC, 1-BX11	D137	O	DPR, 3-B59	BX73	O	DPR, 4-BX73
BY11	O	RC, 1-BY11	D138	O	DPR, 3-B59	BY73	O	DPR, 4-BY73
BZ11	O	RC, 1-BZ11	D139	O	DPR, 3-B59	BZ73	O	DPR, 4-BZ73
CA11	O	RC, 1-CA11	D140	O	DPR, 3-B59	CA73	O	DPR, 4-CA73
CB11	O	RC, 1-CB11	D141	O	DPR, 3-B59	CB73	O	DPR, 4-CB73
CC11	O	RC, 1-CC11	D142	O	DPR, 3-B59	CC73	O	DPR, 4-CC73
CD11	O	RC, 1-CD11	D143	O	DPR, 3-B59	CD73	O	DPR, 4-CD73
CE11	O	RC, 1-CE11	D144	O	DPR, 3-B59	CE73	O	DPR, 4-CE73
CF11	O	RC, 1-CF11	D145	O	DPR, 3-B59	CF73	O	DPR, 4-CF73
CG11	O	RC, 1-CG11	D146	O	DPR, 3-B59	CG73	O	DPR, 4-CG73
CH11	O	RC, 1-CH11	D147	O	DPR, 3-B59	CH73	O	DPR, 4-CH73
CI11	O	RC, 1-CI11	D148	O	DPR, 3-B59	CI73	O	DPR, 4-CI73
CJ11	O	RC, 1-CJ11	D149	O	DPR, 3-B59	CJ73	O	DPR, 4-CJ73
CK11	O	RC, 1-CK11	D150	O	DPR, 3-B59	CK73	O	DPR, 4-CK73
CL11	O	RC, 1-CL11	D151	O	DPR, 3-B59	CL73	O	DPR, 4-CL73
CM11	O	RC, 1-CM11	D152	O	DPR, 3-B59	CM73	O	DPR, 4-CM73
CN11	O	RC, 1-CN11	D153	O	DPR, 3-B59	CN73	O	DPR, 4-CN73
CO11	O	RC, 1-CO11	D154	O	DPR, 3-B59	CO73	O	DPR, 4-CO73
CP11	O	RC, 1-CP11	D155	O	DPR, 3-B59	CP73	O	DPR, 4-CP73
CQ11	O	RC, 1-CQ11	D156	O	DPR, 3-B59	CQ73	O	DPR, 4-CQ73
CR11	O	RC, 1-CR11	D157	O	DPR, 3-B59	CR73	O	DPR, 4-CR73
CS11	O	RC, 1-CS11	D158	O	DPR, 3-B59	CS73	O	DPR, 4-CS73
CT11	O	RC, 1-CT11	D159	O	DPR, 3-B59	CT73	O	DPR, 4-CT73
CU11	O	RC, 1-CU11	D160	O	DPR, 3-B59	CU73	O	DPR, 4-CU73
CV11	O	RC, 1-CV11	D161	O	DPR, 3-B59	CV73	O	DPR, 4-CV73
CW11	O	RC, 1-CW11	D162	O	DPR, 3-B59	CW73	O	DPR, 4-CW73
CX11	O	RC, 1-CX11	D163	O	DPR, 3-B59	CX73	O	DPR, 4-CX73
CY11	O	RC, 1-CY11	D164	O	DPR, 3-B59	CY73	O	DPR, 4-CY73
CZ11	O	RC, 1-CZ11	D165	O	DPR, 3-B59	CZ73	O	DPR, 4-CZ73
DA11	O	RC, 1-DA11	D166	O	DPR, 3-B59	DA73	O	DPR, 4-DA73
DB11	O	RC, 1-DB11	D167	O	DPR, 3-B59	DB73	O	DPR, 4-DB73
DC11	O	RC, 1-DC11	D168	O	DPR, 3-B59	DC73	O	DPR, 4-DC73
DD11	O	RC, 1-DD11	D169	O	DPR, 3-B59	DD73	O	DPR, 4-DD73
DE11	O	RC, 1-DE11	D170	O	DPR, 3-B59	DE73	O	DPR, 4-DE73
DF11	O	RC, 1-DF11	D171	O	DPR, 3-B59	DF73	O	DPR, 4-DF73
DG11	O	RC, 1-DG11	D172	O	DPR, 3-B59	DG73	O	DPR, 4-DG73
DH11	O	RC, 1-DH11	D173	O	DPR, 3-B59	DH73	O	DPR, 4-DH73
DI11	O	RC, 1-DI11	D174	O	DPR, 3-B59	DI73	O	DPR, 4-DI73
DJ11	O	RC, 1-DJ11	D175	O	DPR, 3-B59	DJ73	O	DPR, 4-DJ73
DK11	O	RC, 1-DK11	D176	O	DPR, 3-B59	DK73	O	DPR, 4-DK73
DL11	O	RC, 1-DL11	D177	O	DPR, 3-B59	DL73	O	DPR, 4-DL73
DM11	O	RC, 1-DM11	D178	O	DPR, 3-B59	DM73	O	DPR, 4-DM73
DN11	O	RC, 1-DN11	D179	O	DPR, 3-B59	DN73	O	DPR, 4-DN73
DO11	O	RC, 1-DO11	D180	O	DPR, 3-B59	DO73	O	DPR, 4-DO73
DP11	O	RC, 1-DP11	D181	O	DPR, 3-B59	DP73	O	DPR, 4-DP73
DQ11	O	RC, 1-DQ11	D182	O	DPR, 3-B59	DQ73	O	DPR, 4-DQ73
DR11	O	RC, 1-DR11	D183	O	DPR, 3-B59	DR73	O	DPR, 4-DR73
DS11	O	RC, 1-DS11	D184	O	DPR, 3-B59	DS73	O	DPR, 4-DS73
DT11	O	RC, 1-DT11	D185	O	DPR, 3-B59	DT73	O	DPR, 4-DT73
DU11	O	RC, 1-DU11	D186	O	DPR, 3-B59	DU73	O	DPR, 4-DU73
DV11	O	RC, 1-DV11	D187	O	DPR, 3-B59	DV73	O	DPR, 4-DV73
DW11	O	RC, 1-DW11	D188	O	DPR, 3-B59	DW73	O	DPR, 4-DW73
DX11	O	RC, 1-DX11	D189	O	DPR, 3-B59	DX73	O	DPR, 4-DX73
DY11	O	RC, 1-DY11	D190	O	DPR, 3-B59	DY73	O	DPR, 4-DY73
DZ11	O	RC, 1-DZ11	D191	O	DPR, 3-B59	DZ73	O	DPR, 4-DZ73
EA11	O	RC, 1-EA11	D192	O	DPR, 3-B59	EA73	O	DPR, 4-EA73
EB11	O	RC, 1-EB11	D193	O	DPR, 3-B59	EB73	O	DPR, 4-EB73
EC11	O	RC, 1-EC11	D194	O	DPR, 3-B59	EC73	O	DPR, 4-EC73
ED11	O	RC, 1-ED11	D195	O	DPR, 3-B59	ED73	O	DPR, 4-ED73
EE11	O	RC, 1-EE11	D196	O	DPR, 3-B59	EE73	O	DPR, 4-EE73
EF11	O	RC, 1-EF11	D197	O	DPR, 3-B59	EF73	O	DPR, 4-EF73
EG11	O	RC, 1-EG11	D198	O	DPR, 3-B59	EG73	O	DPR, 4-EG73
EH11	O	RC, 1-EH11	D199	O	DPR, 3-B59	EH73	O	DPR, 4-EH73
EI11	O	RC, 1-EI11	D200	O	DPR, 3-B59	EI73	O	DPR, 4-EI73
EJ11	O	RC, 1-EJ11	D201	O	DPR, 3-B59	EJ73	O	DPR, 4-EJ73
EK11	O	RC, 1-EK11	D202	O	DPR, 3-B59	EK73	O	DPR, 4-EK73
EL11	O	RC, 1-EL11	D203	O	DPR, 3-B59	EL73	O	DPR, 4-EL73
EM11	O	RC, 1-EM11	D204	O	DPR, 3-B59	EM73	O	DPR, 4-EM73
EN11	O	RC, 1-EN11	D205	O	DPR, 3-B59	EN73	O	DPR, 4-EN73
EO11	O	RC, 1-EO11	D206	O	DPR, 3-B59	EO73	O	DPR, 4-EO73
EP11	O	RC, 1-EP11	D207	O	DPR, 3-B59	EP73	O	DPR, 4-EP73
EQ11	O	RC, 1-EQ11	D208	O	DPR, 3-B59	EQ73	O	DPR, 4-EQ73
ER11	O	RC, 1-ER11	D209	O	DPR, 3-B59	ER73		



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HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

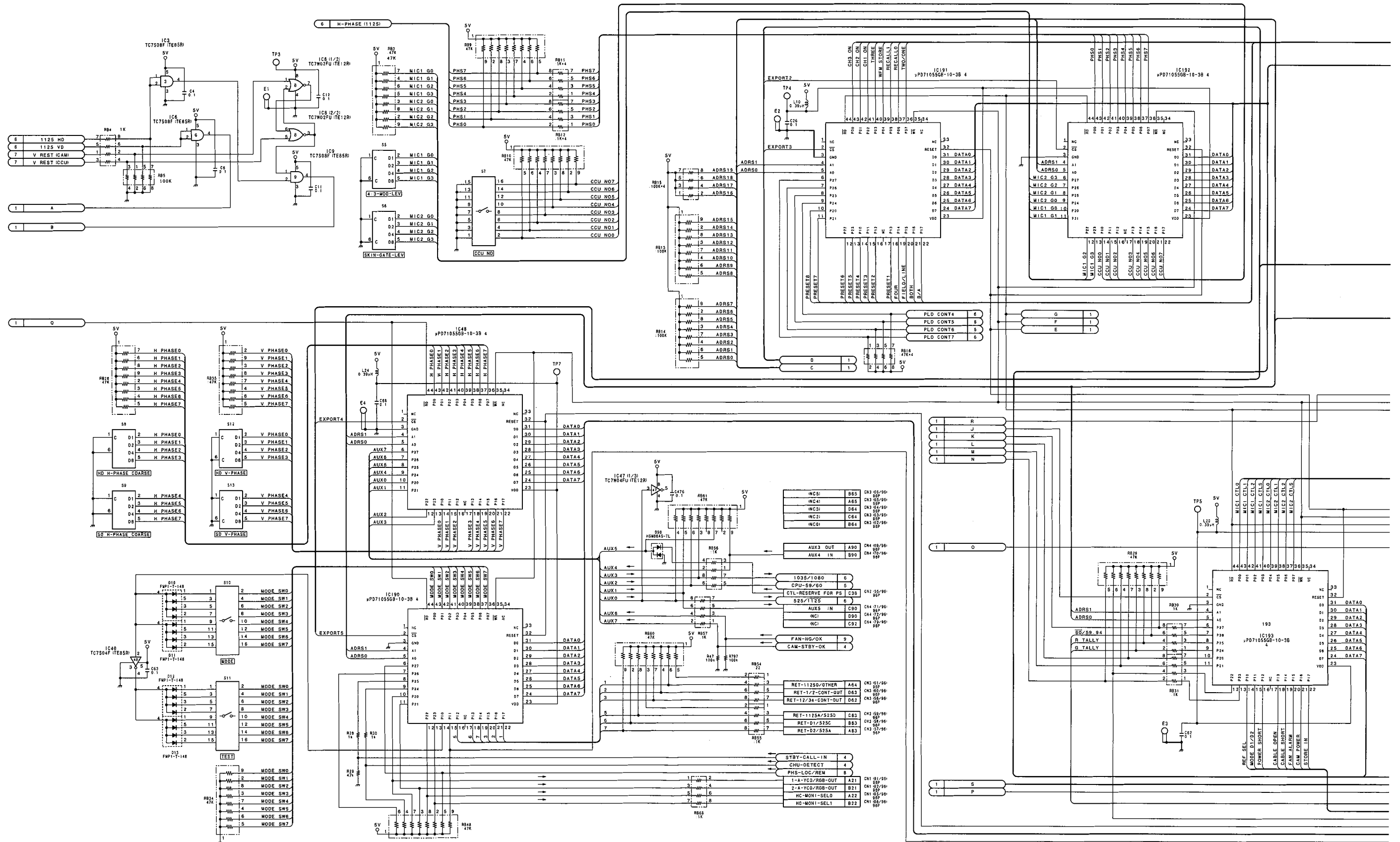
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HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

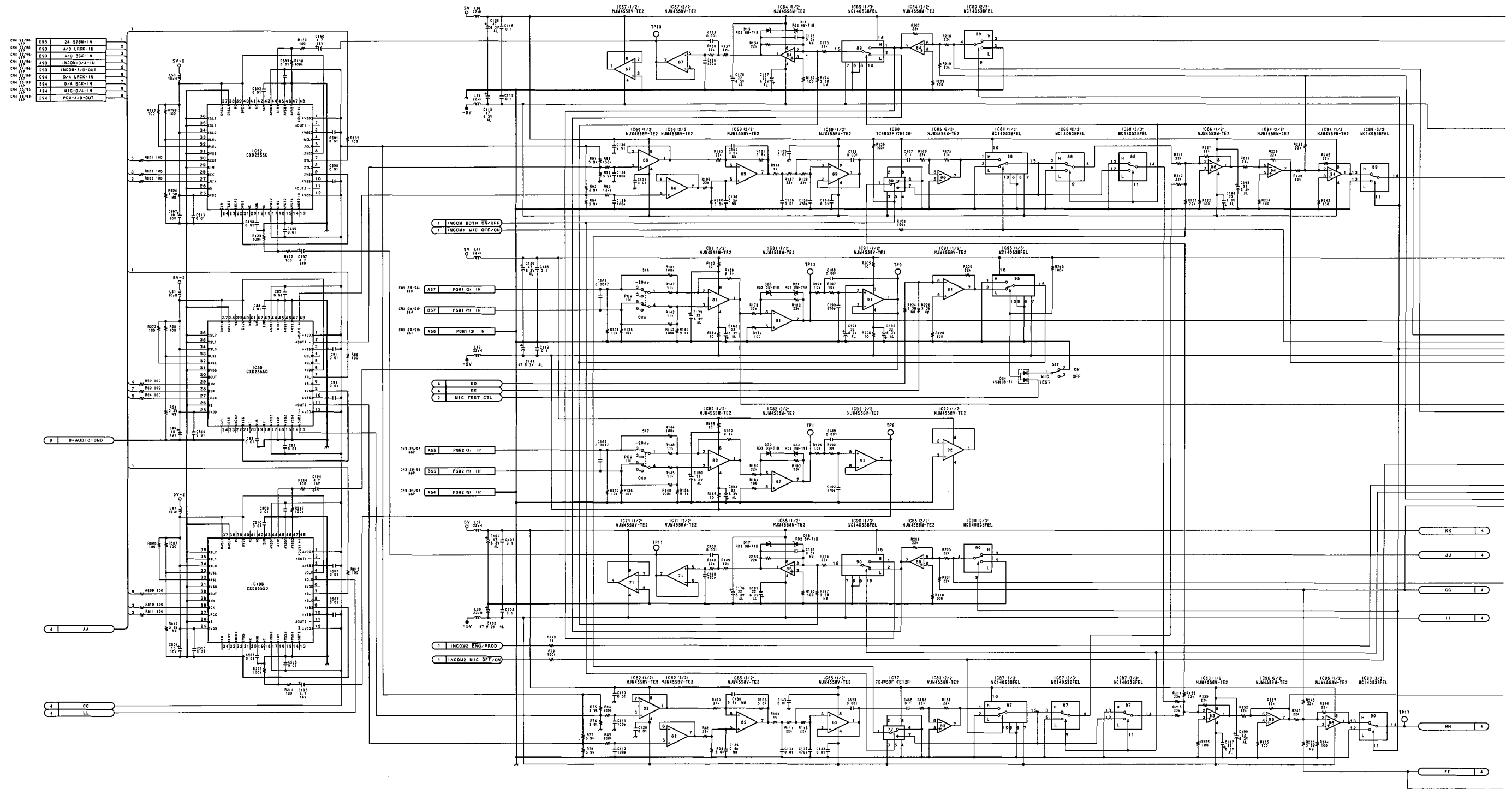
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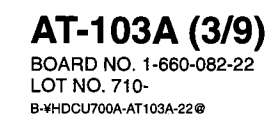
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HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

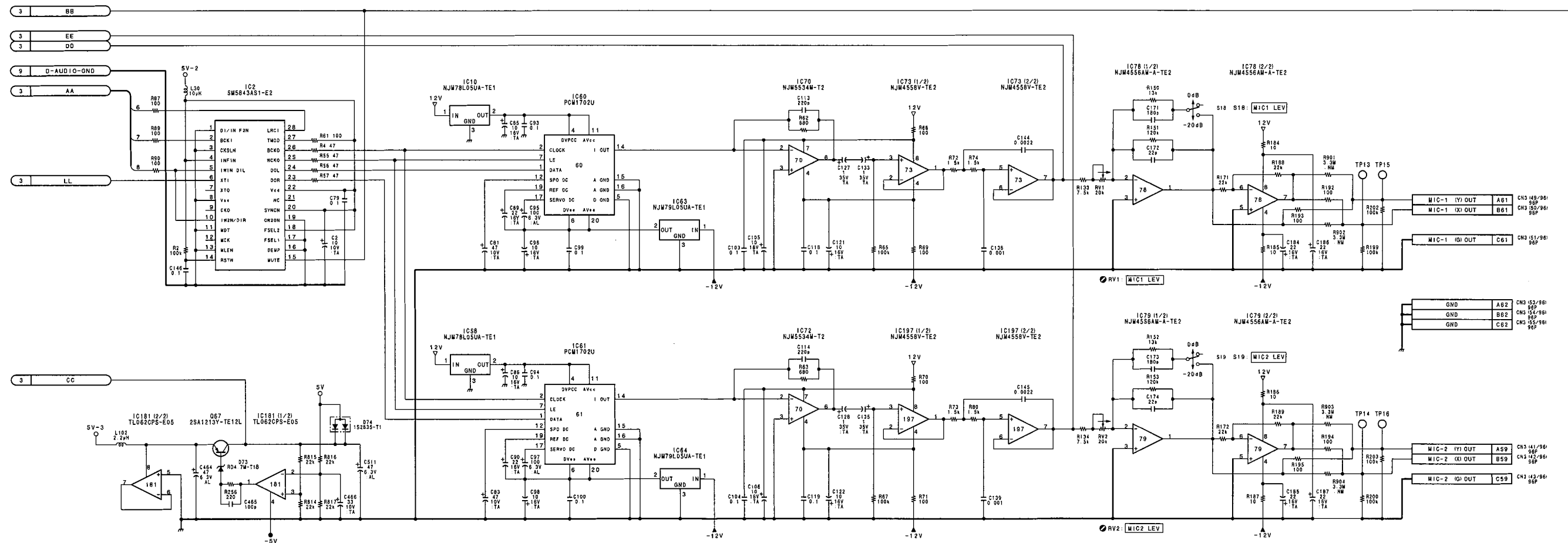
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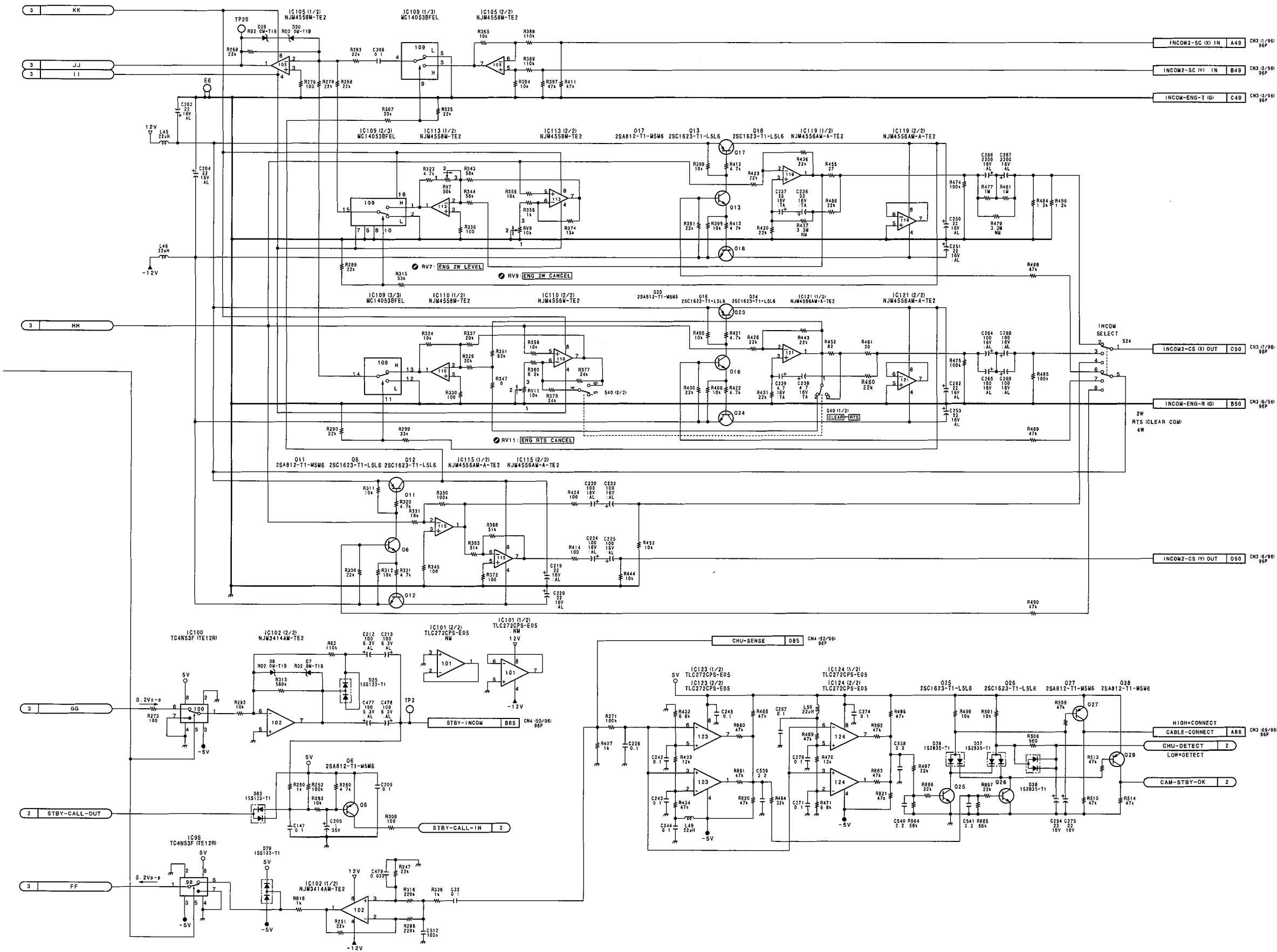
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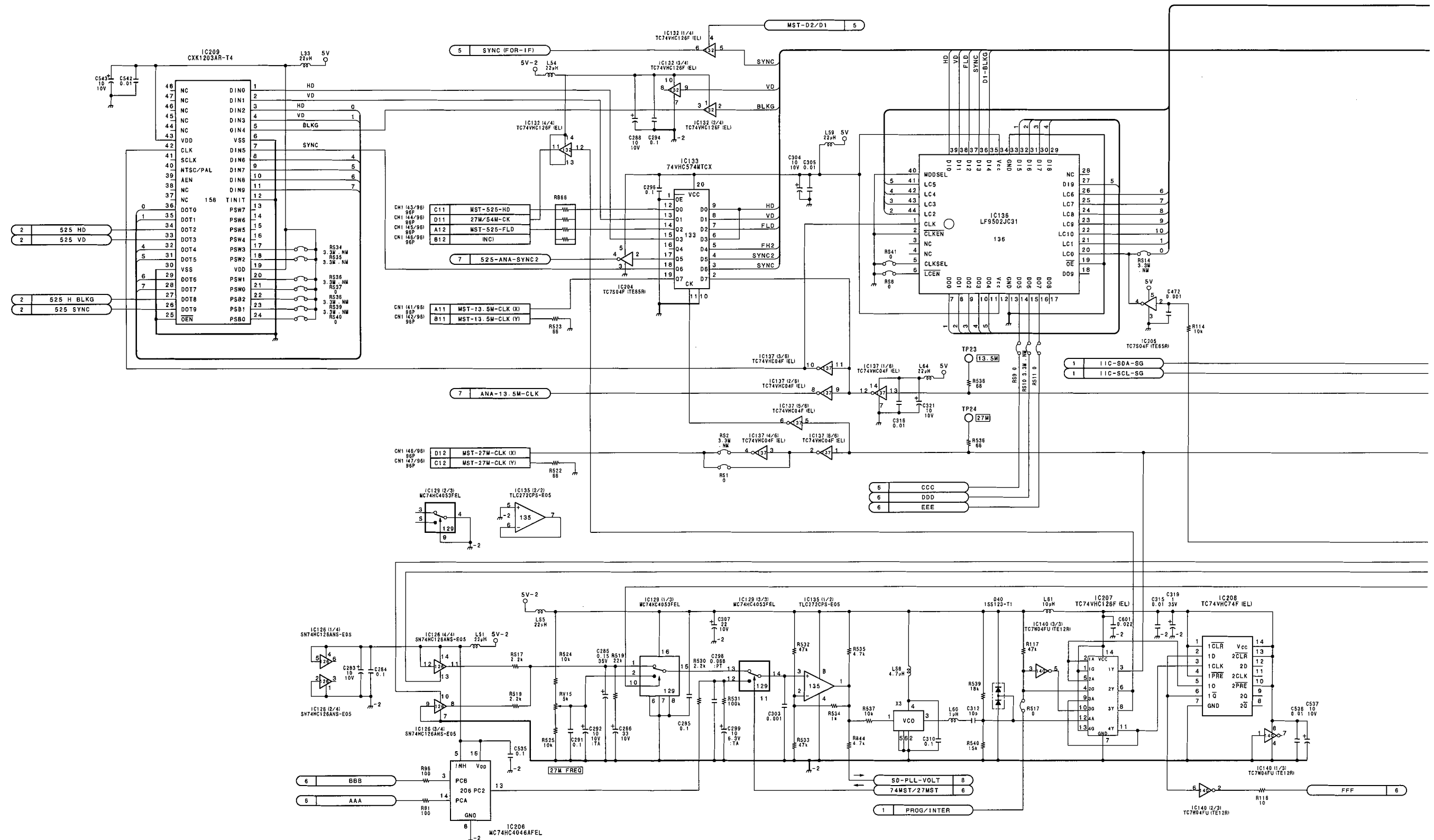
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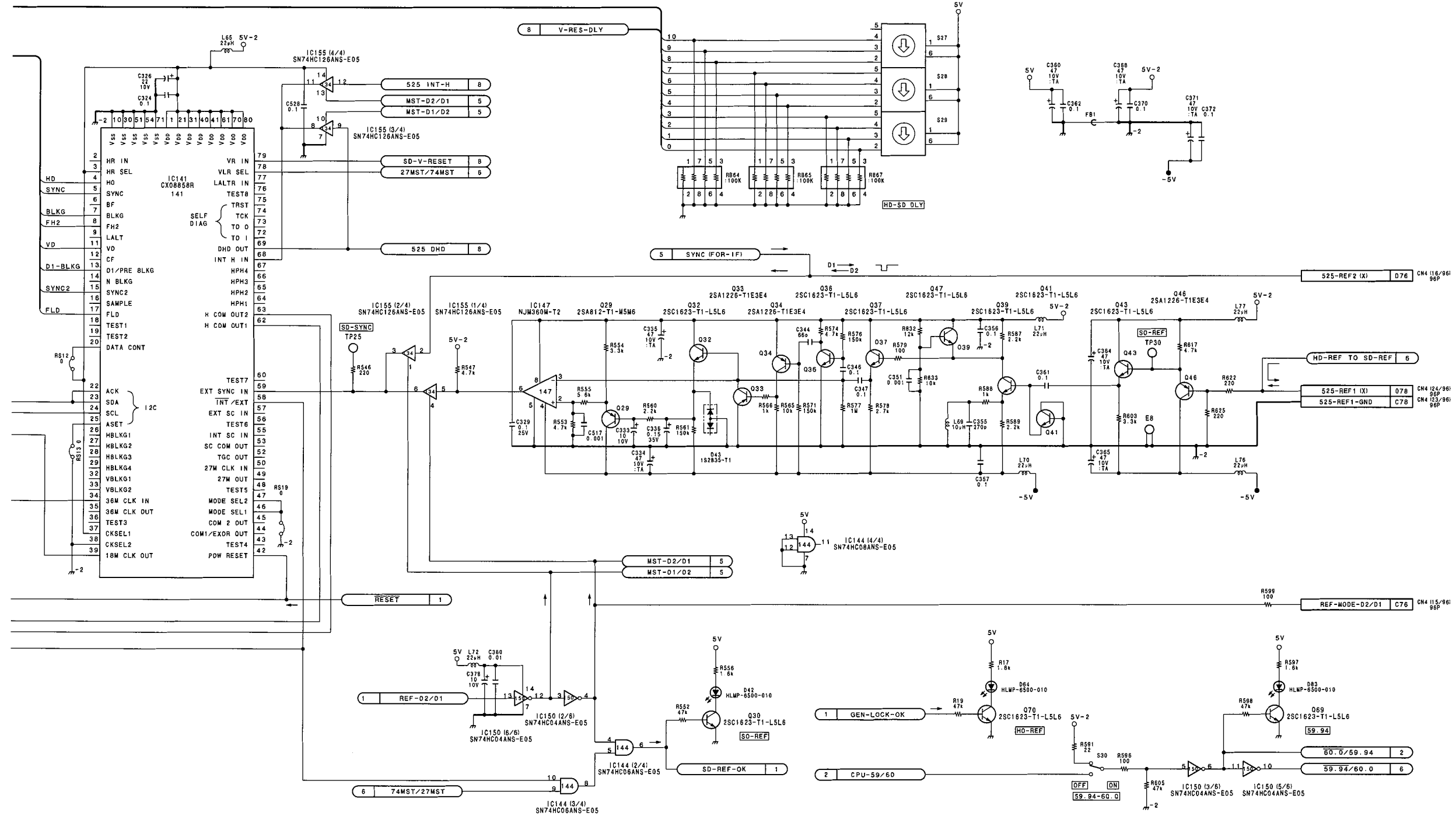




AT-103A (4/9)
BOARD NO. 1-660-082-22
LOT NO. 710-
B-WHDCU700A-AT103A-22@

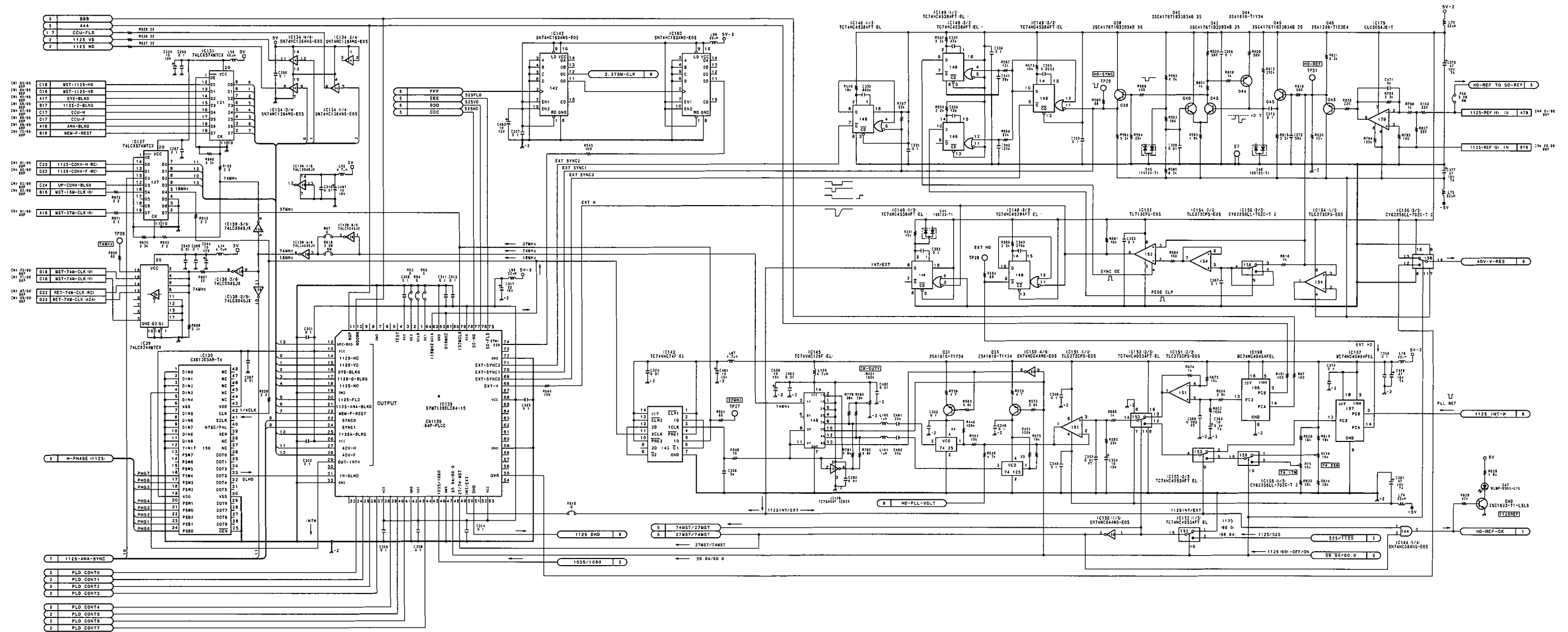
HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher



**AT-103A (5/9)**

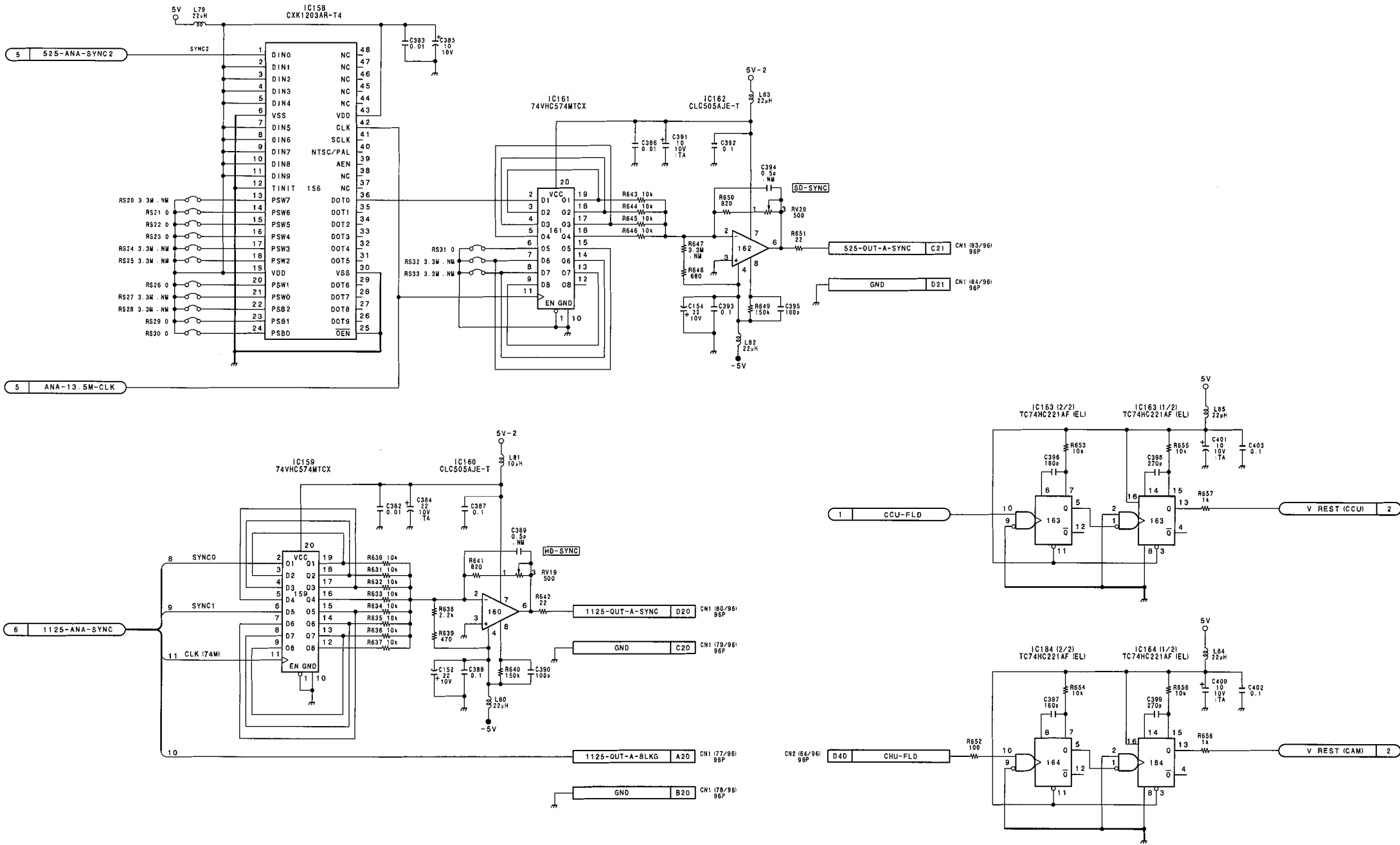
BOARD NO. 1-660-082-22
LOT NO. 710-
B-VHDCU700A-AT103A-22@

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher



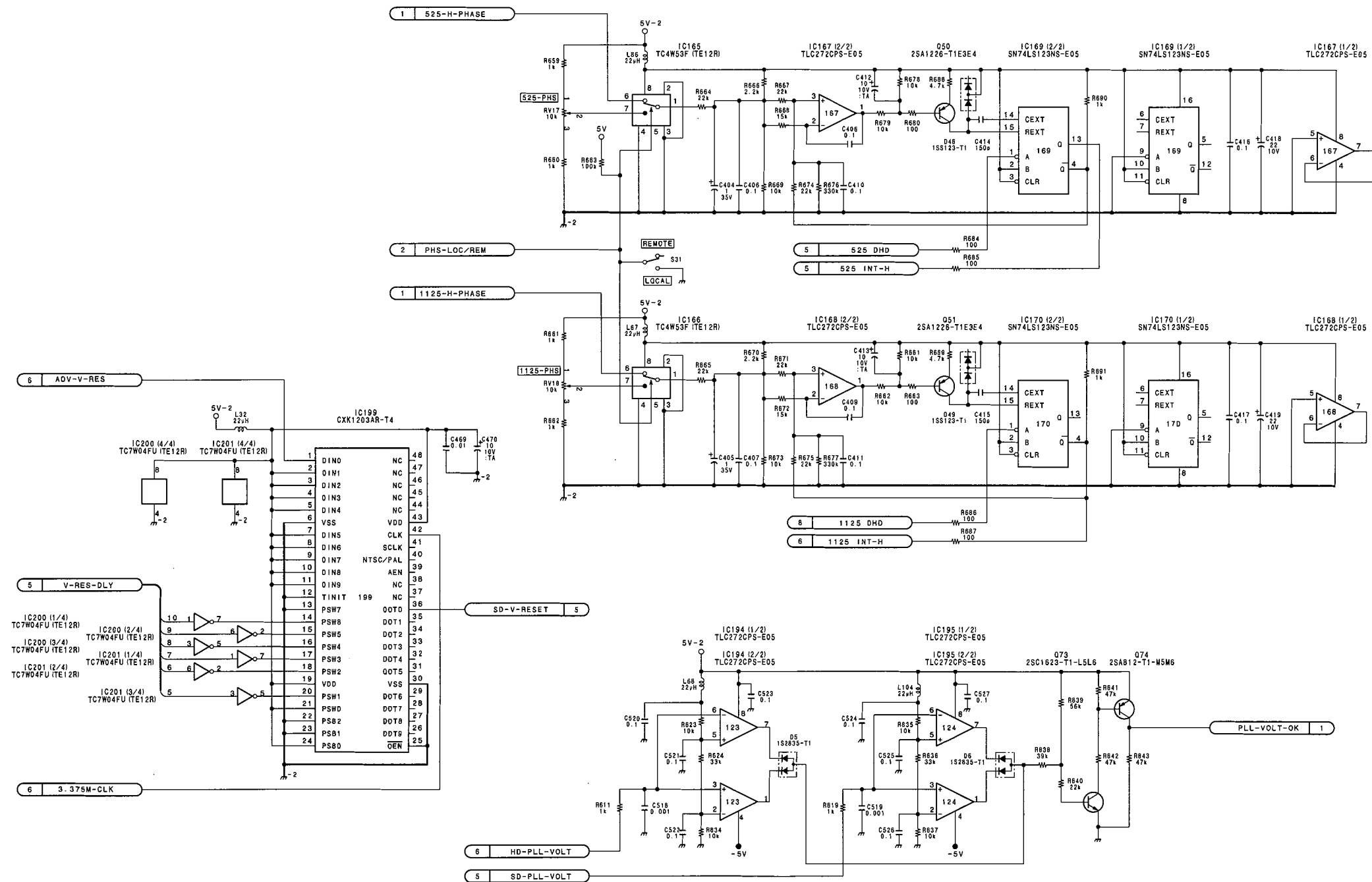
AT-103A (6/9)
BOARD NO. 1-660-082-22
LOT NO. 710-
B-¥HDCU700A-AT103A-22@

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher



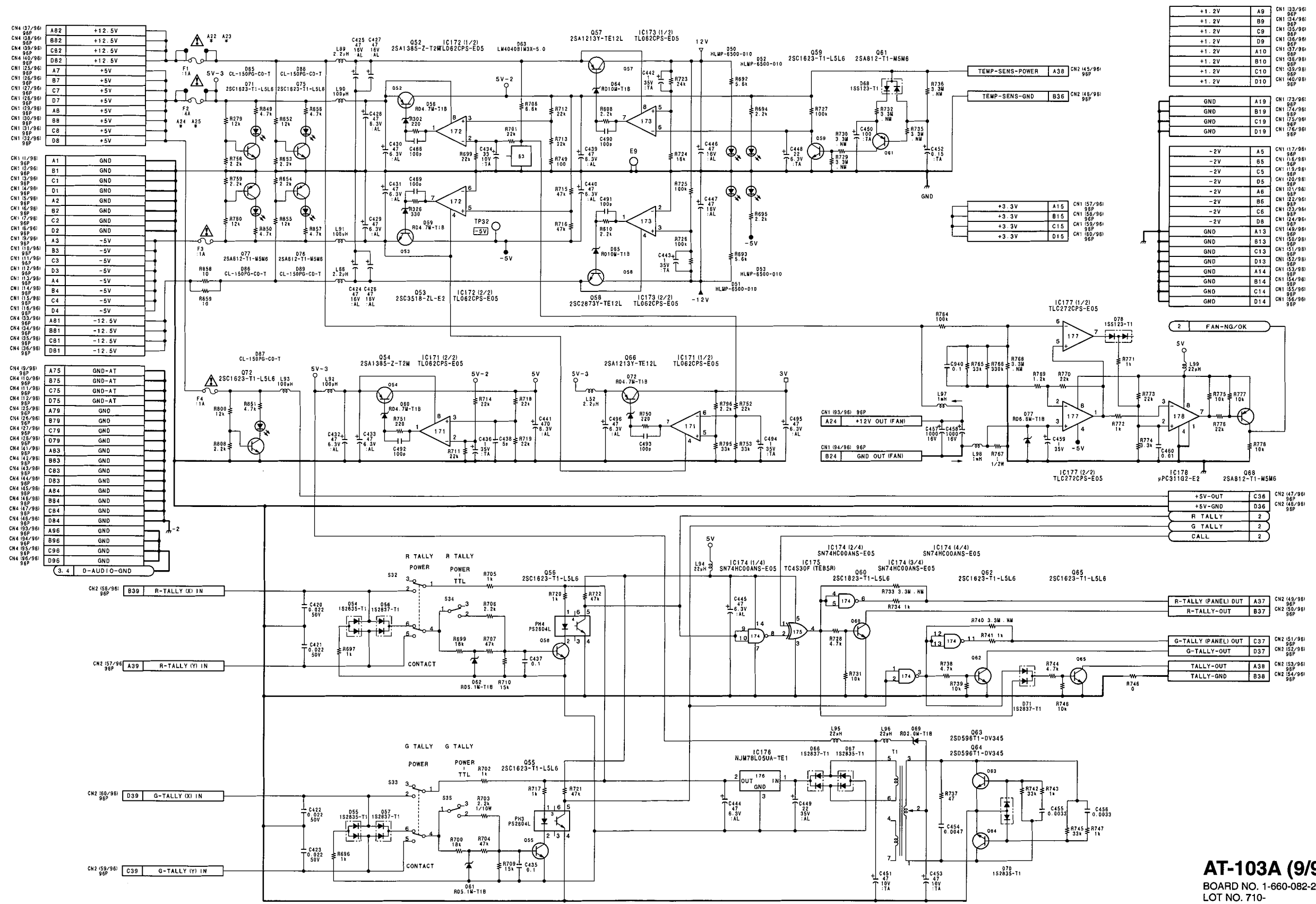
AT-103A (7/9)
BOARD NO. 1-660-082-22
LOT NO. 710-
B-WHDCU700A-AT103A-22@

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher



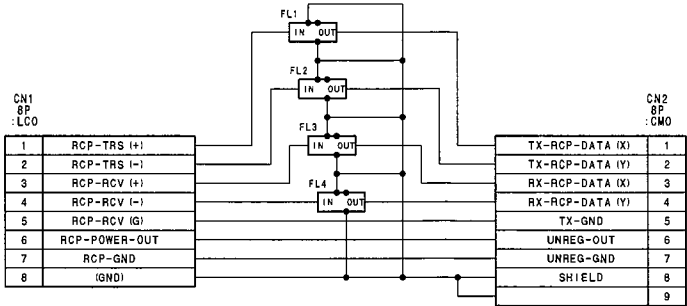
AT-103A (8/9)
BOARD NO. 1-660-082-22
LOT NO. 710-
B-WHDCU700A-AT103A-22@

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher



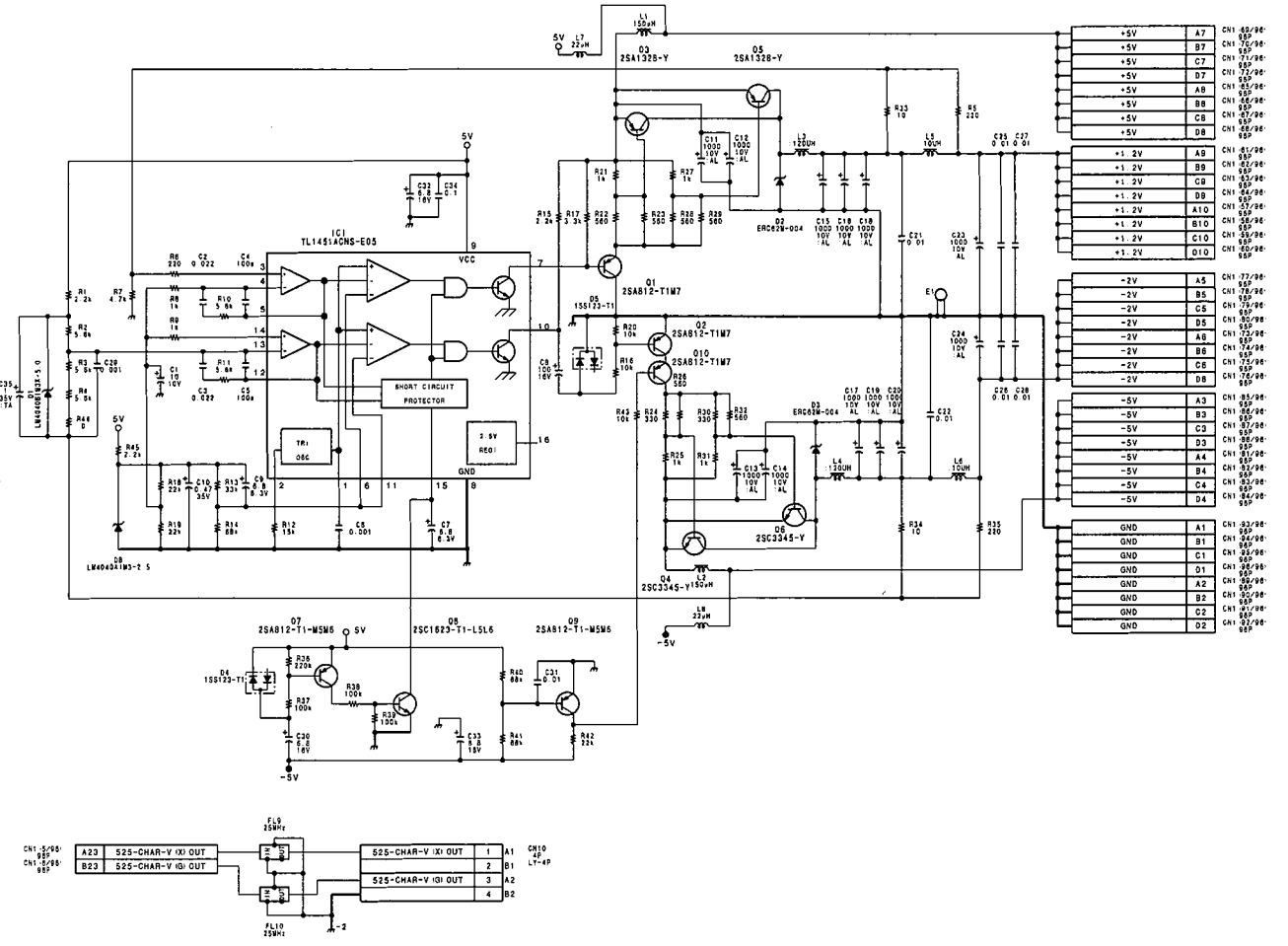
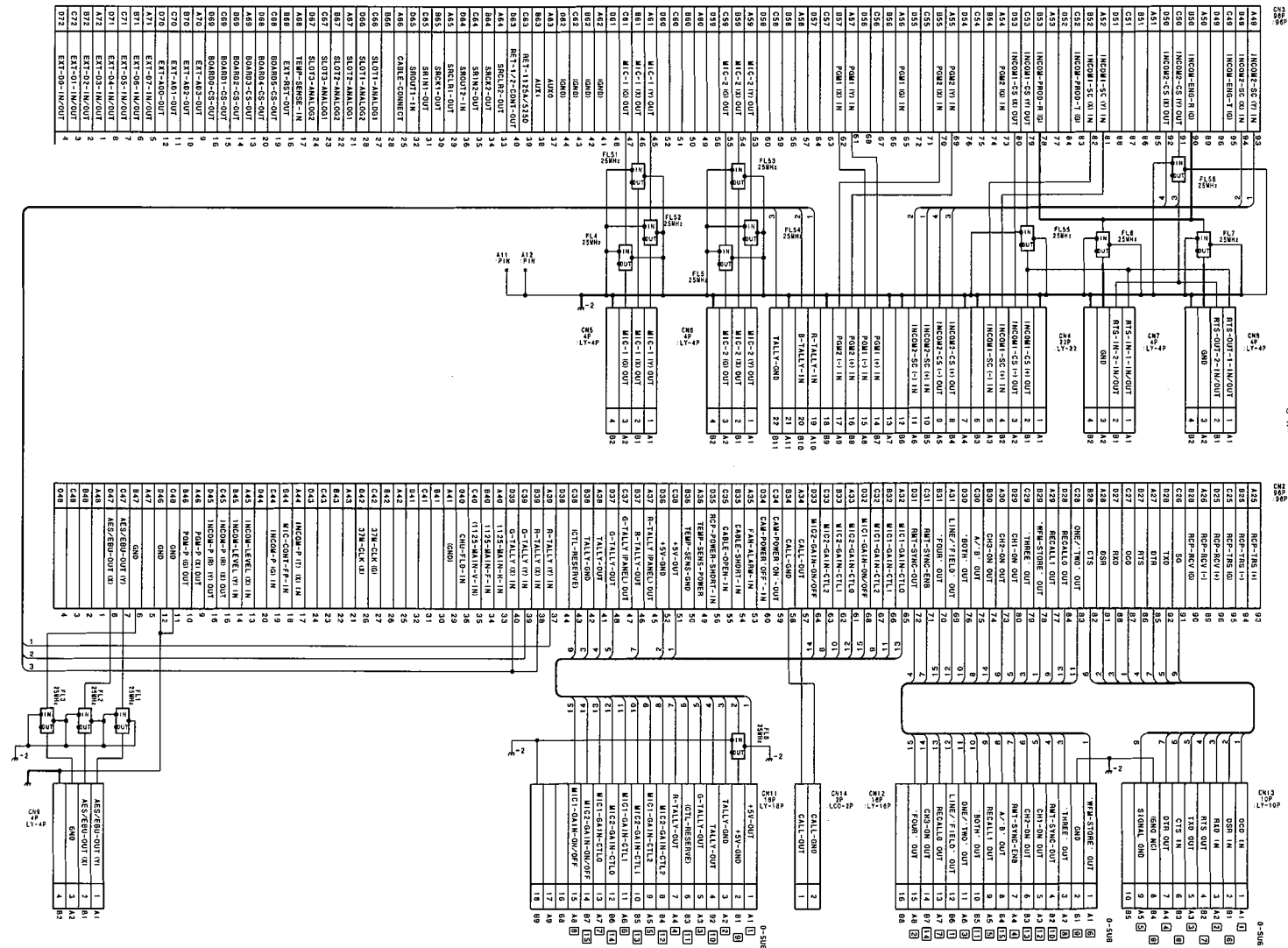
AT-103A (9/9)
BOARD NO. 1-660-082-22
LOT NO. 710-
B-WHDCU700A-AT103A-22@

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher



CN-1364
BOARD NO. 1-660-070-11, 12
LOT NO. 710-
B-WHDCU700-CN1364-12

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher



PS-414
BOARD NO. 1-660-088-14
LOT NO. 710-
B-HDCU700-PS414-14

HDCU-700A (UC) : S/N 10001 and higher
HDCU-700A (J) : S/N 30001 and higher

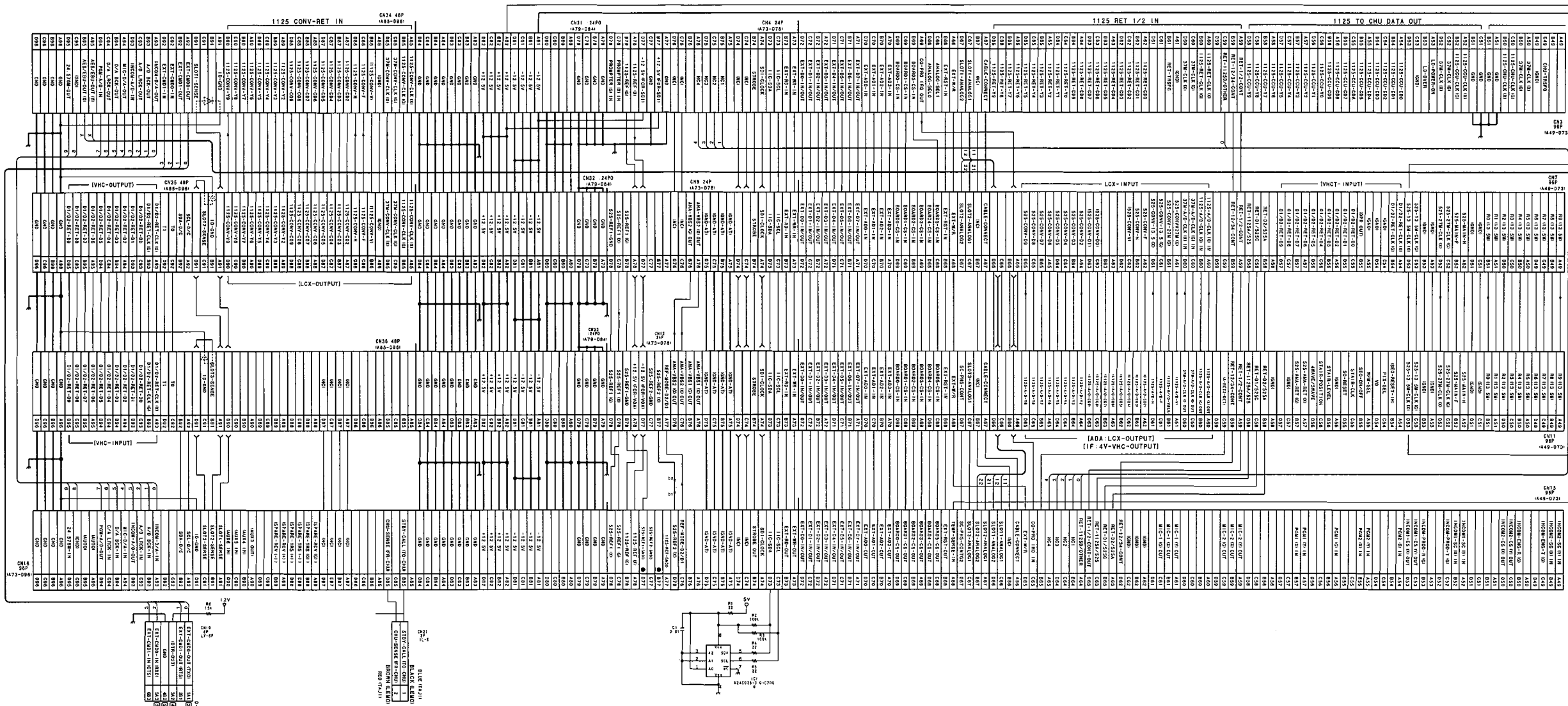
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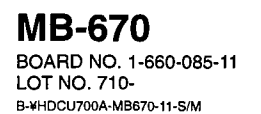
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HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher

IF-704 CN1

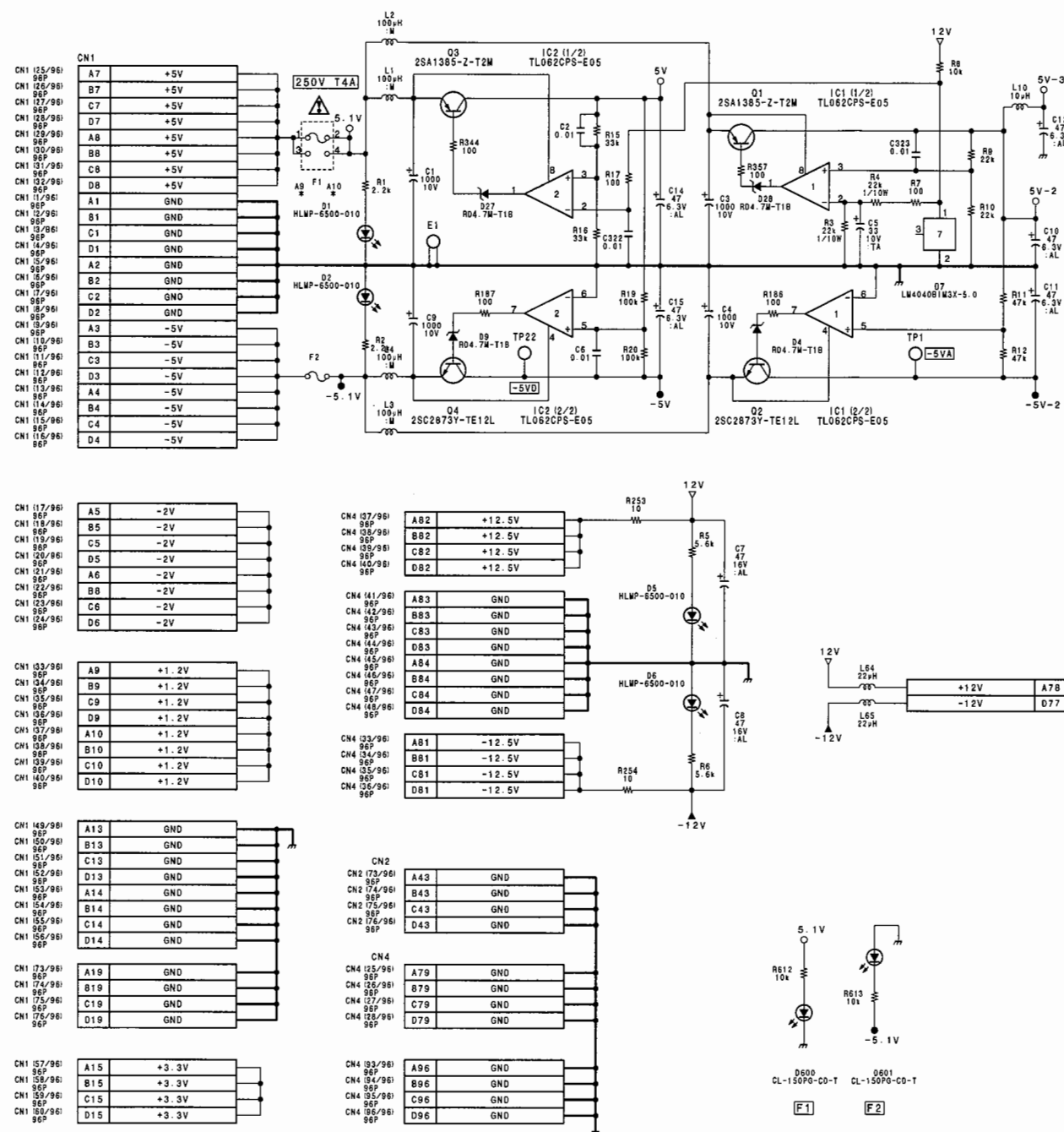
Pin I/O Destination

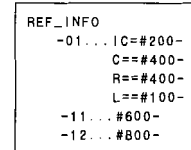
A20	I	AT, 1-A20
D20	I	AT, 1-D20
A21	I	AT, 1-A21
B21	I	AT, 1-B21
C21	I	AT, 1-C21
A22	I	AT, 1-A22
B22	I	AT, 1-B22
D22	I	AT, 1-D22

IF-704 CN2

Pin I/O Destination

A25	O	DIF, 2-A25
B25	O	DIF, 2-B25
D25	I	RC, 2-D25
C26	O	DIF, 2-C26
D26	O	DIF, 2-D26
A27	O	DIF, 2-A27
B27	O	DIF, 2-B27
C27	O	DIF, 2-C27
D27	O	DIF, 2-D27
A28	O	DIF, 2-A28
B28	O	DIF, 2-B28
C28	O	DIF, 2-C28
D28	O	DIF, 2-D28
A30	O	VDA, 2-A30
B30	O	VDA, 2-B30
C30	O	VDA, 2-C30
D30	O	VDA, 2-D30
A31	O	VDA, 2-A31
B31	O	VDA, 2-B31
C31	O	VDA, 2-C31
A32	O	VDA, 2-A32
B32	O	VDA, 2-B32
C32	O	VDA, 2-C32
D32	O	VDA, 2-D32
A33	O	VDA, 2-A33
B33	O	VDA, 2-B33
C33	O	VDA, 2-C33
D33	O	VDA, 2-D33
A35	I	DPR, 2-A35
B35	I	DPR, 2-B35
C35	I	DPR, 2-C35
D35	I	DPR, 2-D35
A36	I	DPR, 2-A36
B36	I	DPR, 2-B36
C36	I	DPR, 2-C36
D36	I	DPR, 2-D36
A37	I	DPR, 2-A37
B37	I	DPR, 2-B37
C37	I	DPR, 2-C37
D37	I	DPR, 2-D37
A38	I	DPR, 2-A38
B38	I	DPR, 2-B38
C38	I	DPR, 2-C38
D38	I	DPR, 2-D38
A39	I	DPR, 2-A39
B39	I	DPR, 2-B39
C39	I	DPR, 2-C39
D39	I	DPR, 2-D39
C40	I	DPR, 2-C40
B41	I	DPR, 2-B41
C41	I	DPR, 2-C41
D42	I	DPR, 2-D42
A44	I	DPR, 2-A44
B44	I	DPR, 2-B44
C44	I	DPR, 2-C44
D44	I	DPR, 2-D44
A45	I	DPR, 2-A45
B45	I	DPR, 2-B45
C45	I	DPR, 2-C45
D45	I	DPR, 2-D45
A46	I	DPR, 2-A46
B46	I	DPR, 2-B46
C46	I	DPR, 2-C46
D46	I	DPR, 2-D46
A47	I	DPR, 2-A47
B47	I	DPR, 2-B47
C47	I	DPR, 2-C47
D47	I	DPR, 2-D47
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C48	I	DPR, 2-C48
D48	I	DPR, 2-D48



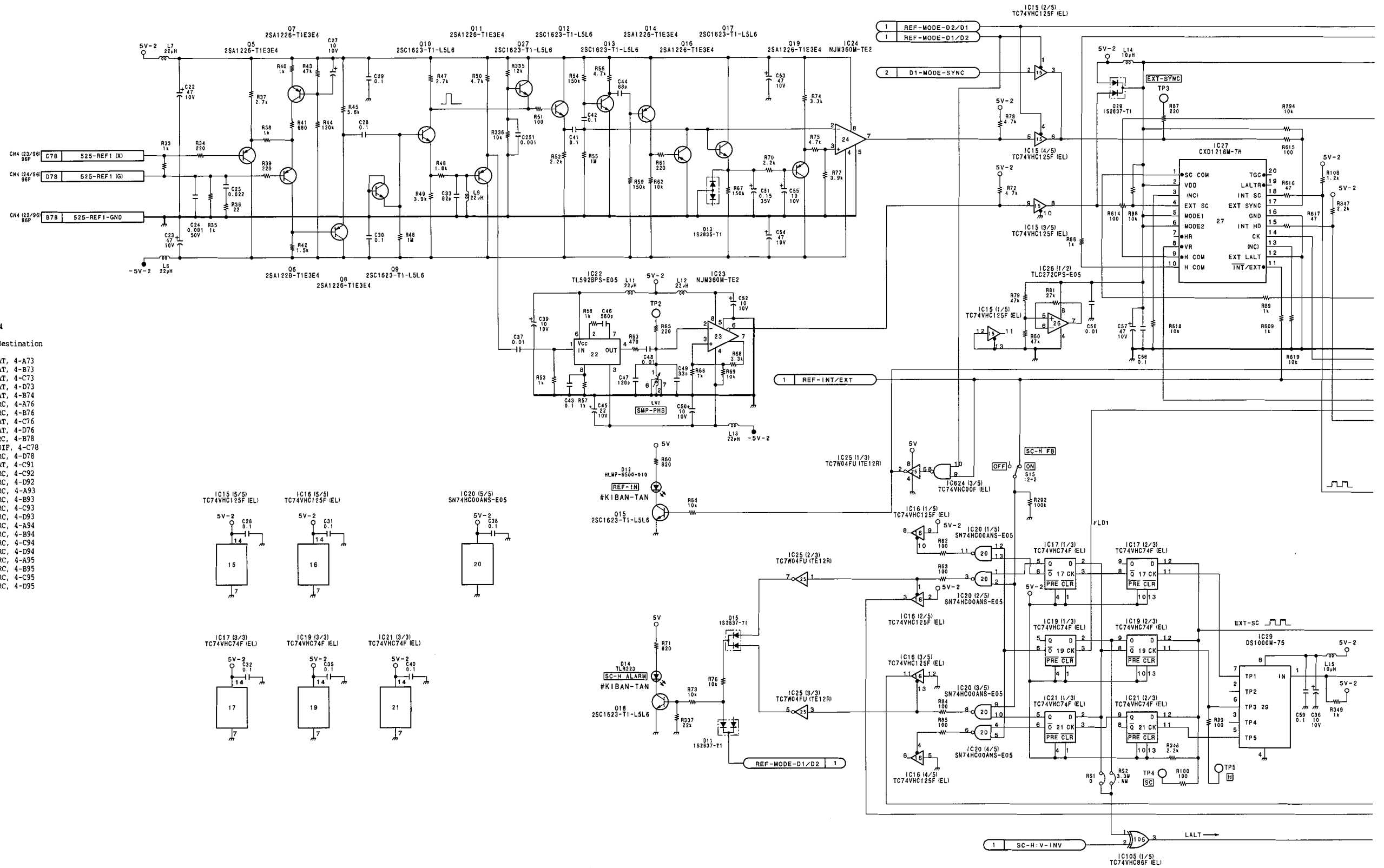


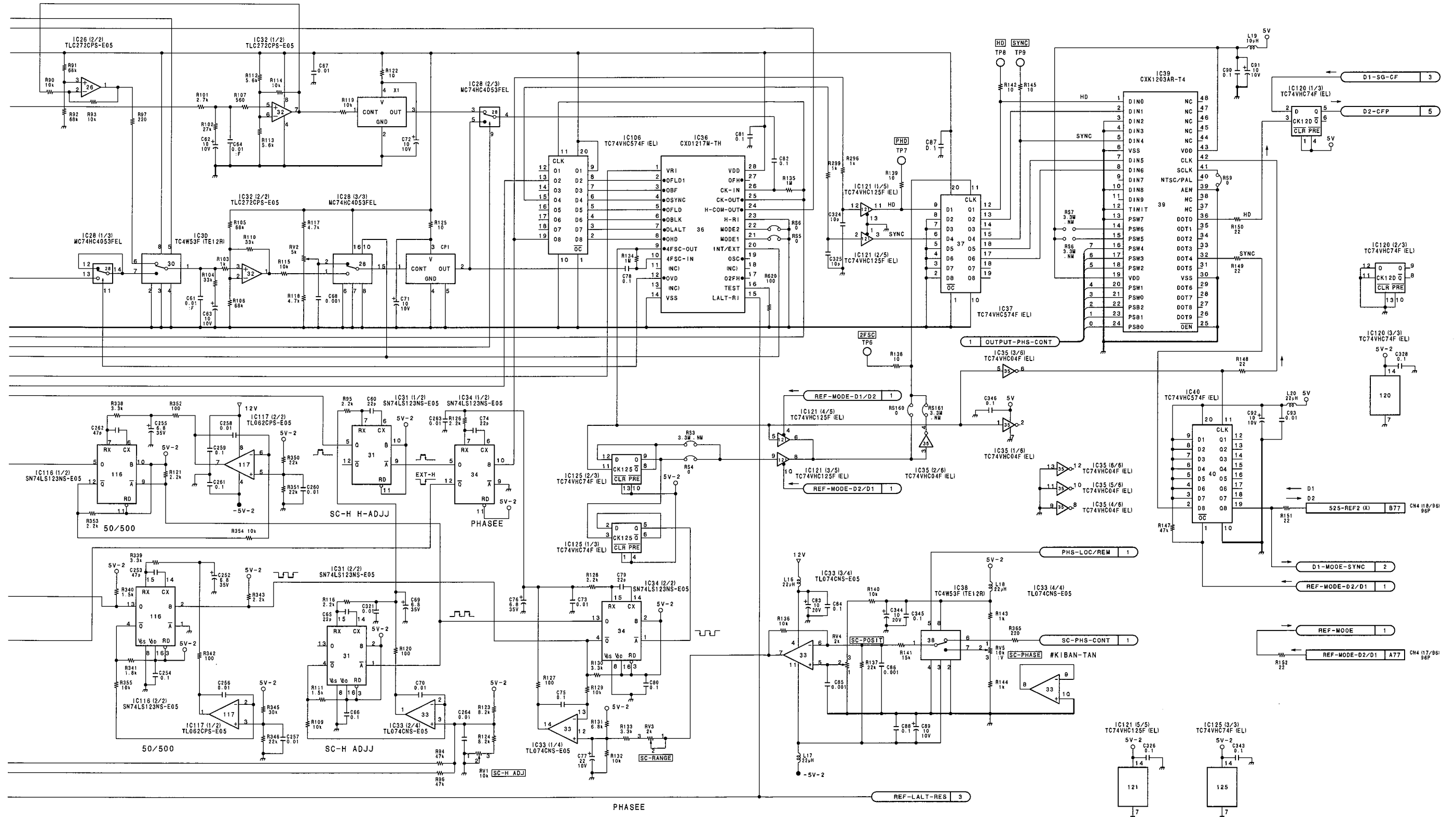
B-YHKCU701A-IF704-12@

HDCU-700A

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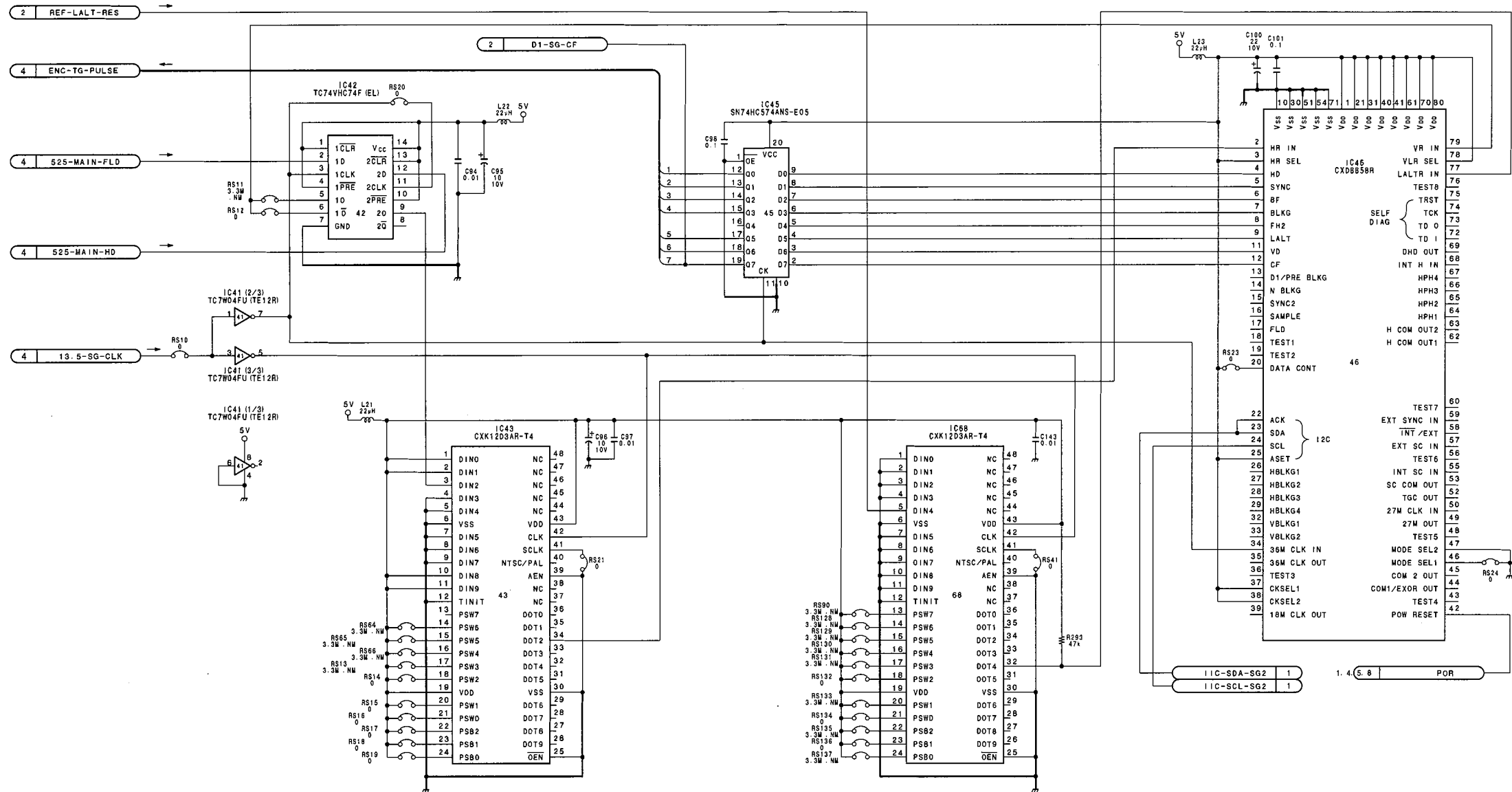
Pin	I/O	Destination
A73	I	AT, 4-A73
B73	I	AT, 4-B73
C73	I	AT, 4-C73
D73	I	AT, 4-D73
B74	I	AT, 4-B74
C76	O	RC, 4-A76
D76	O	RC, 4-B76
A77	I	AT, 4-C76
B77	I/O	AT, 4-D76
B78	I	RC, 4-B78
C78	I	DIF, 4-C78
D78	I	RC, 4-D78
B91	O	AT, 4-C91
C92	I	RC, 4-C92
D92	I	RC, 4-D92
A93	I	RC, 4-A93
B93	I	RC, 4-B93
C93	I	RC, 4-C93
D93	I	RC, 4-D93
A94	I	RC, 4-A94
B94	I	RC, 4-B94
C94	I	RC, 4-C94
D94	I	RC, 4-D94
A95	I	RC, 4-A95
B95	I	RC, 4-B95
C95	I	RC, 4-C95
D95	I	RC, 4-D95





IF-704 (2/9)
BOARD NO. 1-669-021-12
LOT NO. 710-
B-¥HKCU701A-IF704-12@

HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher



IF-704 (3/9)
BOARD NO. 1-669-021-12
LOT NO. 710-
B-VHKCU701A-IF704-12@

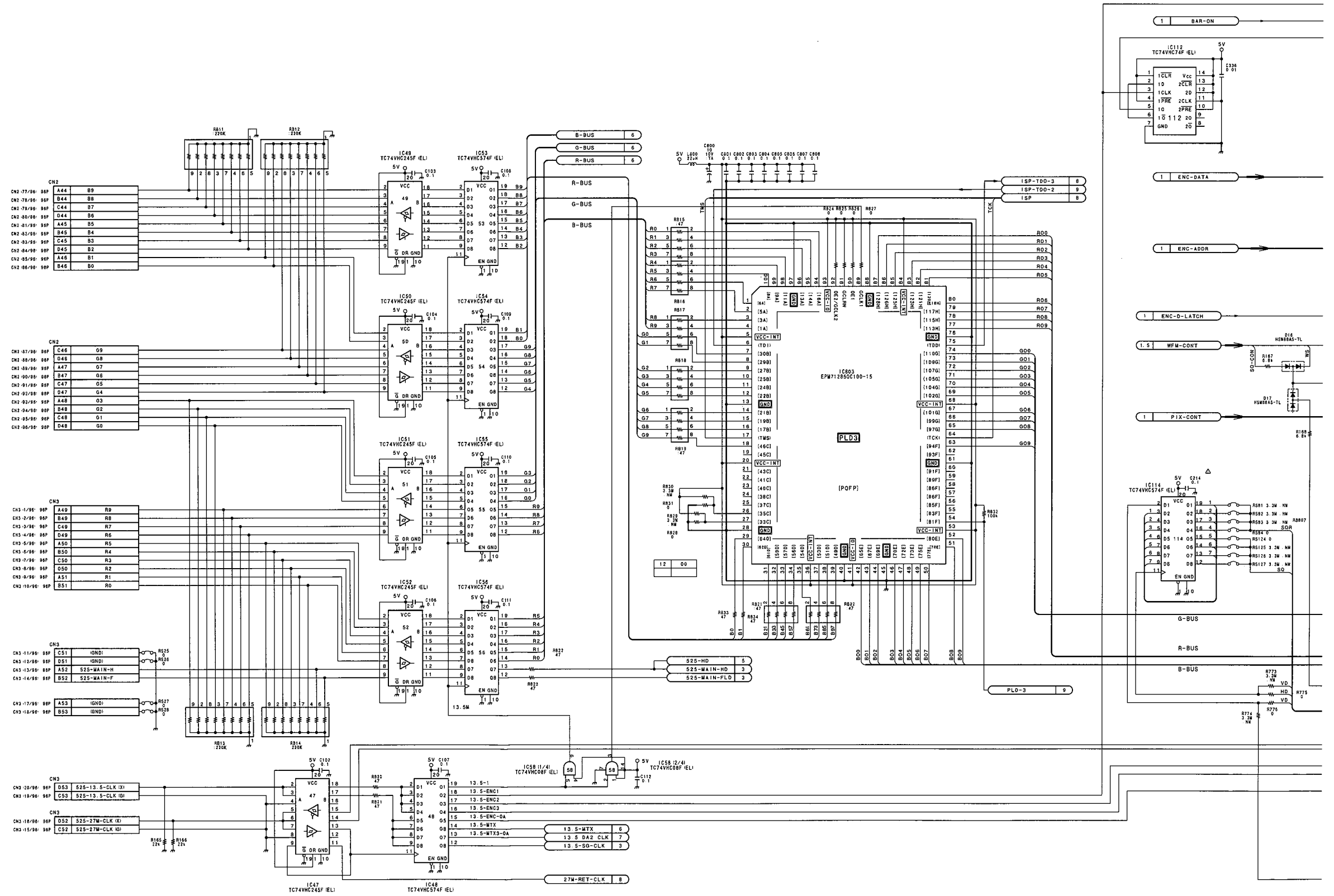
HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher

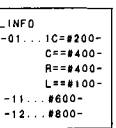
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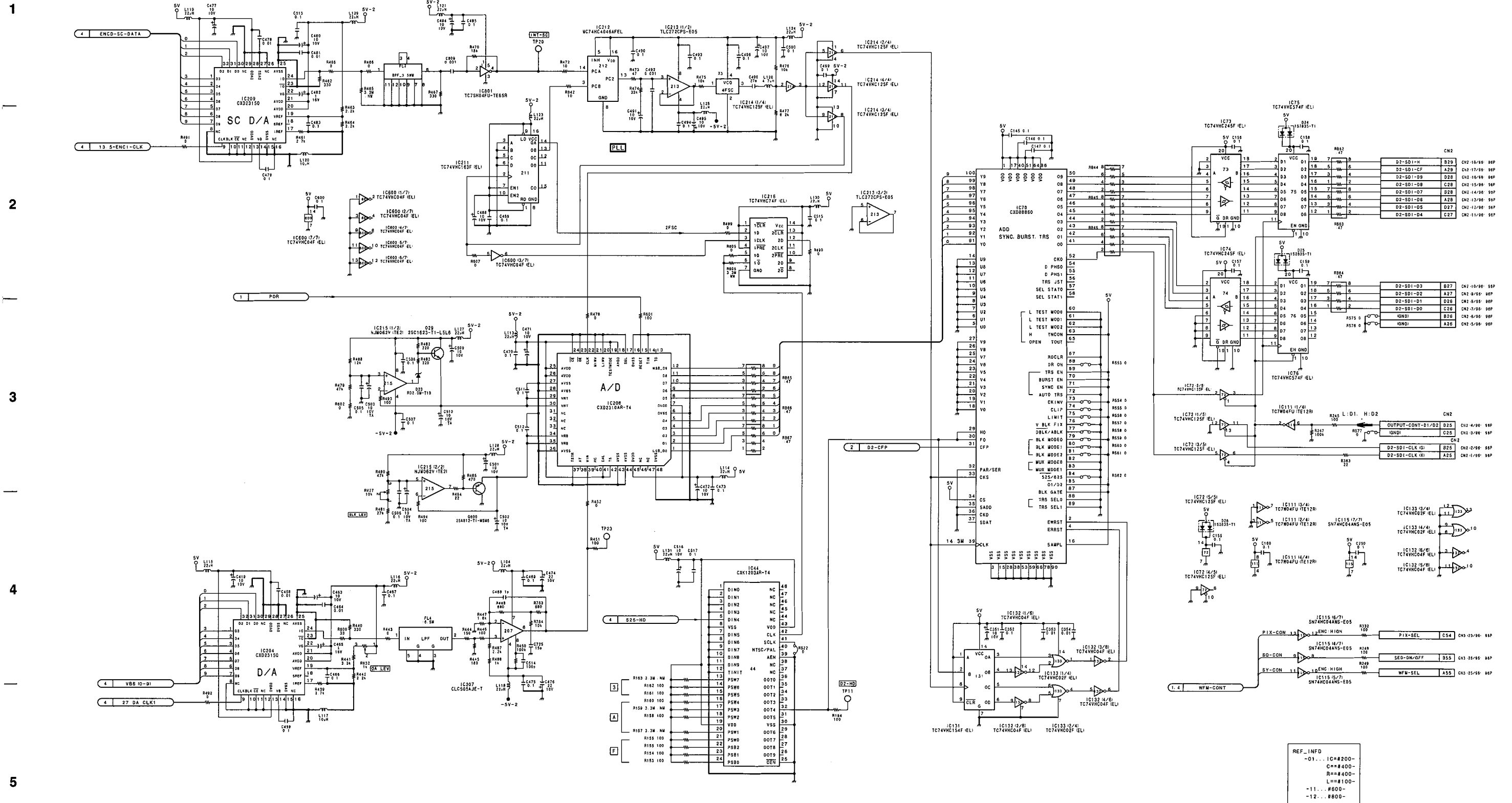
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HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher



HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher

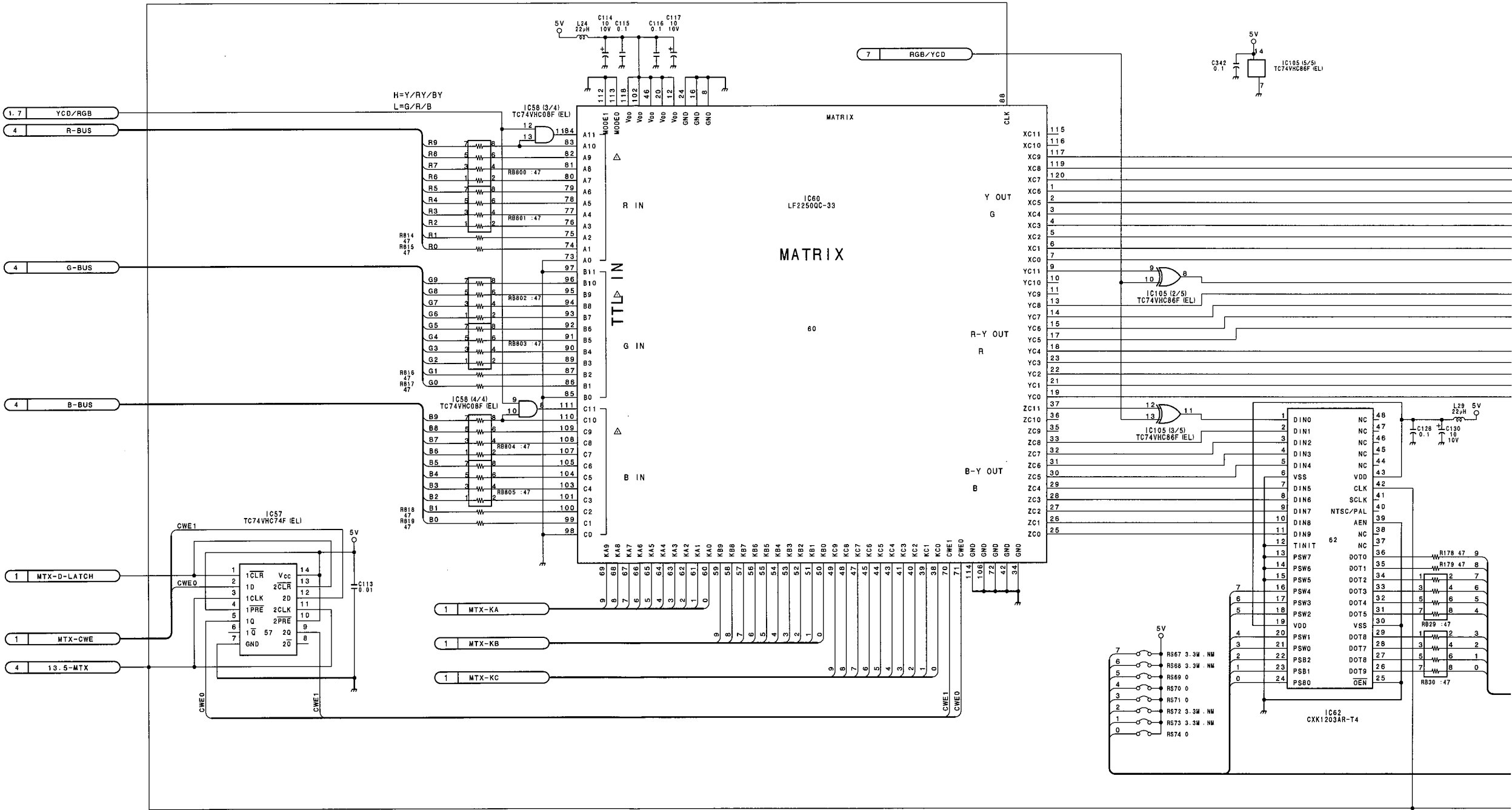
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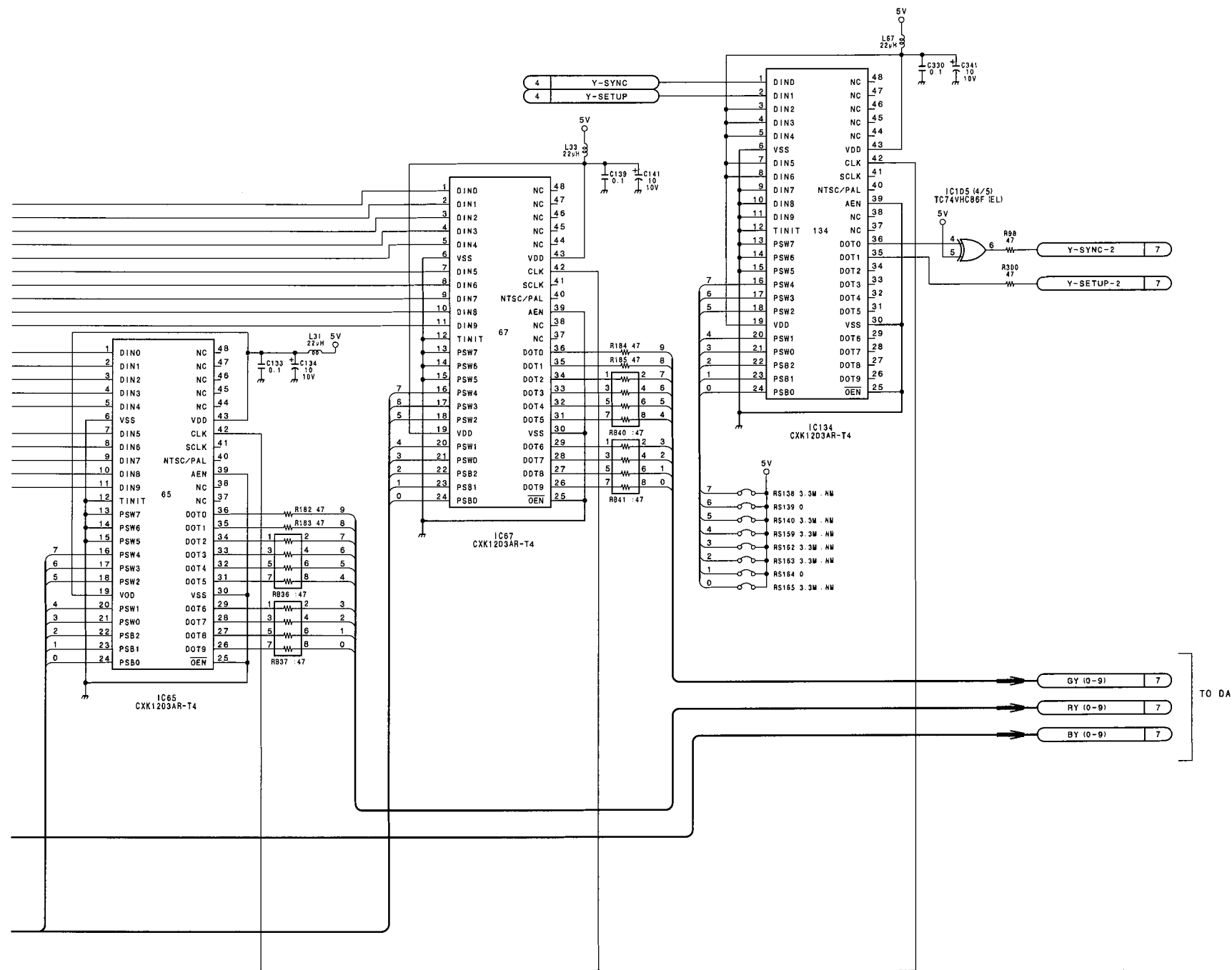
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**IF-704 (6/9)**

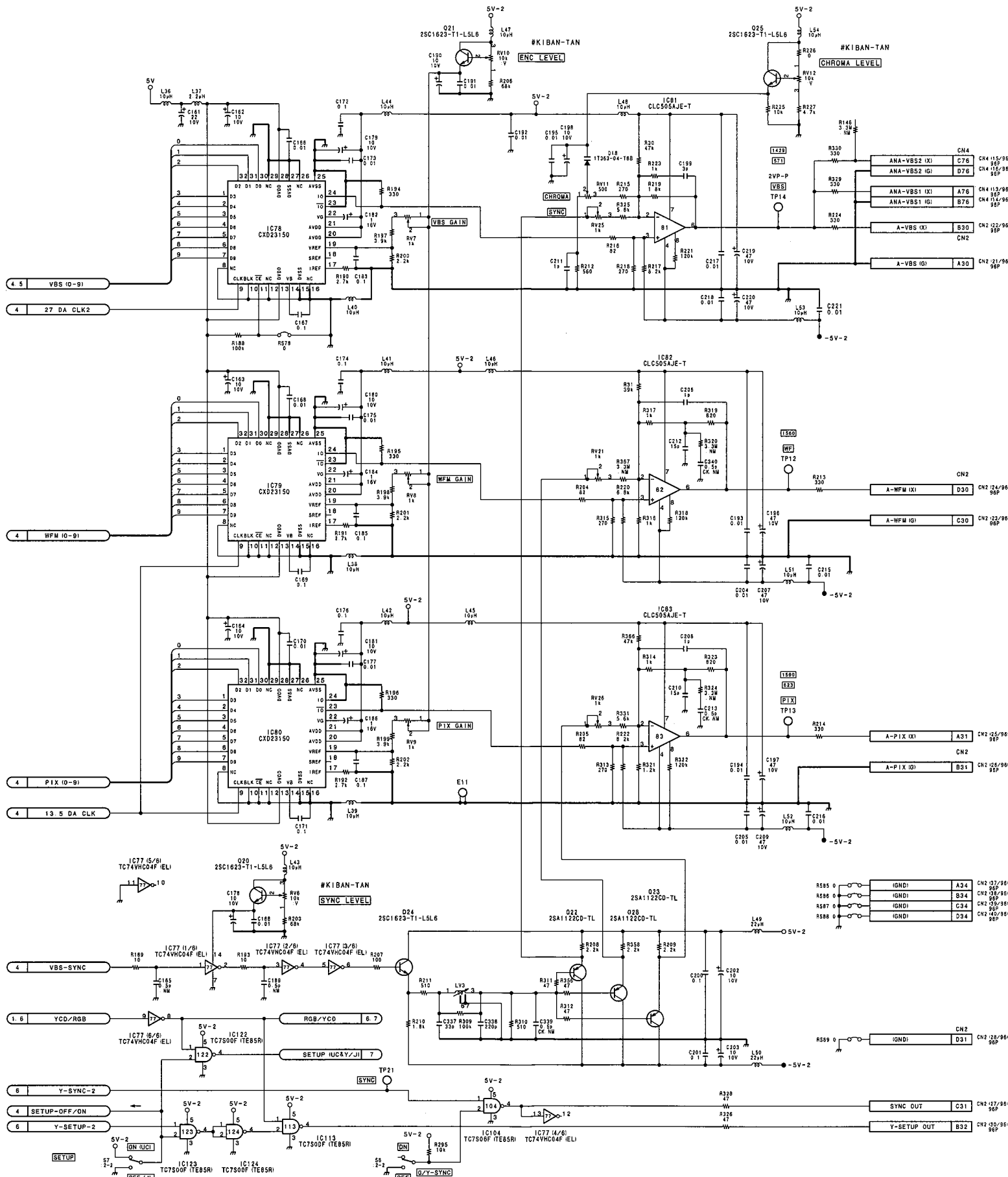
BOARD NO. 1-669-021-12

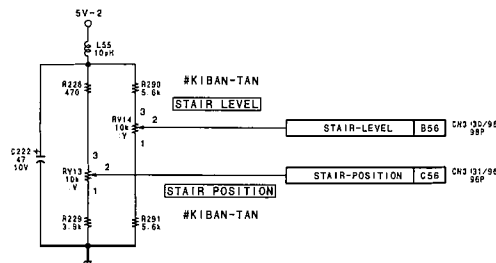
LOT NO. 710-

B-VHKCU701A-IF704-12@

IF-704 (7/9)

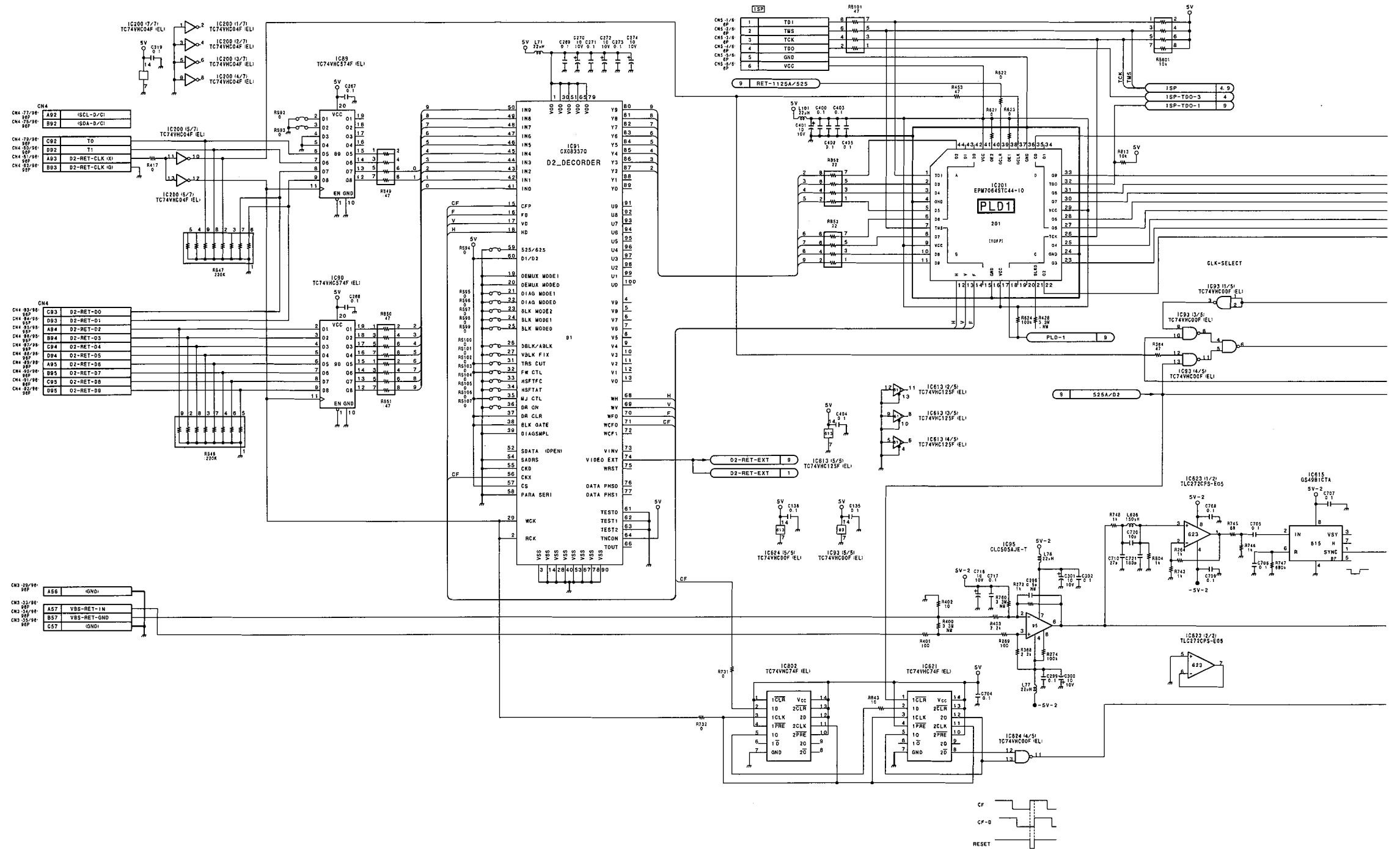
HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher





IF-704 (7/9)
BOARD NO. 1-669-021-12
LOT NO. 710-
B-WHKCU701A-IF704-12@

HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher





HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher

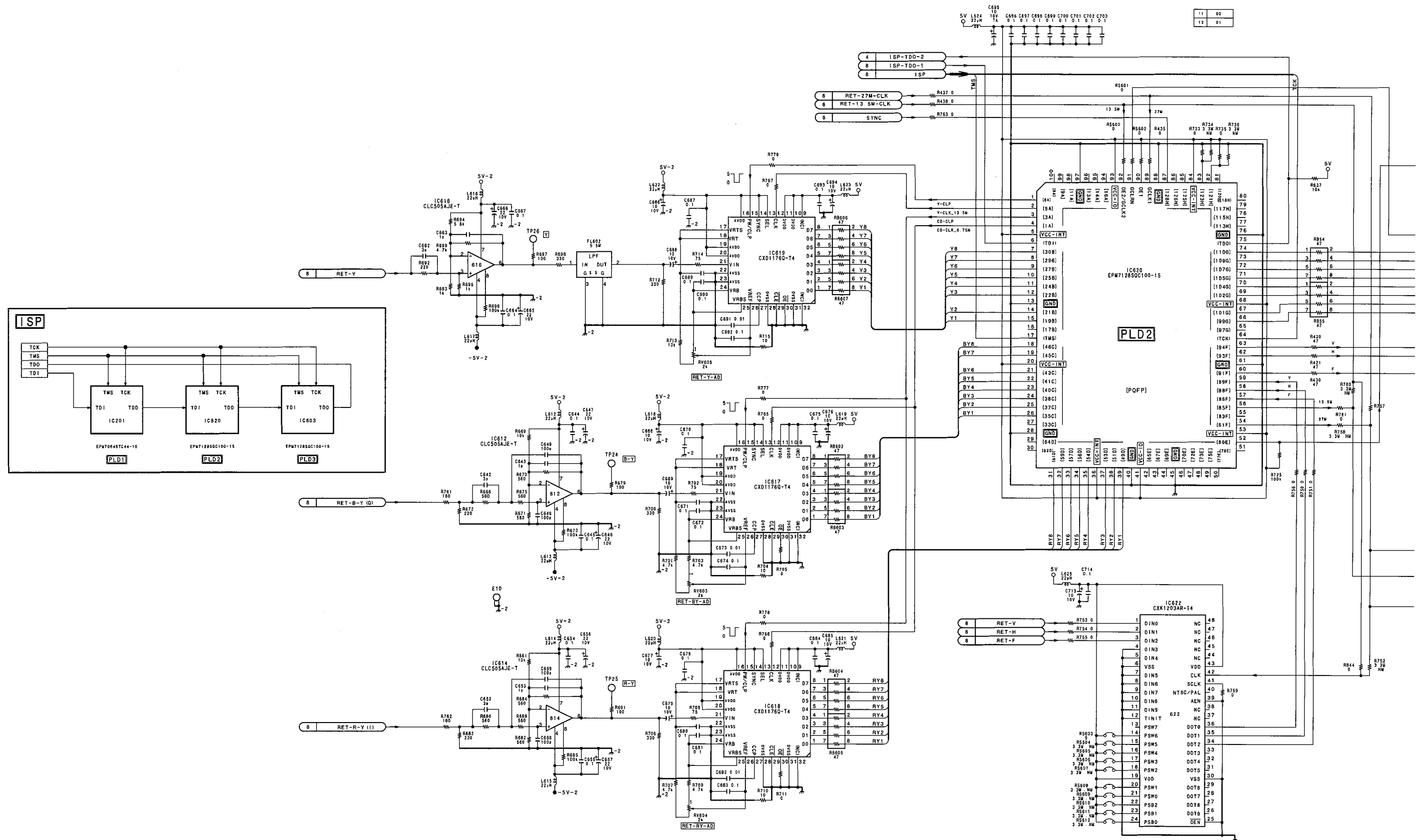
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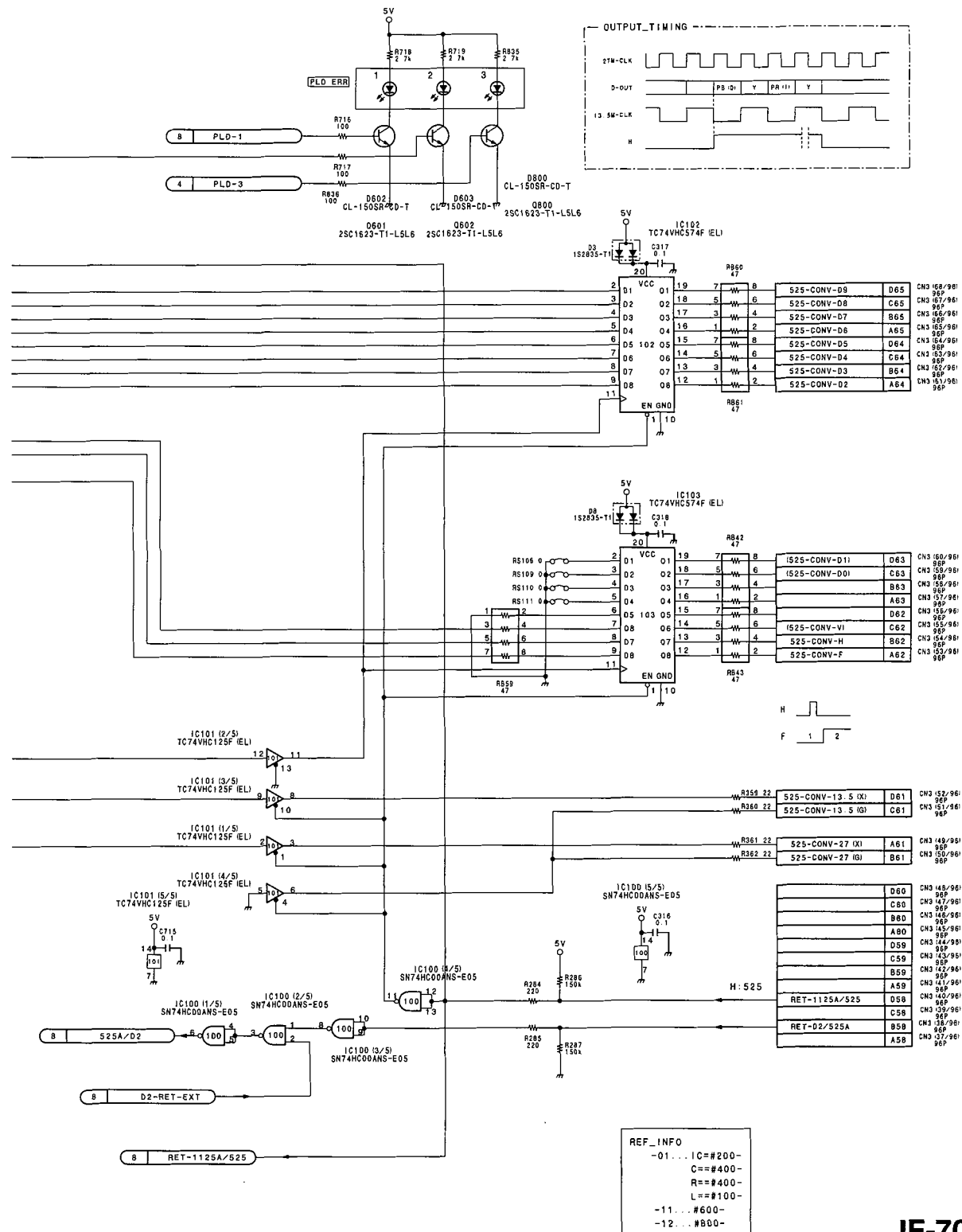
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IF-704 (9/9)

BOARD NO. 1-669-021-12
LOT NO. 710-

LOT NO. 710-

B-#HKCU701A-IF704-12@

HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher

1

CN1	
A1	GND
B1	GND
C1	GND
D1	GND
A2	GND
B2	GND
C2	GND
D2	GND

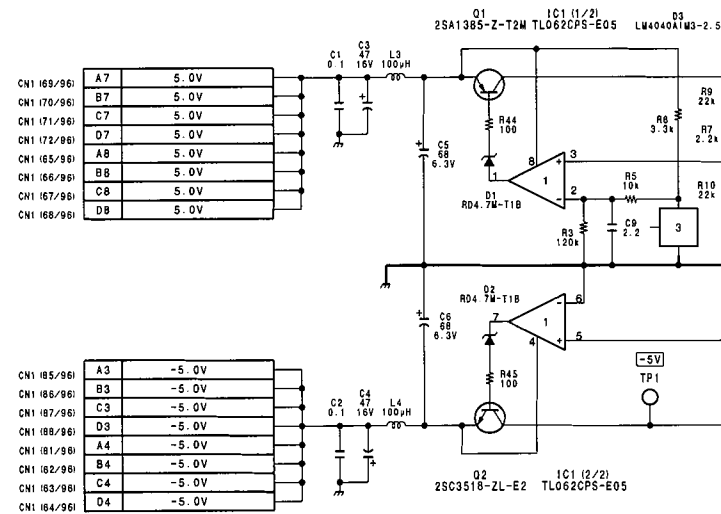
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CN1	
A13	GND
B13	GND
C13	GND
D13	GND
A14	GND
B14	GND
C14	GND
D14	GND

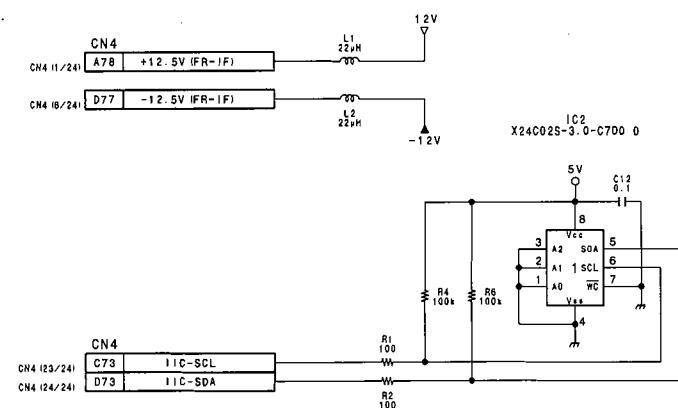
CN1	
A19	GND
B19	GND
C19	GND
D19	GND

CN2	
A43	GND
B43	GND
C43	GND
D43	GND

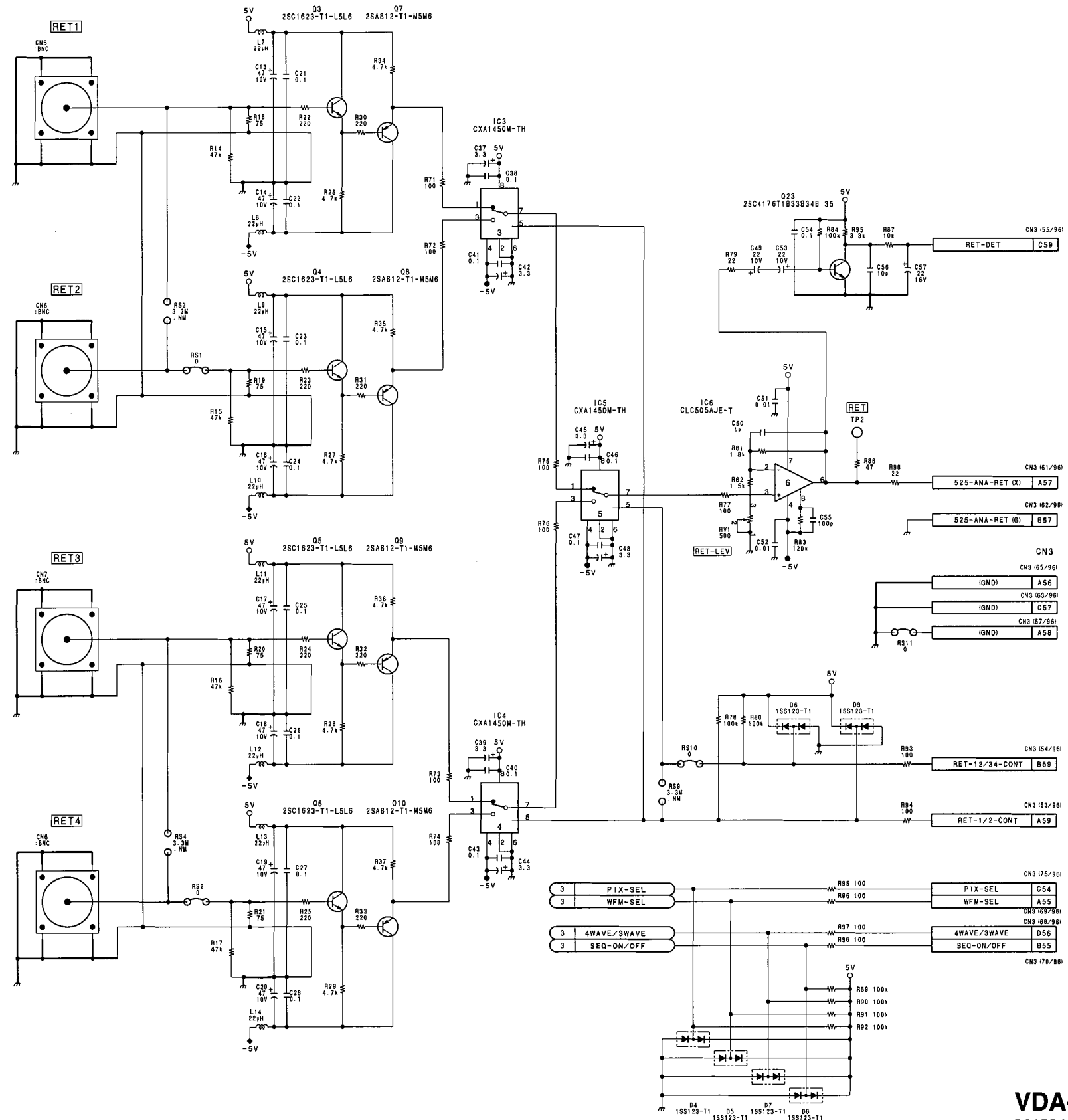
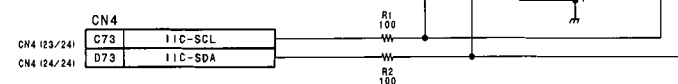
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4



5



VDA-35 (1/3)
BOARD NO. 1-660-091-12
LOT NO. 710-
B-WHKCU701-VDA35-12

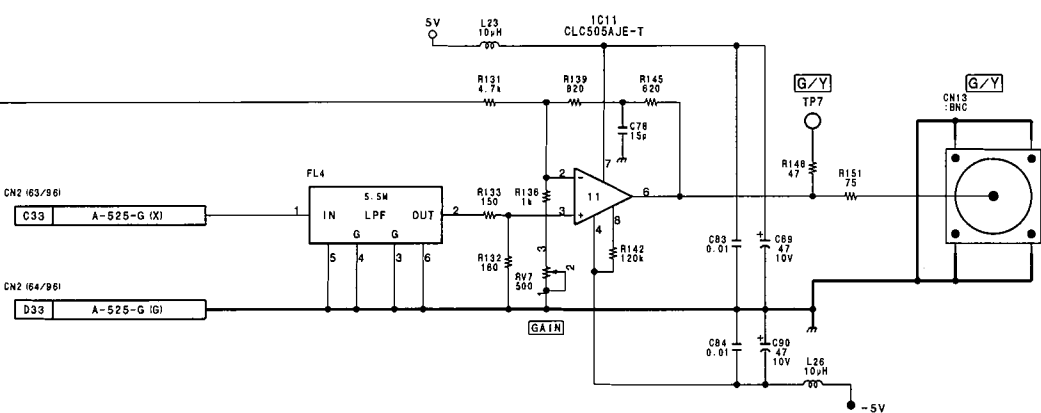
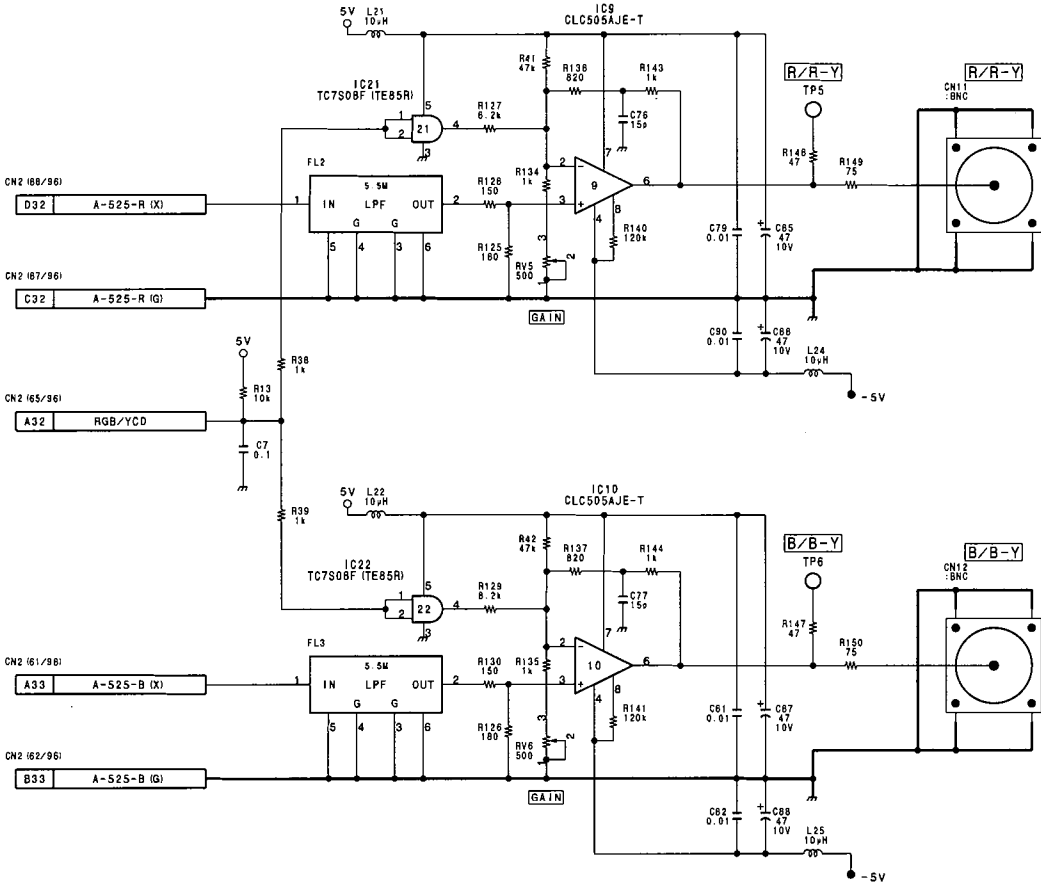
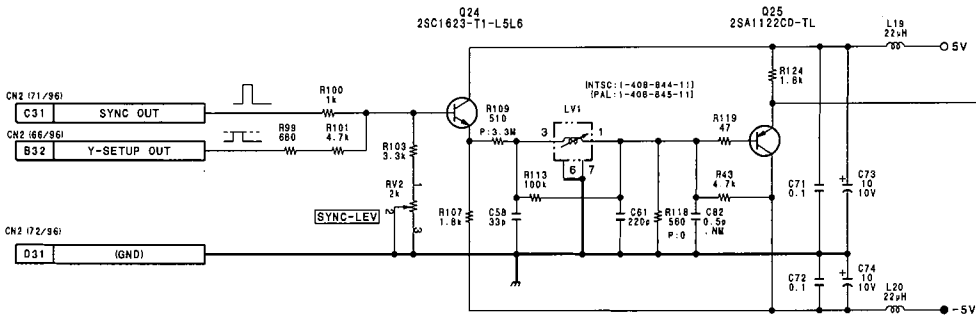
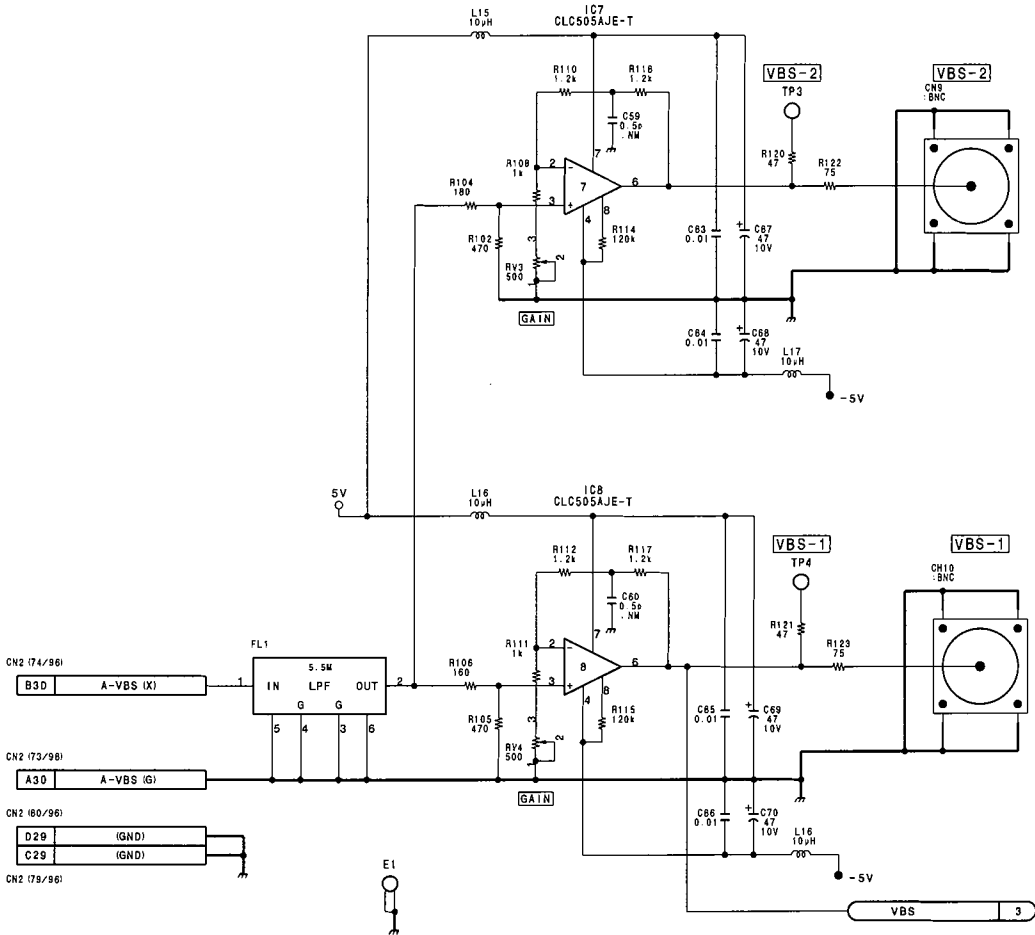
HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher

VDA-35 CN2

Pin	I/O	Destination
A30	I	IF, 2-A30
B30	I	IF, 2-B30
C30	I	IF, 2-C30
D30	I	IF, 2-D30
A31	I	IF, 2-A31
B31	I	IF, 2-B31
C31	I	IF, 2-C31
D31	I	IF, 2-D31
A32	I	IF, 2-A32
B32	I	IF, 2-B32
C32	I	IF, 2-C32
D32	I	IF, 2-D32
A33	I	IF, 2-A33
B33	I	IF, 2-B33
C33	I	IF, 2-C33
D33	I	IF, 2-D33

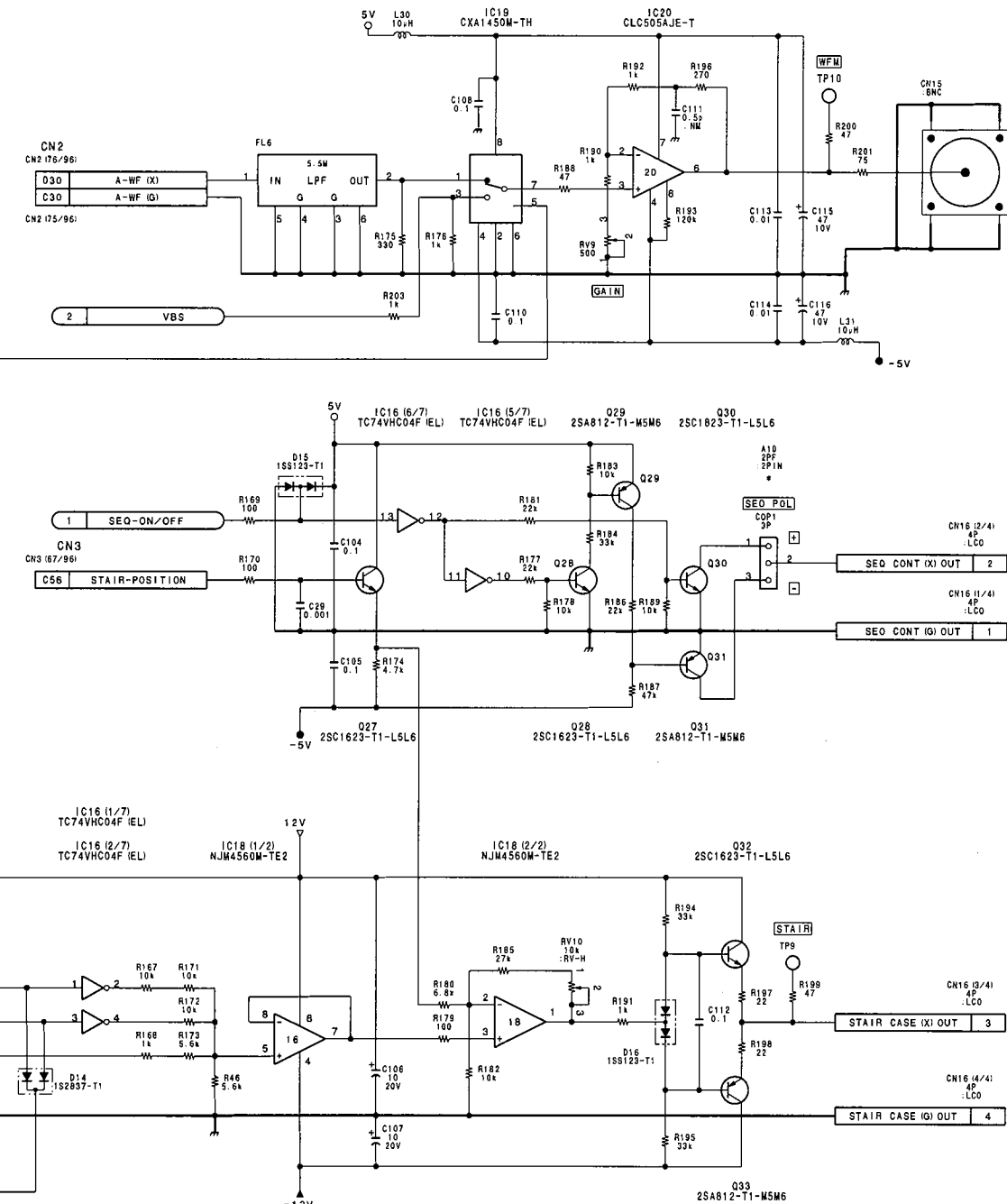
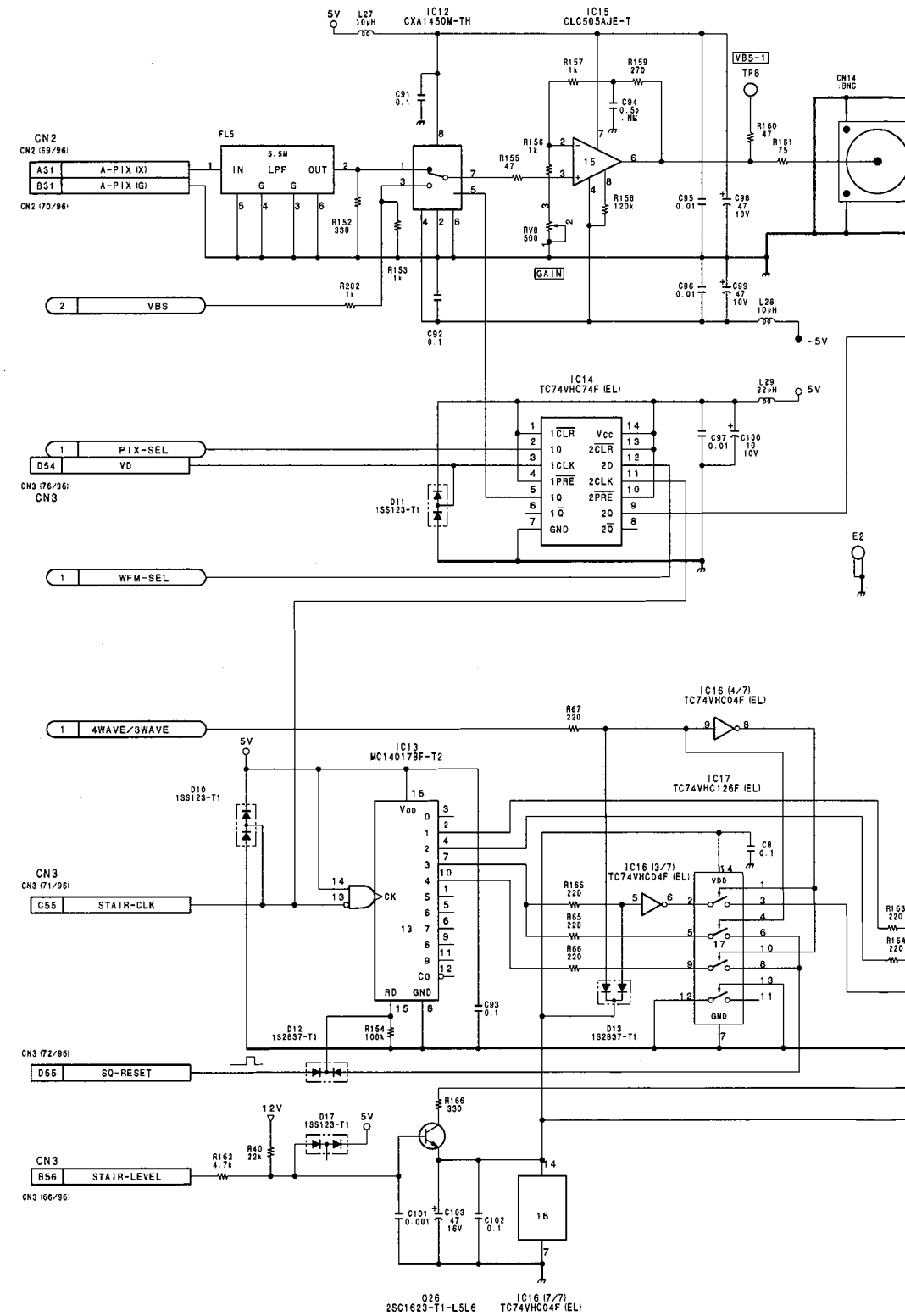
VDA-35 CN3

Pin	I/O	Destination
C54	I	IF, 3-C54
D54	I	IF, 3-D54
A55	I	IF, 3-A55
B55	I	IF, 3-B55
C55	I	IF, 3-C55
D55	I	IF, 3-D55
B56	I	IF, 3-B56
C56	I	IF, 3-C56
D56	I	IF, 3-D56
A57	O	IF, 3-A57



HKCU-701A (UC) : LOT No. 710 and higher
HKCU-701A (J) : LOT No. 710 and higher

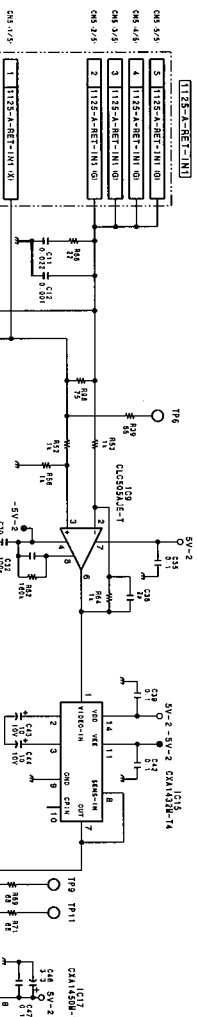
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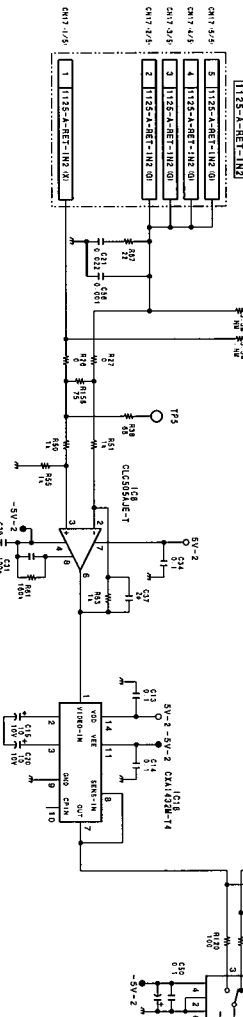
VDA-35 (3/3)
BOARD NO. 1-660-091-12
LOT NO. 710-
B-VHKCU701-VDA35-12

HKCU-702 (SV) : LOT No. 608 and higher

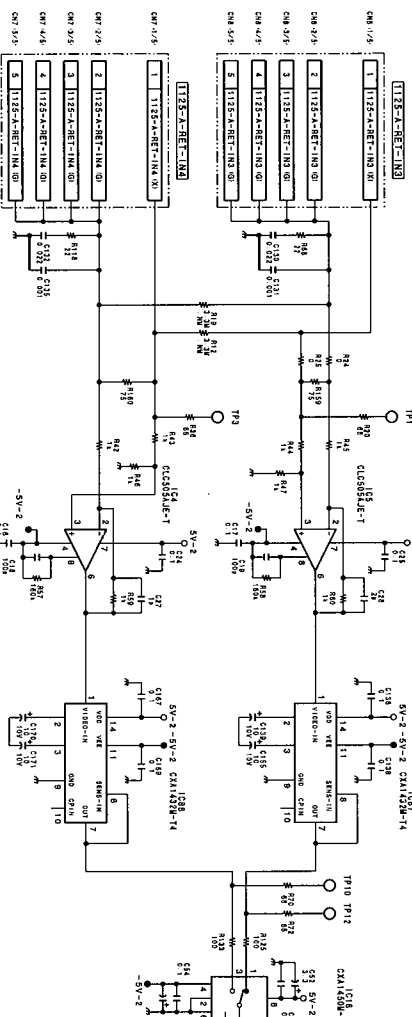
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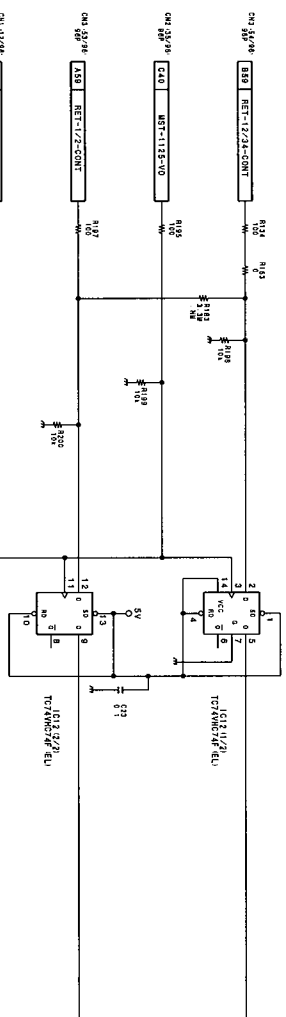
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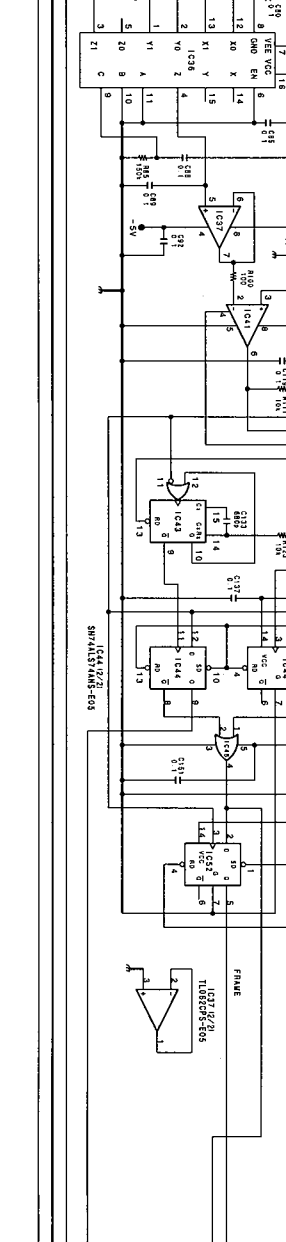
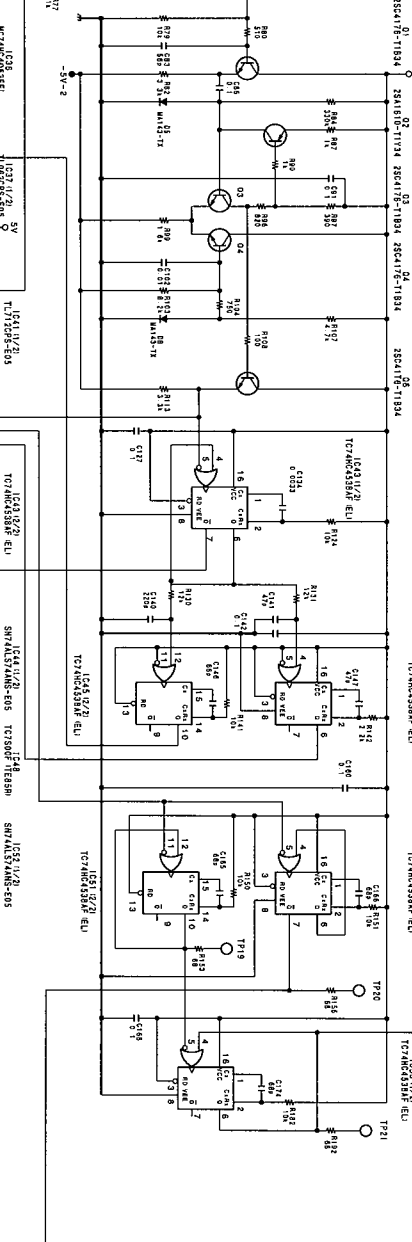
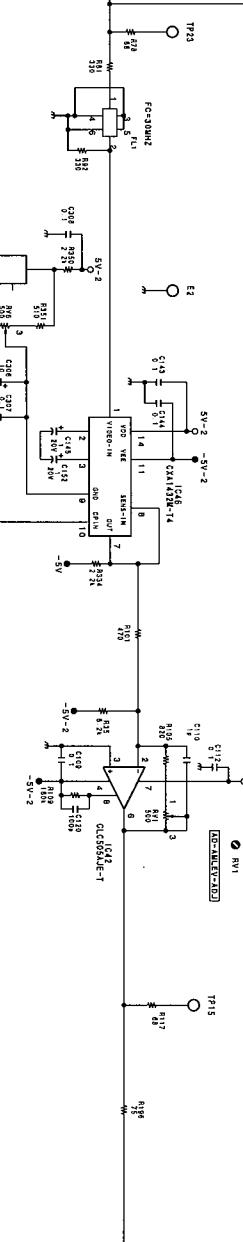
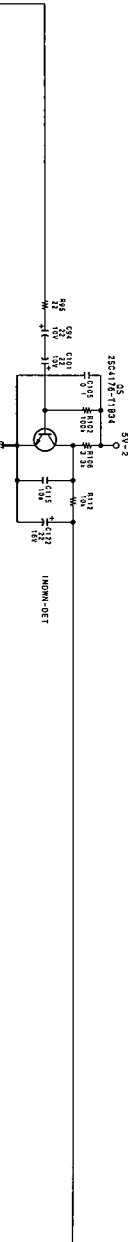
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4



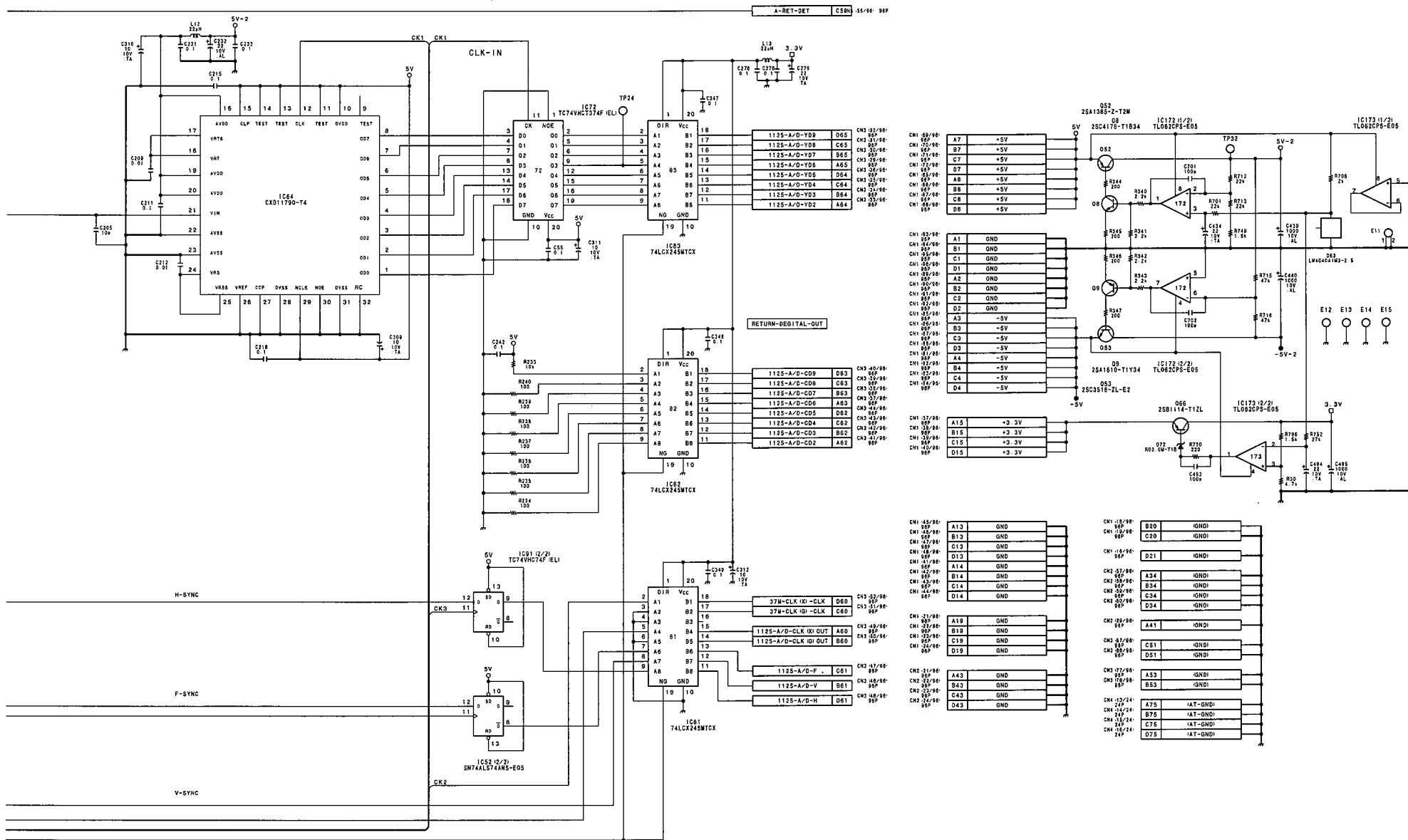
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8-76

8-76

HD0U-700A

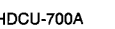


ADA-50		CN2	
Pin	I/O		Destination
A35	I	DPR,	2-A35
B35	I	DPR,	2-B35
C35	I	DPR,	2-C35
D35	I	DPR,	2-D35
A35	I	DPR,	2-A35
B35	I	DPR,	2-B35
C35	I	DPR,	2-C35
D35	I	DPR,	2-D35
A36	I	DPR,	2-A36
B36	I	DPR,	2-B36
C36	I	DPR,	2-C36
D36	I	DPR,	2-D36
A37	I	DPR,	2-A37
B37	I	DPR,	2-B37
C37	I	DPR,	2-C37
D37	I	DPR,	2-D37
A38	I	DPR,	2-A38
B38	I	DPR,	2-B38
C38	I	DPR,	2-C38
D38	I	DPR,	2-D38
A39	I	DPR,	2-A39
B39	I	DPR,	2-B39
C39	I	DPR,	2-C39
D39	I	DPR,	2-D39

ADA-50	CN2		
Pin	I/O		Destination
A59	I	AT	2-D63
B59	I	AT	2-D62
A60	O	RC	2-A60
B60	O	RC	2-B60
C60	O	RC	2-C60
D60	O	RC	2-D60
B61	O	RC	2-B61
C61	O	RC	2-C61
D61	O	RC	2-D61
A62	O	RC	2-A62
B62	O	RC	2-B62
C62	O	RC	2-C62
D62	O	RC	2-D62
A63	O	RC	2-A63
B63	O	RC	2-B63
C63	O	RC	2-C63
D63	O	RC	2-D63
A64	O	RC	2-A64
B64	O	RC	2-B64
C64	O	RC	2-C64
D64	O	RC	2-D64
A65	O	RC	2-A65
B65	O	RC	2-B65
C65	O	RC	2-C65
D65	O	RC	2-D65

ADA-50 (1/2)
BOARD NO. 1-660-089-13
LOT NO. 608-
B-WHKCU702-ADA50-13

HKCU-702 (SY) : LOT No. 608 and higher



HDCU-700A (SY) :

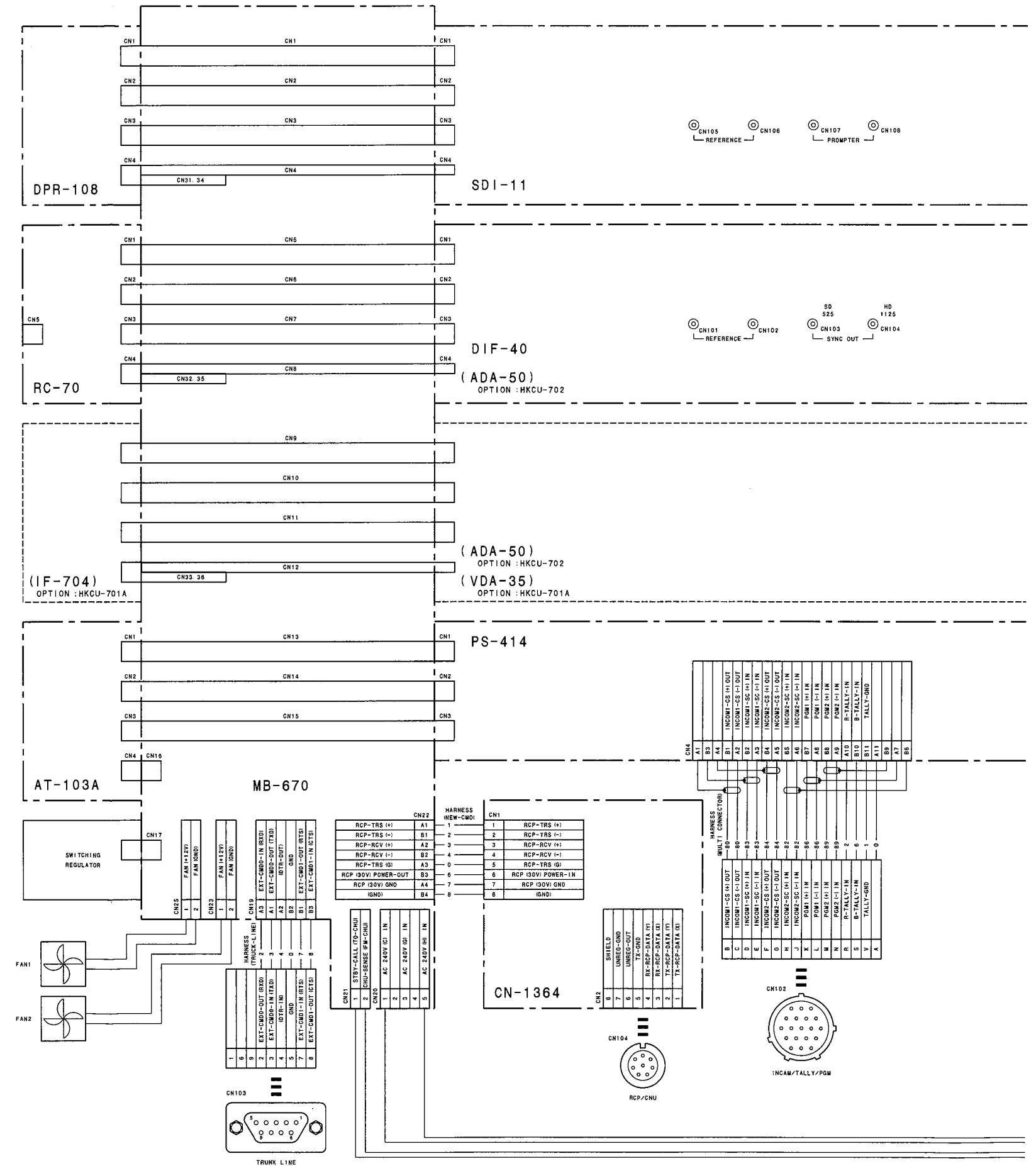
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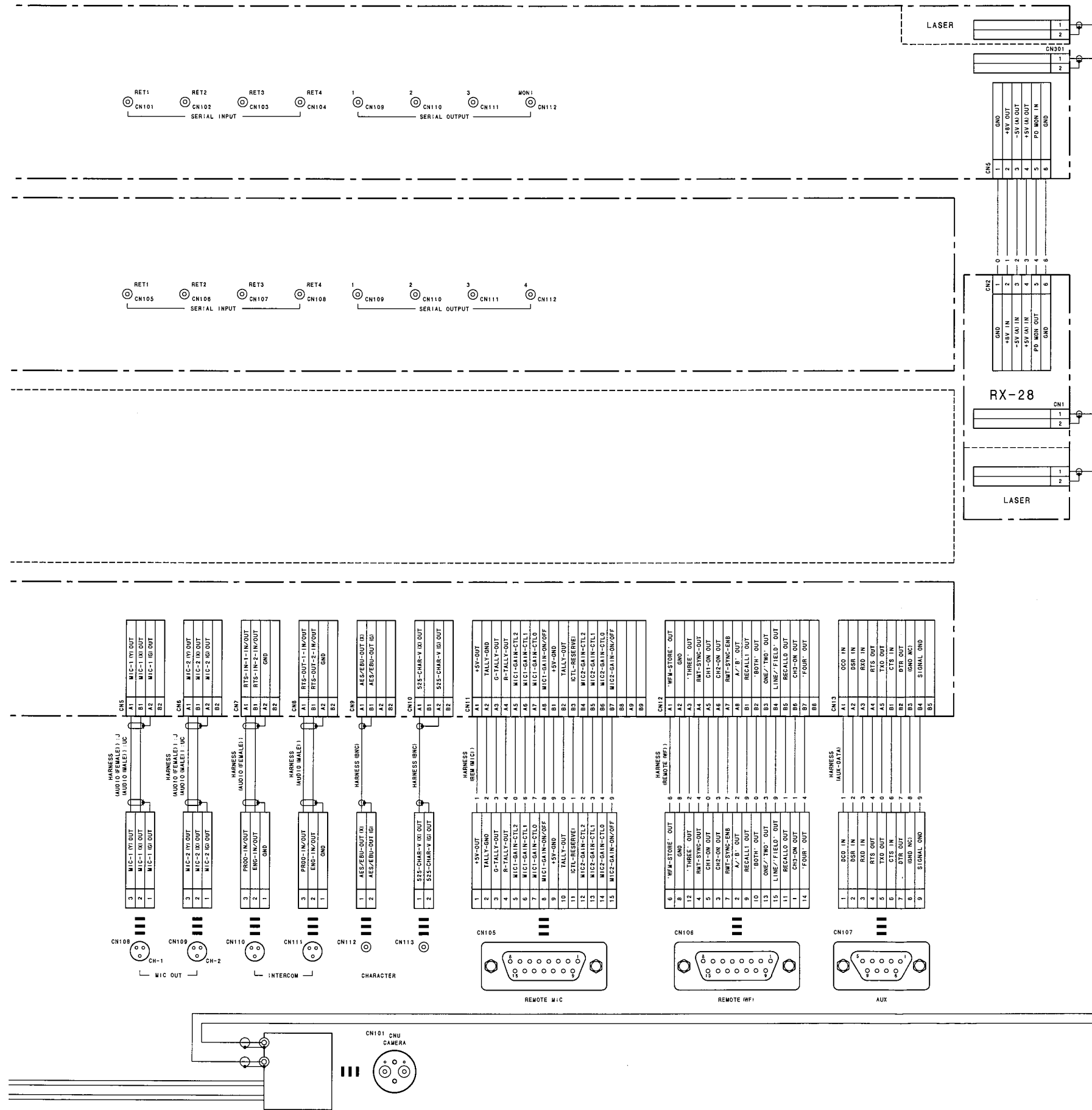
2

3

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5





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For the U.S.A. and Canada

SAFETY CHECK-OUT

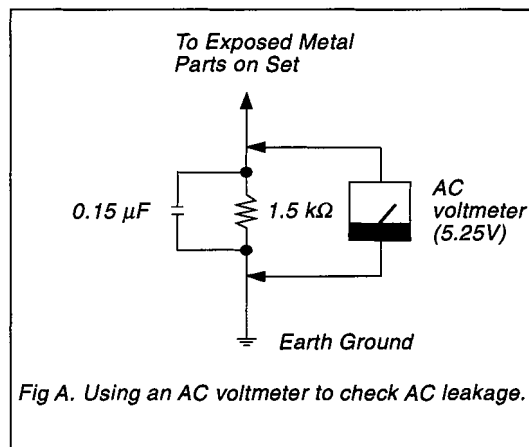
After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

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)



Note

This caution (SAFETY CHECK-OUT) is applied to HDCU-700A only.

HDCU-700A (U, J)
HKCU-701A (UC, J)
HKCU-702 (UCJ) J, E
3-194-982-02

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