

# SCPH-5500/5501/5502/5503

[PU-18 (-11/-21 • -31/-41 • -52/-62 • -72/-82)]

## SERVICE MANUAL

Japan Model  
SCPH-5500

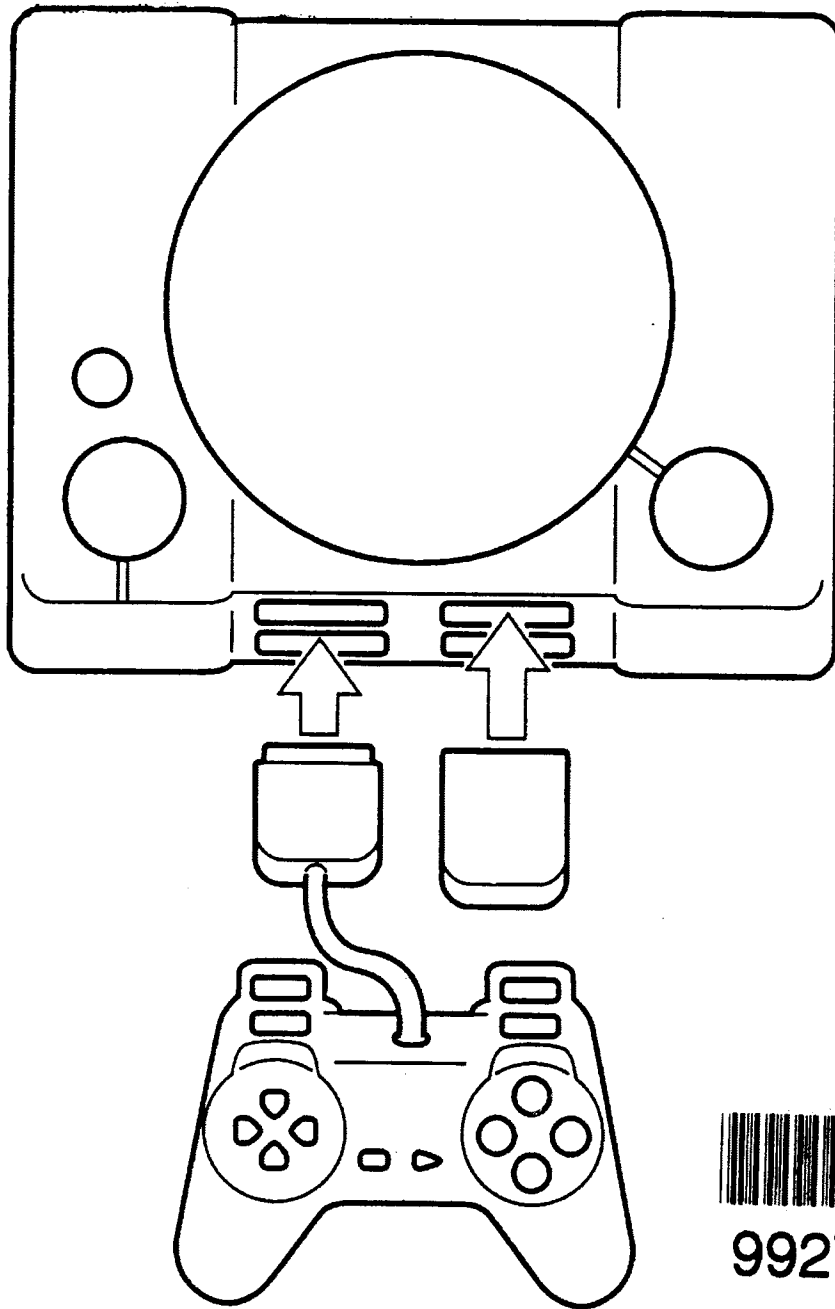
US/Canada Model  
SCPH-5501

Australia Model  
SCPH-5502A

UK Model  
SCPH-5502B

AEP Model  
SCPH-5502C

Asian Model  
SCPH-5503



992701501

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PlayStation 

## SPECIFICATIONS

### SCPH-5500

#### General

Power requirements  
100 V AC, 50/60 Hz  
Power consumption  
9W  
Dimensions  
270 × 60 × 188 mm (w/h/d)  
(10<sup>3</sup>/<sub>4</sub> × 2<sup>3</sup>/<sub>8</sub> × 7<sup>1</sup>/<sub>2</sub> inches)  
Mass  
1.4 kg

#### Laser diode properties

- Material : GaAlAs
- Wavelength : λ=780 nm
- Emission duration : Continuous
- Laser output : Less than 44.6 μW  
(measured at a distance of 200 mm  
from the lens surface on the optical  
pick-up block)

#### Inputs/outputs on the front

Controller ports (2)  
Memory card slots (2)

#### Inputs/outputs on the rear

SERIAL I/O port (1)  
External extension port (1)

#### Outputs on the rear

AV MULTI OUT output (1)

#### Supplied accessories

AC power cord (mains lead) (1)  
Controller (1)  
Instruction manual (1)  
A/V connecting cable (1)

#### Optional accessories

SCPH-1020 Memory card  
SCPH-1030 Mouse  
SCPH-1040 Link cable  
SCPH-1050 RGB cable  
SCPH-1070 Multi tap  
SCPH-1080 Controller (long cable)  
SCPH-1100 S video cable  
SCPH-1110 Analog joy stick  
SCPH-1120 RFU adaptor

Design and specifications are subject  
to change without notice.

### SCPH-5501

#### General

Power requirements  
120 V AC, 60 Hz  
Power consumption  
17W  
Dimensions  
270 × 60 × 188 mm (w/h/d)  
(10<sup>3</sup>/<sub>4</sub> × 2<sup>3</sup>/<sub>8</sub> × 7<sup>1</sup>/<sub>2</sub> inches)  
Mass  
1.5 kg (3lb 5 oz)

#### Laser diode properties

- Material : GaAlAs
- Wavelength : λ=780 nm
- Emission duration : Continuous
- Laser output : Less than 44.6 μW  
(measured at a distance of 200 mm  
from the lens surface on the optical  
pick-up block)

#### Inputs/outputs on the front

Controller ports (2)  
Memory card slots (2)

#### Inputs/outputs on the rear

SERIAL I/O port (1)  
External extension port (1)

#### Outputs on the rear

AV MULTI OUT output (1)

#### Supplied accessories

AC power cord (mains lead) (1)  
A/V connecting cable (1)  
Controller (1)  
Instruction manual (1)

#### Optional accessories

SCPH-1020 U/94048 Memory card  
SCPH-1040 U/94043 Link cable  
SCPH-1061/94046 RFU adaptor  
SCPH-1080 U/94041 Controller  
SCPH-1090 U/94047 Mouse

For additional parts, please call 1-800-  
345-SONY.

94045 Stereo A/V cable  
94044 AC power cord

Design and specifications are subject  
to change without notice.

### SCPH-5502

#### General

Power requirements  
220-240 V AC, 50 Hz  
Power consumption : 9W  
Dimensions  
270 × 60 × 188 mm (w/h/d)  
Mass  
1.4 kg

#### Laser diode properties

- Material : GaAlAs
- Wavelength : λ=780 nm
- Emission duration : Continuous
- Laser output : Less than 44.6 μW  
(measured at a distance of 200 mm  
from the lens surface on the optical  
pick-up block)

#### Inputs/outputs on the front

Controller ports (2)  
Memory card slots (2)

#### Inputs/outputs on the rear

SERIAL I/O port (1)  
External extension port (1)

#### Outputs on the rear

AV MULTI OUT output (1)

#### Supplied accessories

AC power cord (mains lead) (1)  
A/V connecting cable (1)  
(except for the United Kingdom)  
Controller (1)  
Euro-AV connector plug (1)  
(except for the United Kingdom)  
RFU adaptor (1)  
(only for the United Kingdom)  
Instruction manual (1)

#### Optional accessories

SCPH-1020 E Memory card  
SCPH-1040 E Link cable  
SCPH-1052 Euro-AV cable  
SCPH-1070 E Multi tap  
SCPH-1080 E Controller  
SCPH-1090 E Mouse  
SCPH-1110 E Analog joy stick  
SCPH-1122 RFU adaptor

Design and specifications are subject  
to change without notice.

### SCPH-5503

#### General

Power requirements  
110-240 V AC, 50/60 Hz  
Power consumption  
11W  
Dimensions  
270 × 60 × 188 mm (w/h/d)  
(10<sup>3</sup>/<sub>4</sub> × 2<sup>3</sup>/<sub>8</sub> × 7<sup>1</sup>/<sub>2</sub> inches)  
Mass  
1.4 kg

#### Laser diode properties

- Material : GaAlAs
- Wavelength : λ=780 nm
- Emission duration : Continuous
- Laser output : Less than 44.6 μW  
(measured at a distance of 200 mm  
from the lens surface on the optical  
pick-up block)

#### Inputs/outputs on the front

Controller ports (2)

#### Inputs/outputs on the rear

SERIAL I/O port (1)  
External extension port (1)

#### Outputs on the rear

AV MULTI OUT output (1)

#### Supplied accessories

AC power cord (mains lead) (1)  
Controller (1)  
Instruction manual (1)

#### Optional accessories

SCPH-1020 Memory card  
SCPH-1040 Link cable  
SCPH-1080 Controller (long cable)  
SCPH-1100 S video cable

Design and specifications are subject  
to change without notice.

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### • List of the PC Board Used for the Models

Model Name \ Suffix Number for Board	PU-18 (-11/-21)	PU-18 (-31/-41)	PU-18 (-52/-62)	PU-18 (-72/-82)
SCPH-5500	○	○	○	○
SCPH-5501			○	○
SCPH-5502			○	○
SCPH-5503			○	○

## SECTION 1 ELECTRICAL ADJUSTMENTS

### CD Drive Section Adjustment

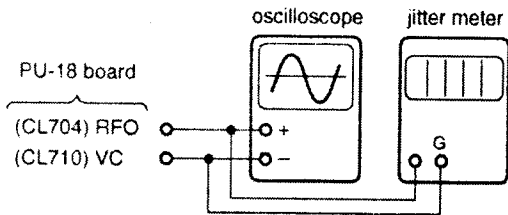
#### Note on Adjustment

- The adjustments should be performed in the order given in this Service Manual.
- Use the disc (SCD-2700) only when so indicated.
- Use the oscilloscope with more than 10MΩ impedance.

#### 1-1. Focus Bias Check (PU-18 board)

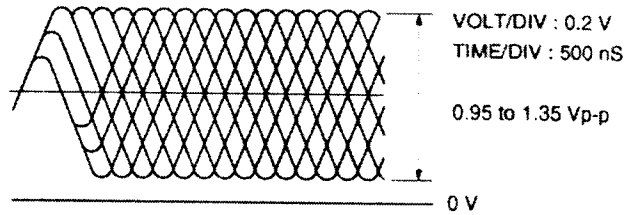
This Check is to be done when the optical pick-up block is replaced.

##### Procedure :



1. Connect the oscilloscope and jitter meter between RFDC and VC on the PU-18 board.
2. Insert disc (SCD-2700) and turn on the power.
3. Playback disc. (Push the ▶START button on the controller.)
4. With the jitter meter, confirm that the jitter value is 9.3msec or less.
5. Confirm that the RF signal level is within the range of 0.95 to 1.35Vp-p.

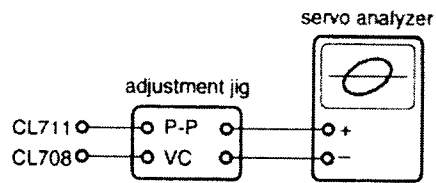
#### • RF signal waveform (eye pattern)



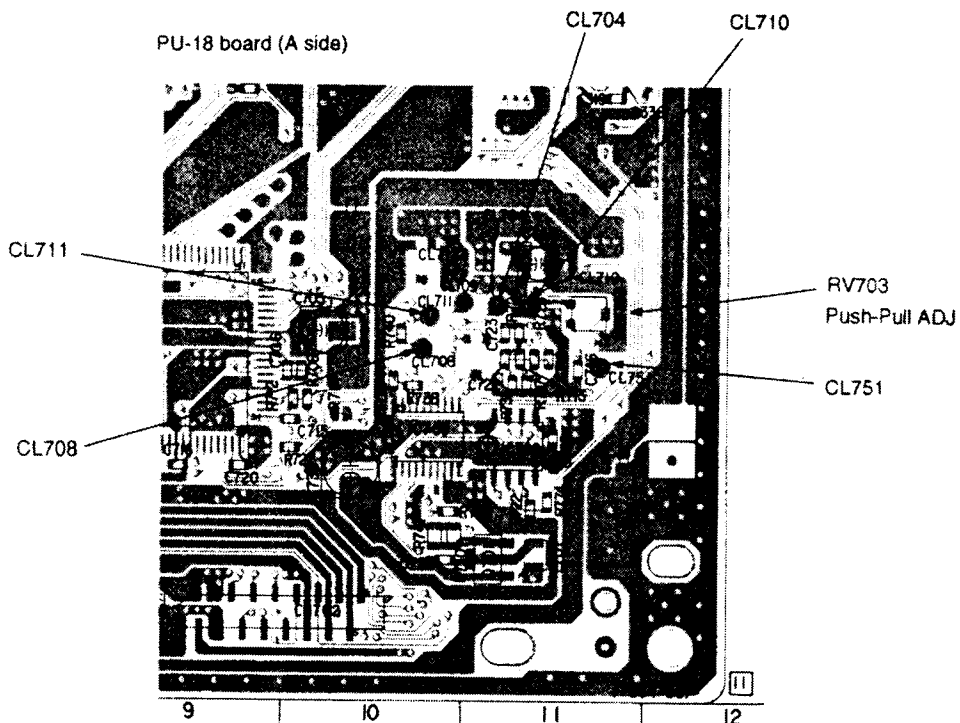
When observing the eye pattern, set the oscilloscope for AC range and raise vertical sensitivity.

#### 1-2. Focus Gain Check (PU-18 board)

##### Procedure :



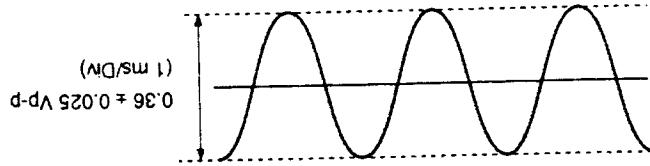
1. Connect the adjustment jig and servo analyzer between CL711 and CL708 on the PU-18 board.
2. Insert disc (SCD-2700) and turn on the power.
3. Playback disc. (Push the ▶START button on the controller.)
4. With the servo analyzer, confirm that the focus gain is  $0 \pm 2.5 \text{ dB/1 kHz}$ .



Ref. No.	Part No.	Description	Remark	Part No.	Description	Remark
IC202	8-759-440-92	TDA8771AH		8-759-478-55	MCI141685FT	
C237	1-216-864-11	0 Ω		1-164-156-11	0.1 μF B	
R201	1-216-831-11	6.8 kΩ		1-216-819-91	680 Ω	
R503,504,505	1-216-039-00	390 Ω		1-216-029-00	150 Ω	
R541,542,543	1-216-045-00	680 Ω (2012)		1-216-295-91	0 Ω (2012)	

This parts should be used in same group as follows.

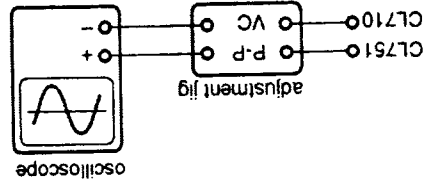
#### 1-4. Notice For Parts Replacement



Reference waveform for push-pull signal.

**Note :** Be sure to use the specified disc for this adjustment.

1. Connect the adjustment jig to the PU-18 board. (CL710 and CL751)
2. Set the specified disc (SCD-2700) and turn the power on.
3. Playback the disc in normal mode and turn only TRK servo off.
4. A sinusoidal wave is observed on the oscilloscope. Turn RV703 and adjust so that its peak-to-peak voltage is  $0.36 \pm 0.025$  Vp-p.

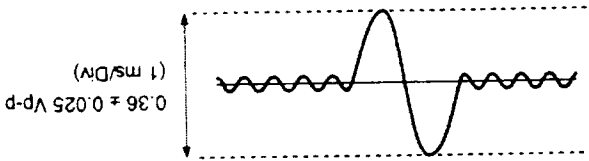


#### 1-3. Push-Pull Adjustment (PU-18 board)

Procedure :

#### Simple adjustment

1. In the above item 3, set the pose mode in place of turning TRK servo off.
2. The following waveform is observed on the oscilloscope. Turn RV703 and adjust so that its peak-to-peak voltage is  $0.36 \pm 0.025$  Vp-p.

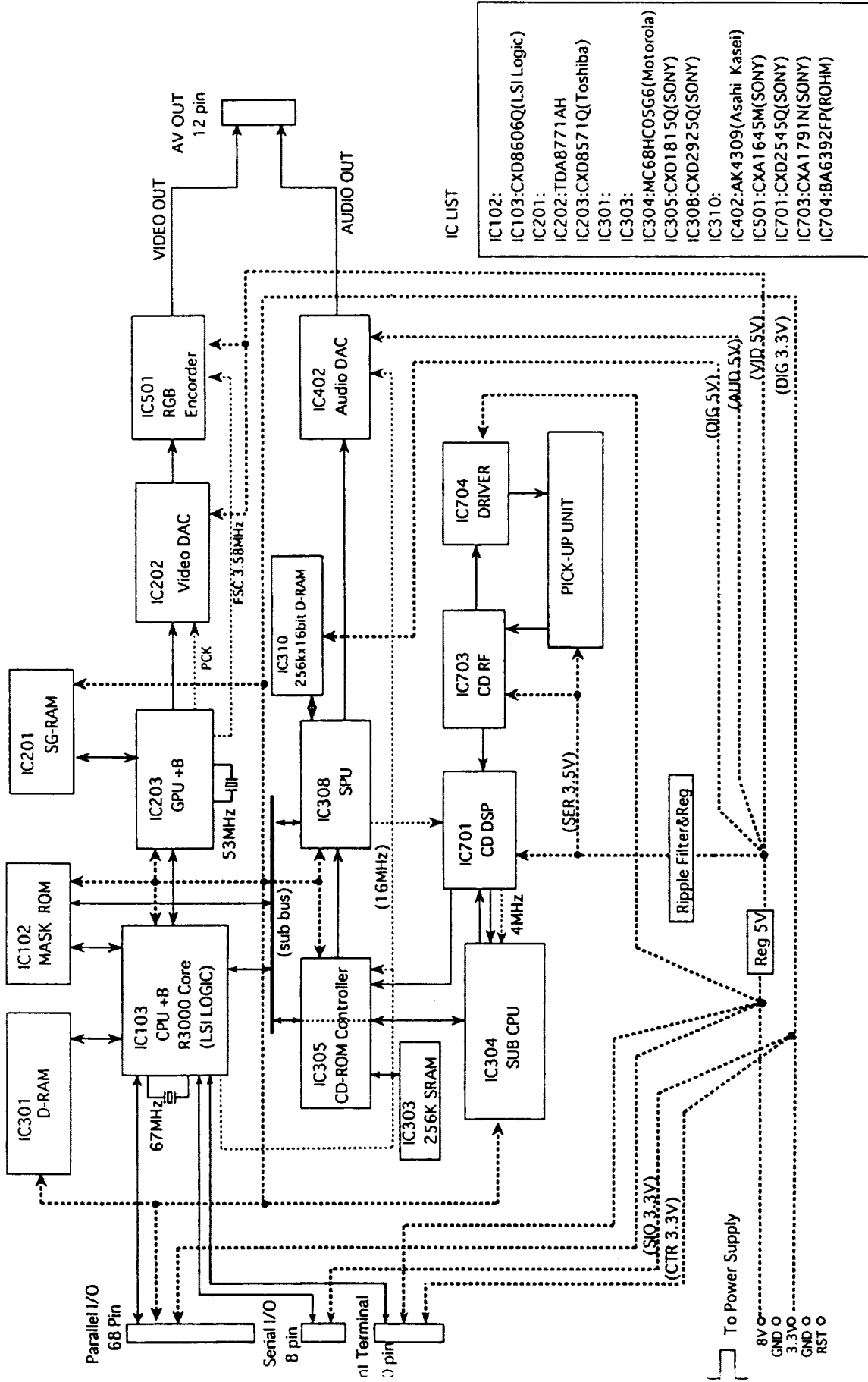


#### CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

SECTION 2  
BLOCK DIAGRAM

2-1. SCPH-5500 SERIES BLOCK DIAGRAM



IC LIST

- IC102:
- IC103: CXD8606Q (LSI Logic)
- IC201:
- IC202: TDAB771AH
- IC203: CXD8571Q (Toshiba)
- IC301:
- IC303:
- IC304: MC68HC05G6 (Motorola)
- IC305: CXD1815Q (SONY)
- IC308: CXD2925Q (SONY)
- IC310:
- IC402: AK4309 (Asahi Kasei)
- IC501: CXA1645M (SONY)
- IC701: CXD2545Q (SONY)
- IC703: CXA1791N (SONY)
- IC704: BA6392FP (ROHM)

### SECTION 3 DIAGRAMS

#### THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.

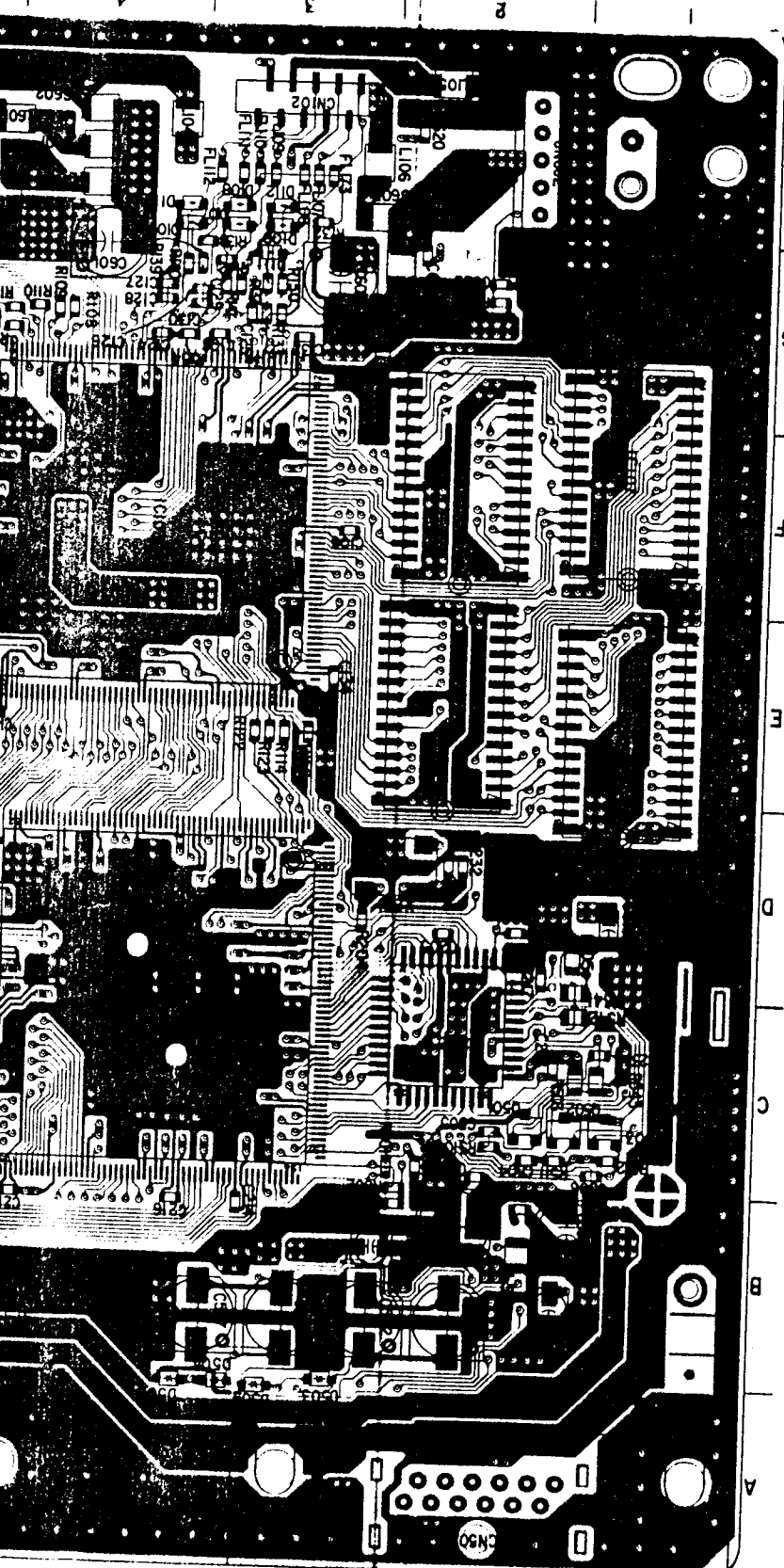
- Note on Printed Wiring Boards :  
 • Through hole is omitted.  
 • Pattern on the side which is seen.

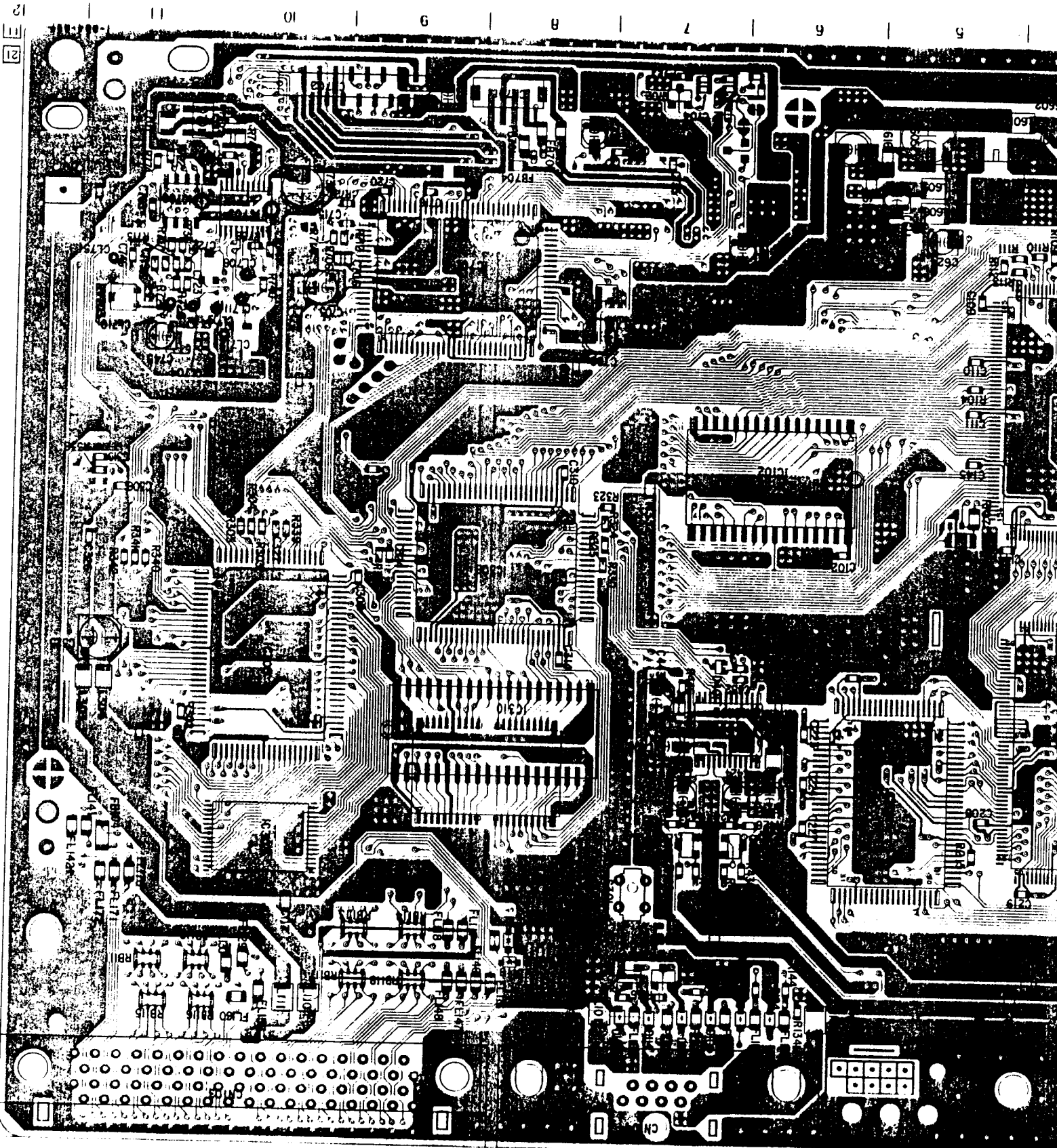
#### Note on Schematic Diagram :

- Caution when replacing chip parts.  
 New parts must be attached after removal of chip.  
 Be careful not to heat the minus side of tantalum capacitor, because it is damaged by the heat.
- All capacitors are in  $\mu\text{F}$  unless otherwise noted.  $\text{pF}$  :  $\mu\text{pF}$  50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and  $1/4$  W or less unless otherwise specified.
- Chip resistor are  $1/8$  W or  $1/10$  W unless otherwise noted.  
 $\text{k}\Omega$  :  $1000 \Omega$ ,  $\text{M}\Omega$  :  $1000 \text{k}\Omega$ .

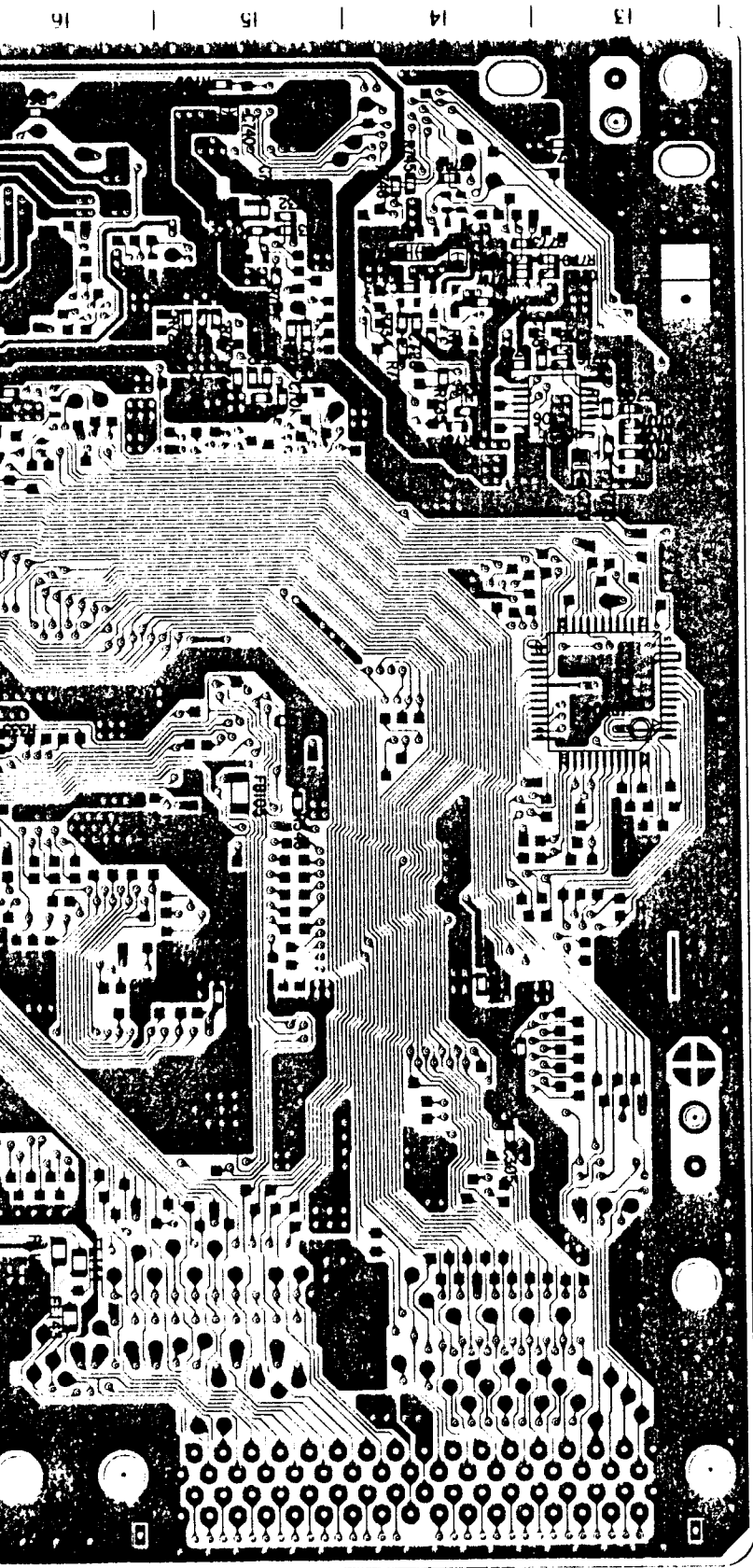
Note :  
 The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.  
 Les composants identifiés par une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

3-1. PRINTED WIRING BOARD (PU-18 (-11/-21) BOARD)  
 PU-18 BOARD (SIDE A)

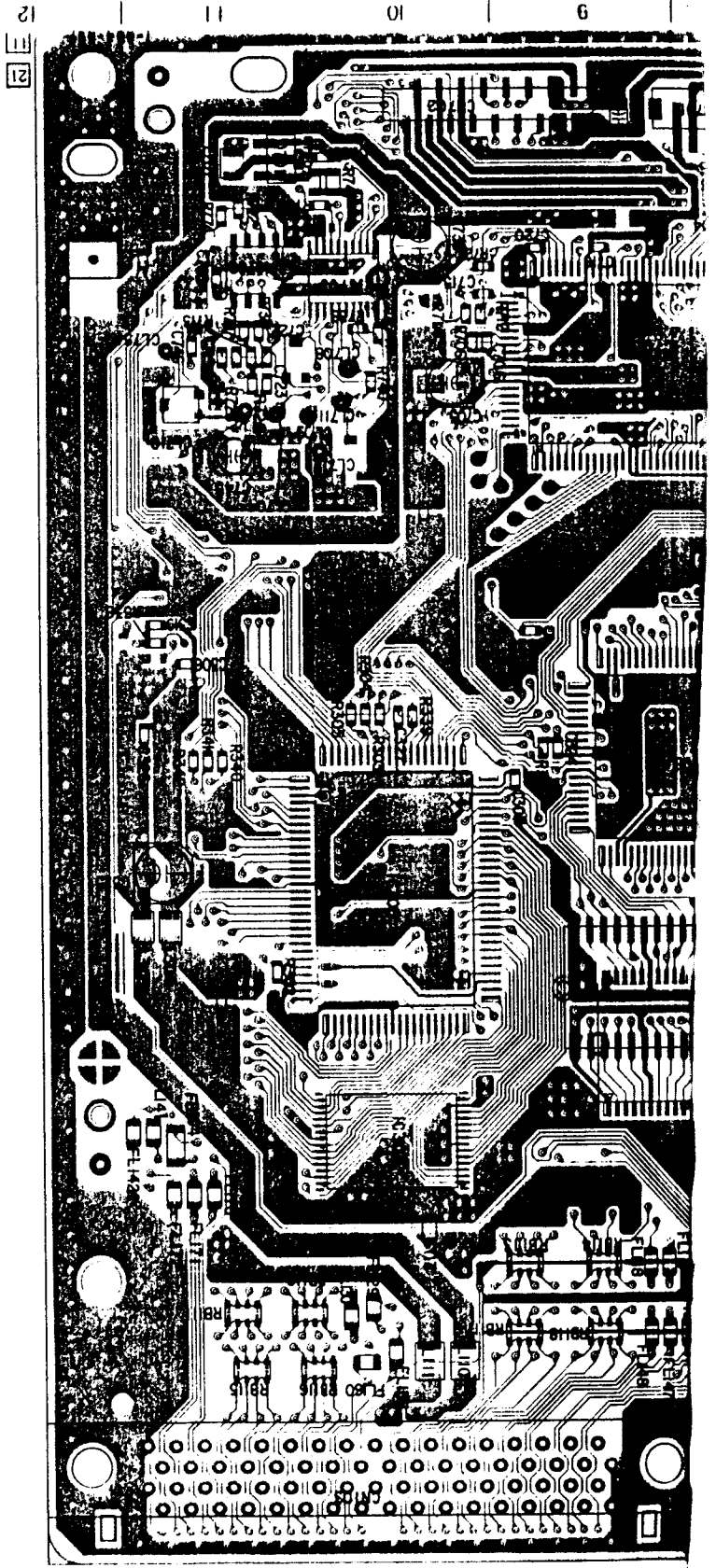




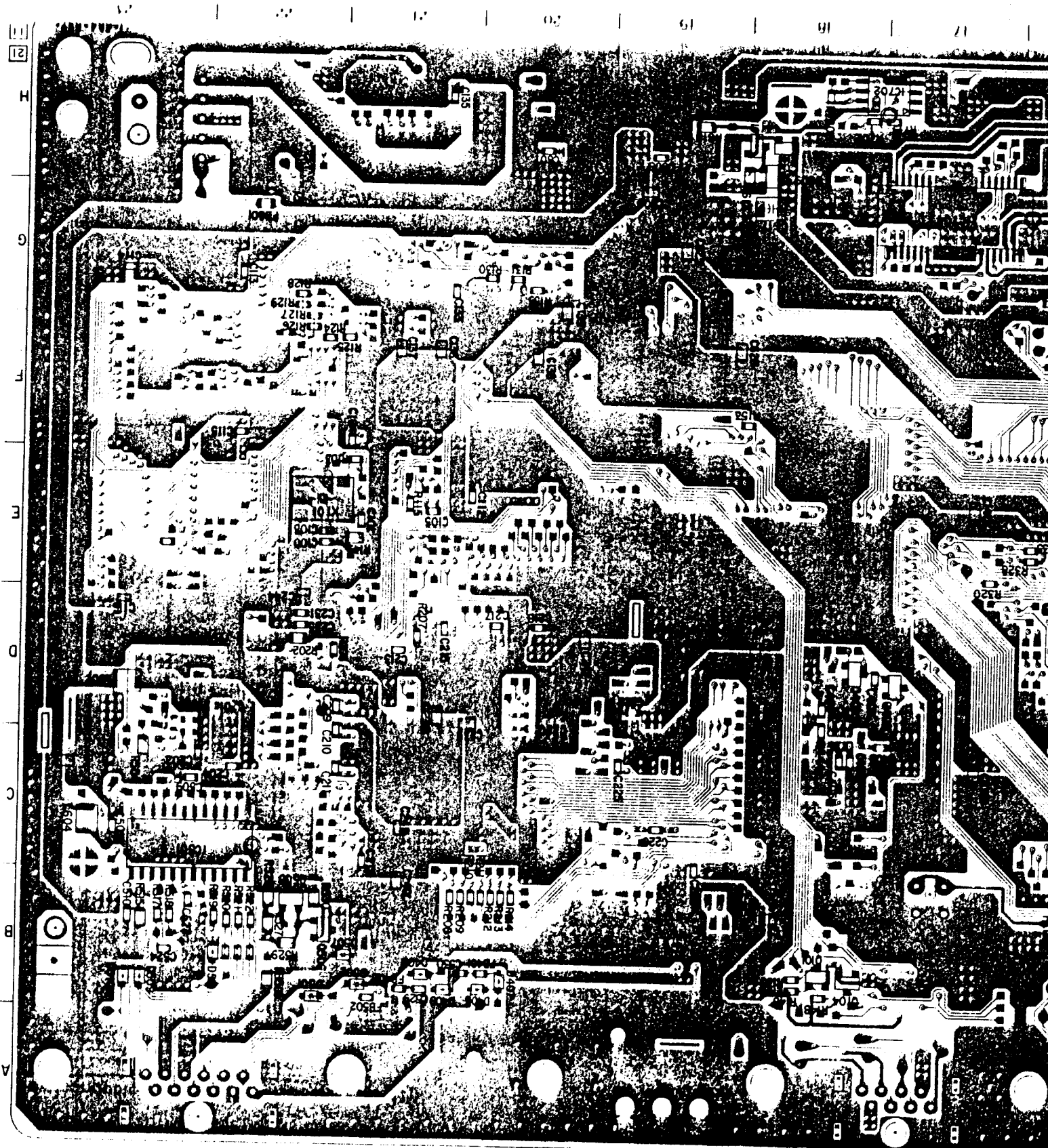




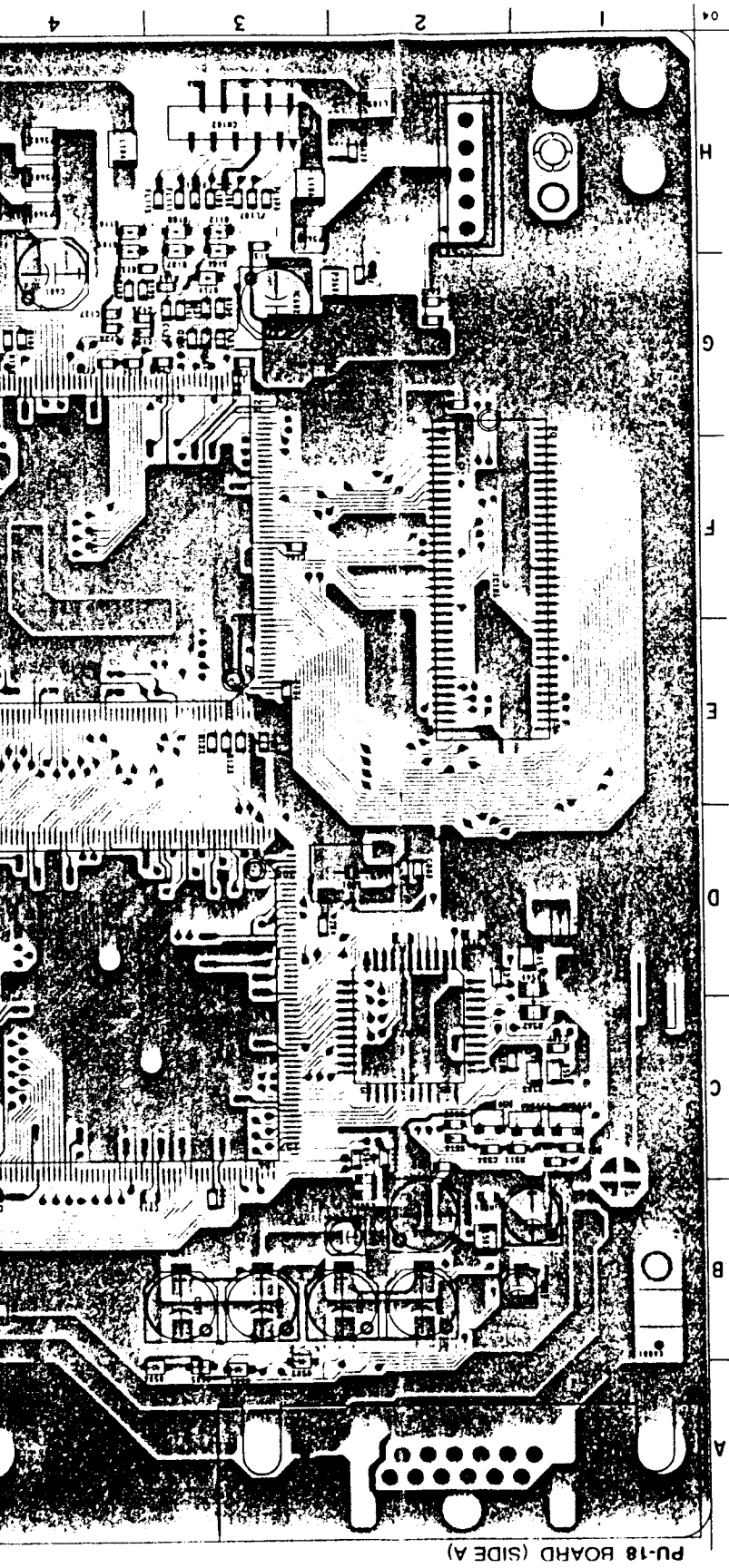
PU-18 BOARD (SIDE B)



12  
11  
10  
9



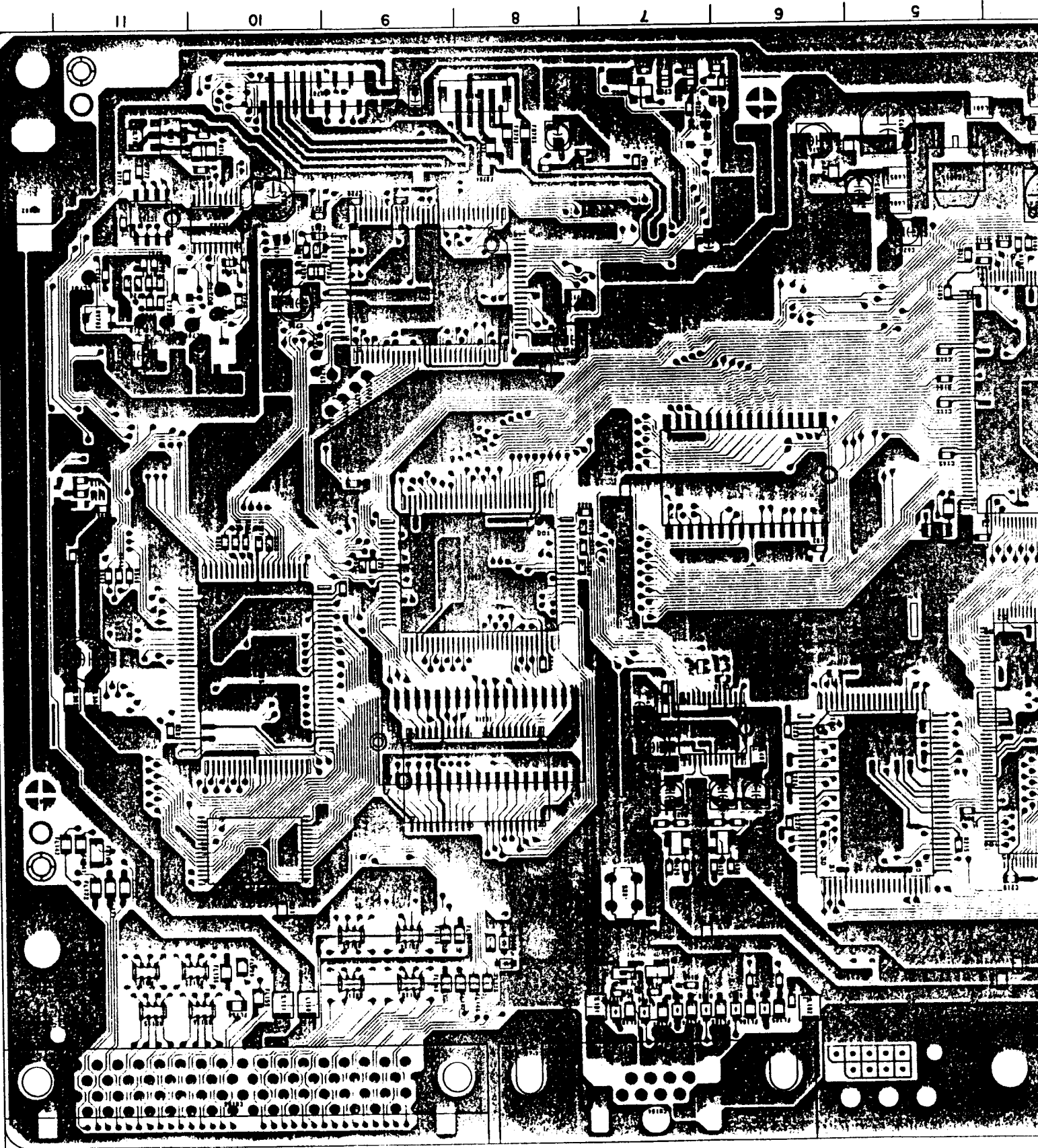
3-2. PRINTED WIRING BOARD (PU-18 (-31/-41) BOARD)

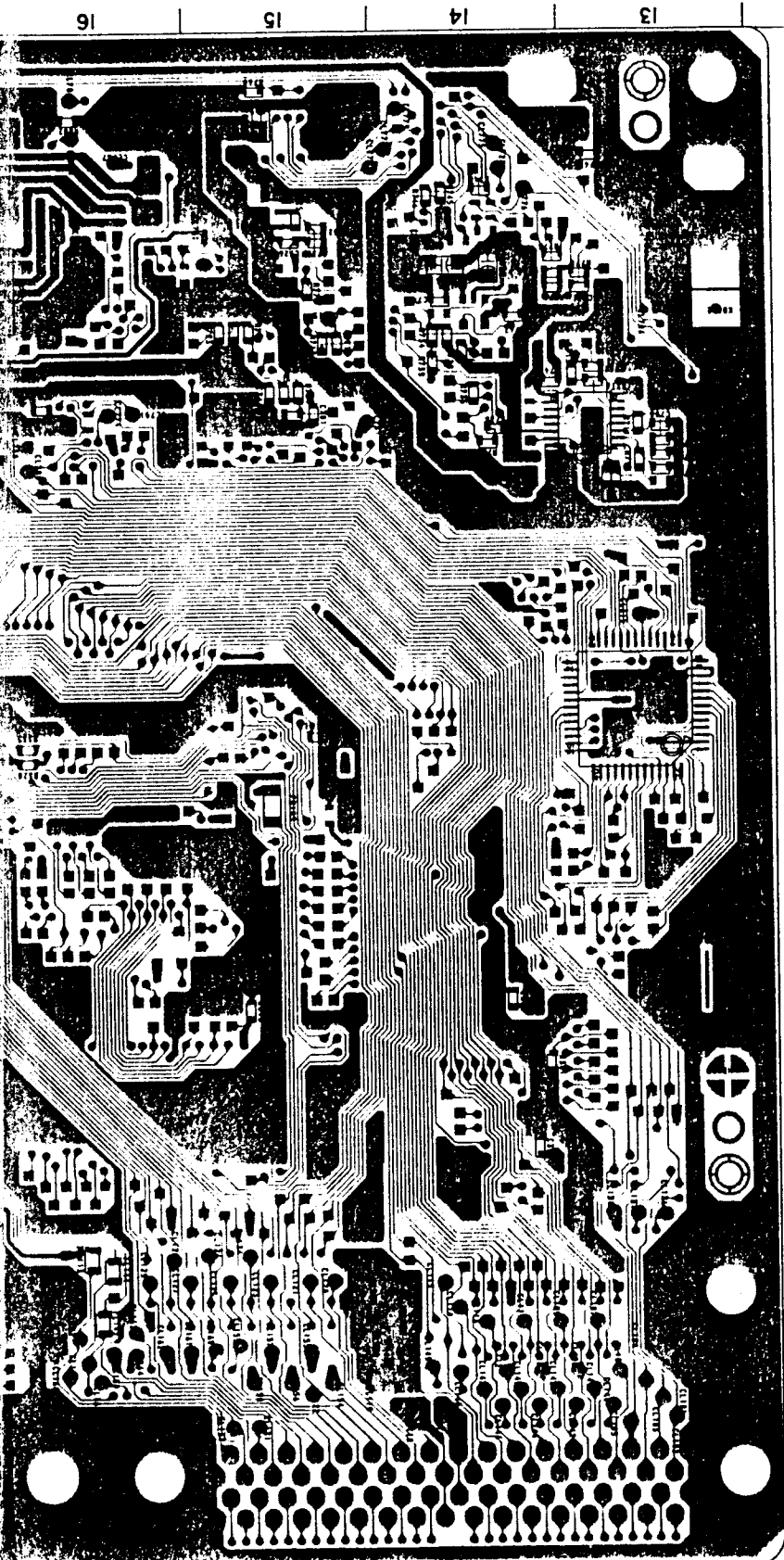


• Semiconductor Location (PU-18 board(-31/-41))

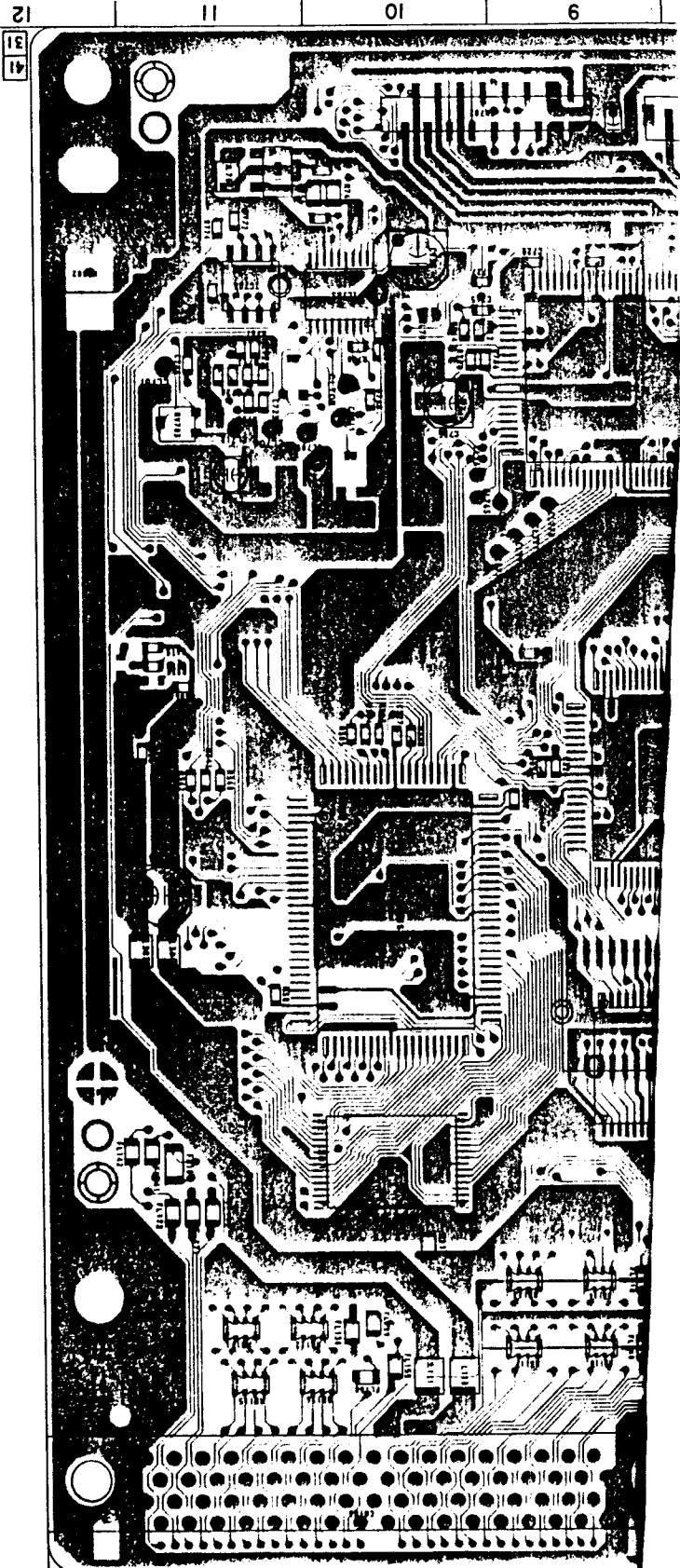
Ref. No.	Location	Ref. No.	Location
D101	B-7	IC202	C-2
D102	A-7	IC203	C-4
D103	B-7	IC303	C-10
D104	B-6	IC304	E-13
D105	B-6	IC305	D-10
D106	H-3	IC308	E-8
D107	H-3	IC310	C-8
D108	H-3	IC402	D-7
D109	G-4	IC501	C-23
D110	G-4	IC601	H-5
D111	G-3	IC701	G-9
D112	H-3	IC702	H-18
D114	B-7	IC703	G-10
D118	B-8	IC704	G-17
D119	B-8	IC706	G-13
D401	D-7	IC708	G-11
D406	B-20	Q101	B-18
D407	B-20	Q102	B-7
D408	B-21	Q103	B-7
D409	B-20	Q104	B-18
D501	B-22	Q401	D-18
D502	B-21	Q402	D-17
D503	B-3	Q403	C-7
D504	B-3	Q404	C-6
D505	B-3	Q501	C-2
D506	B-3	Q502	C-1
D507	B-21	Q503	B-22
D509	B-23	Q505	B-21
D510	B-23	Q506	H-18
D511	B-22	Q609	H-18
IC102	E-6	Q610	H-18
IC103	F-4	Q611	H-18
IC106	F-2	Q701	H-11
IC201	C-5	Q702	H-7

12  
41  
31





PU-18 BOARD (SIDE B)



12  
31  
41

11

10

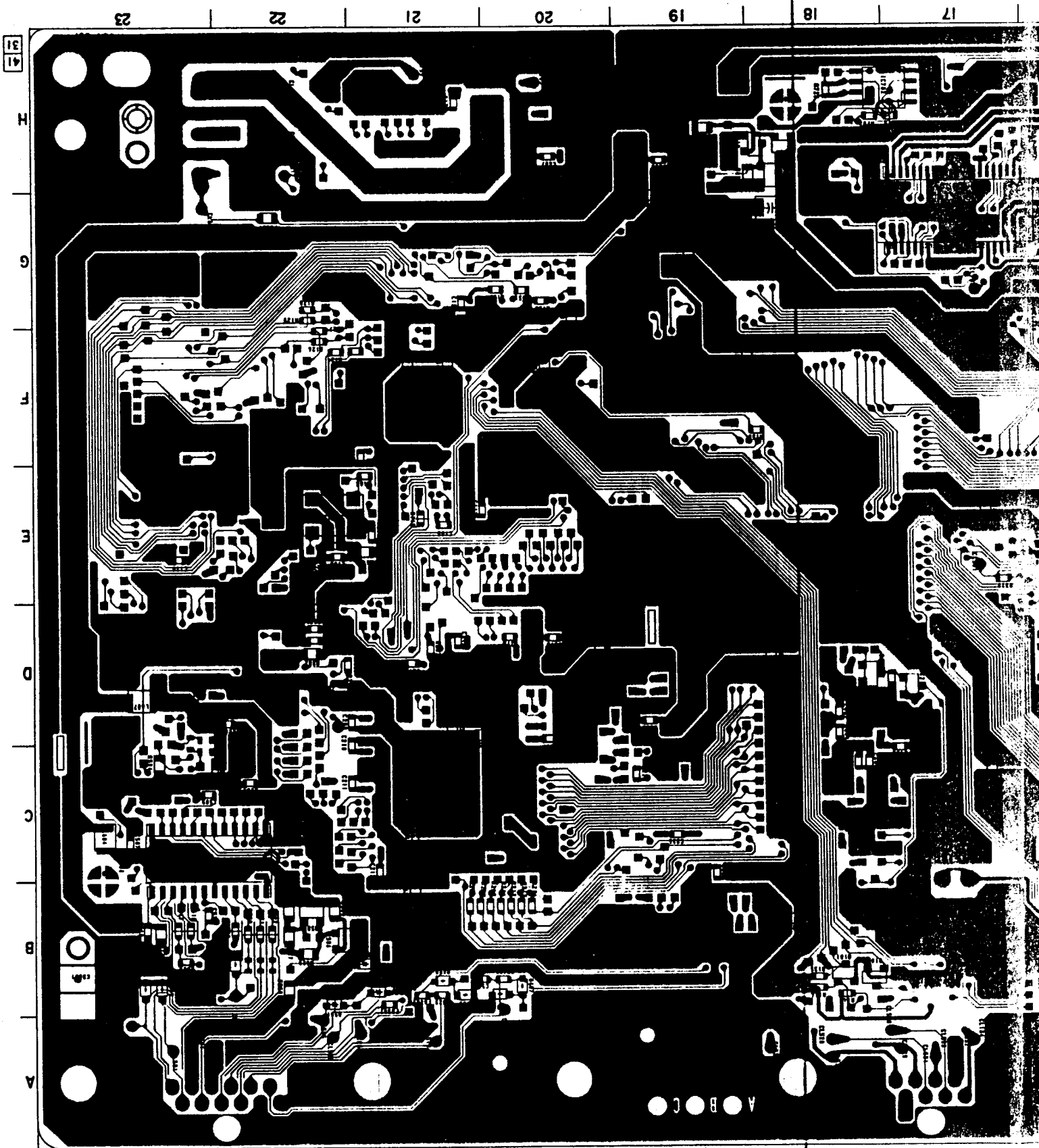
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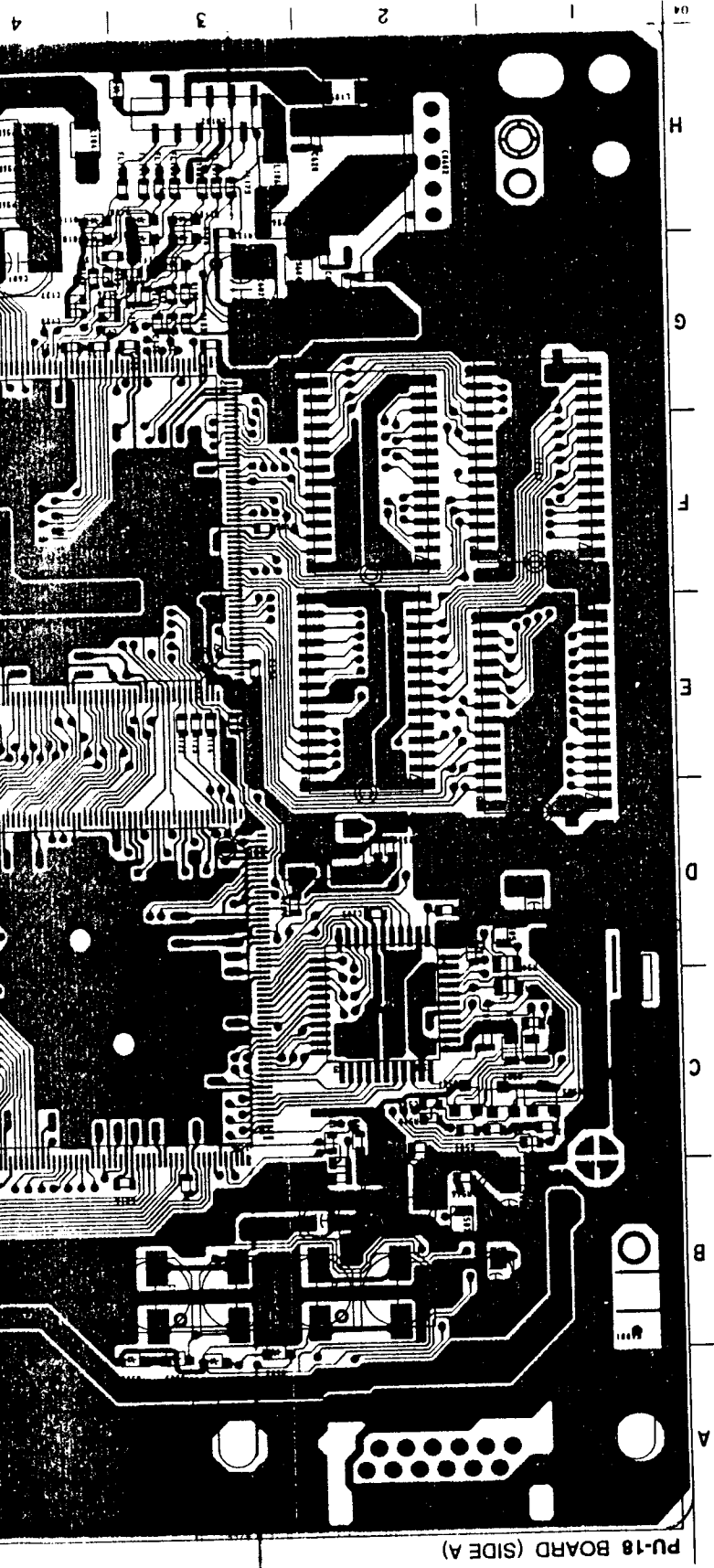
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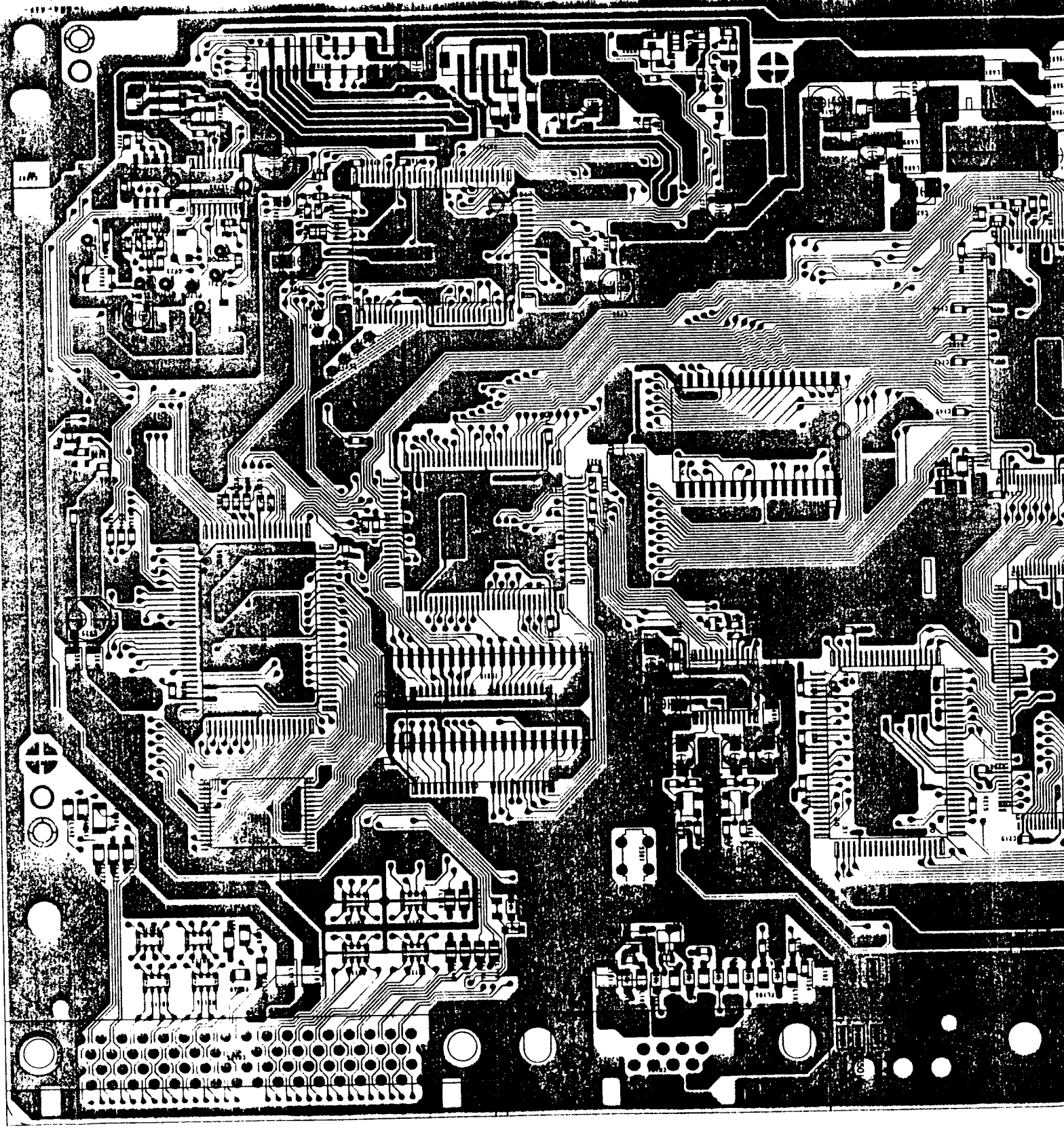
3-3. PRINTED WIRING BOARD (PU-18 (-52/-62) BOARD)



• Semiconductor Location (PU-18 board(-52/-62))

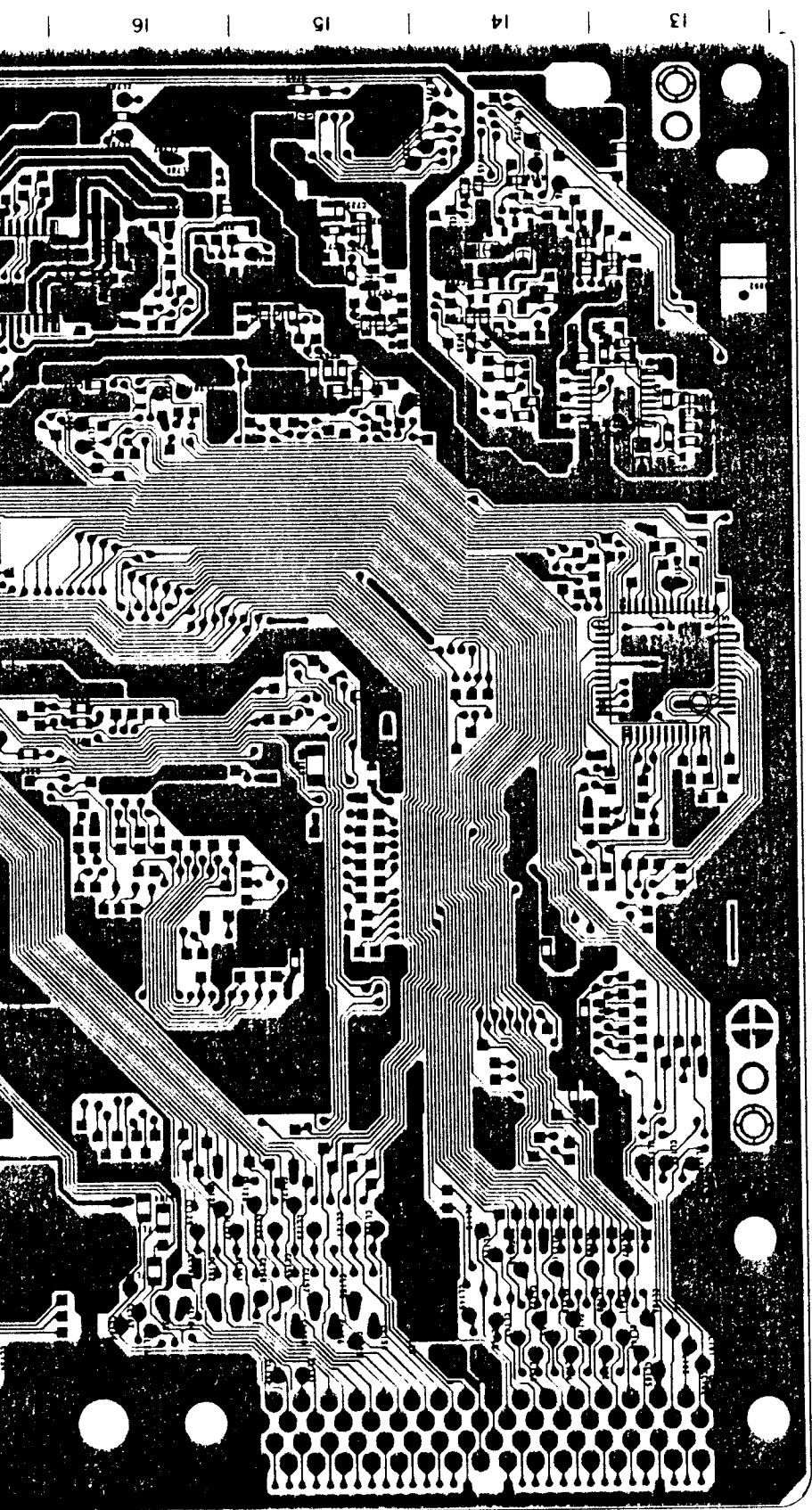
Ref. No.	Location	Ref. No.	Location
D101	B-7	IC107	F-1
D102	A-7	IC108	E-2
D103	B-7	IC109	E-1
D104	B-6	IC201	C-5
D105	B-6	IC202	C-2
D106	H-3	IC203	C-4
D107	H-3	IC303	C-10
D108	H-3	IC304	E-13
D109	G-4	IC305	D-10
D110	G-4	IC308	E-8
D111	G-3	IC310	C-8
D112	H-3	IC402	D-7
D114	B-7	IC501	C-23
D118	B-8	IC601	H-5
D119	B-8	IC701	G-9
D120	H-3	IC702	H-18
D121	H-21	IC703	G-10
D401	D-7	IC704	G-17
D406	B-20	IC706	G-13
D407	B-20	IC708	G-11
D408	B-21	Q101	B-18
D409	B-20	Q102	B-7
D501	B-22	Q103	B-7
D502	B-21	Q104	B-18
D503	B-3	Q401	D-18
D504	B-3	Q402	D-17
D505	B-3	Q403	C-7
D506	B-3	Q404	C-6
D507	B-21	Q501	C-2
D509	B-23	Q502	C-1
D510	B-23	Q503	C-1
D701	H-16	Q505	B-22
D702	H-16	Q506	B-21
D703	H-16	Q609	H-18
D704	H-16	Q610	H-18
IC102	E-6	Q611	H-18
IC103	F-4	Q701	H-11
IC106	F-2	Q702	H-7

12  
52

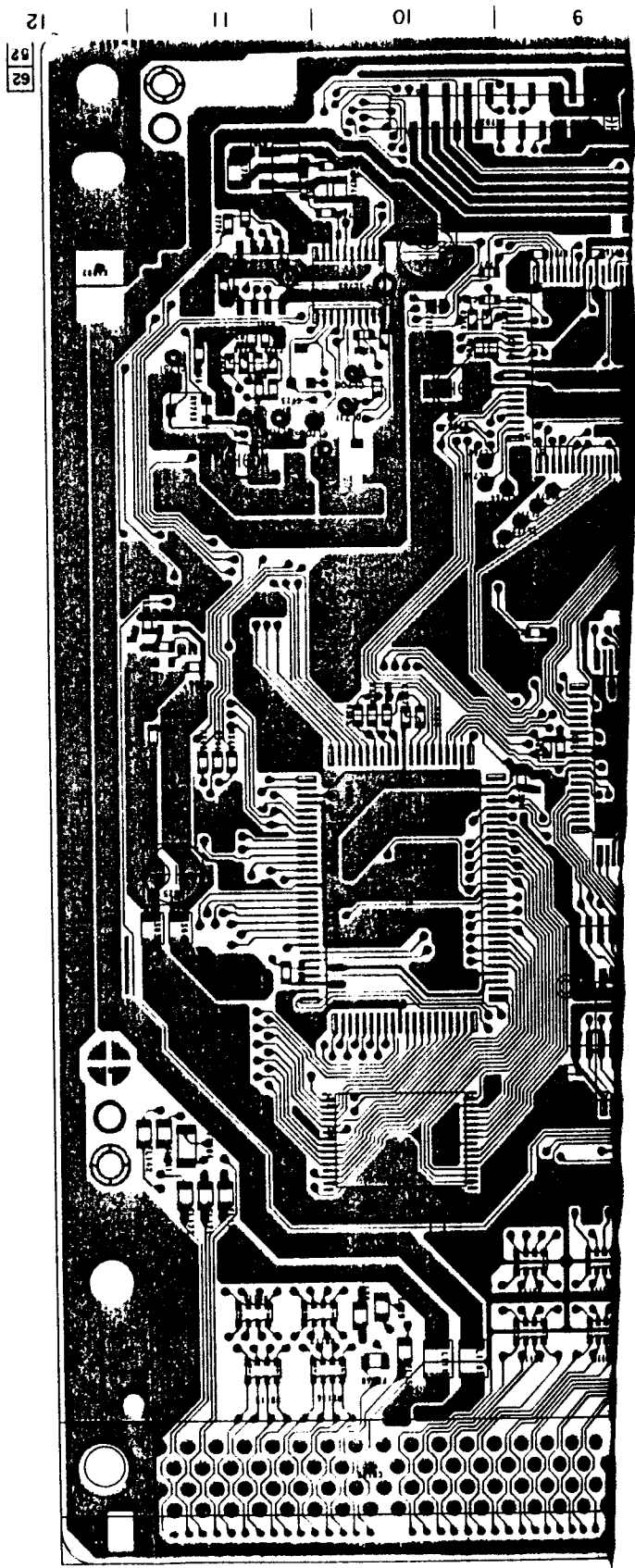


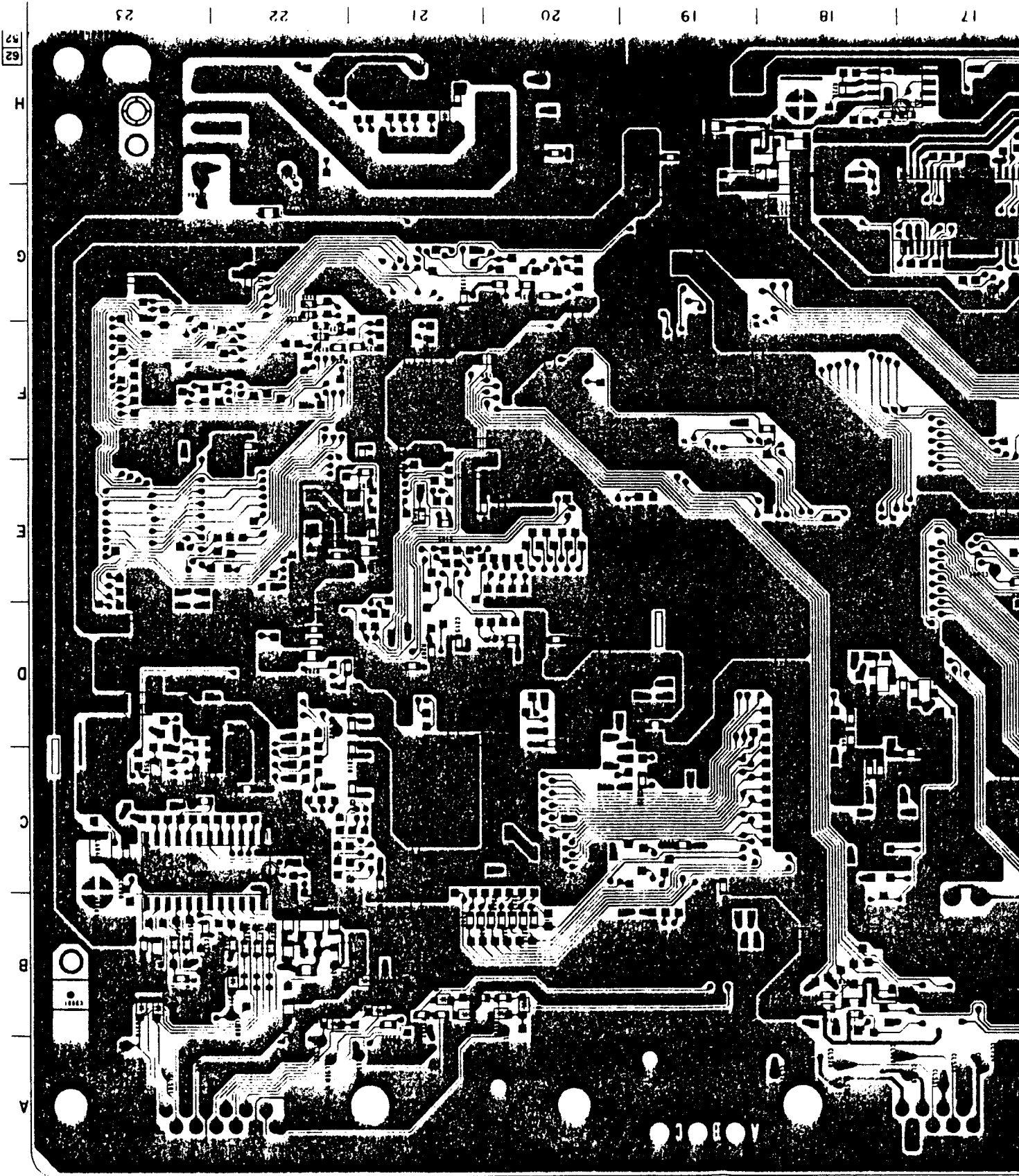
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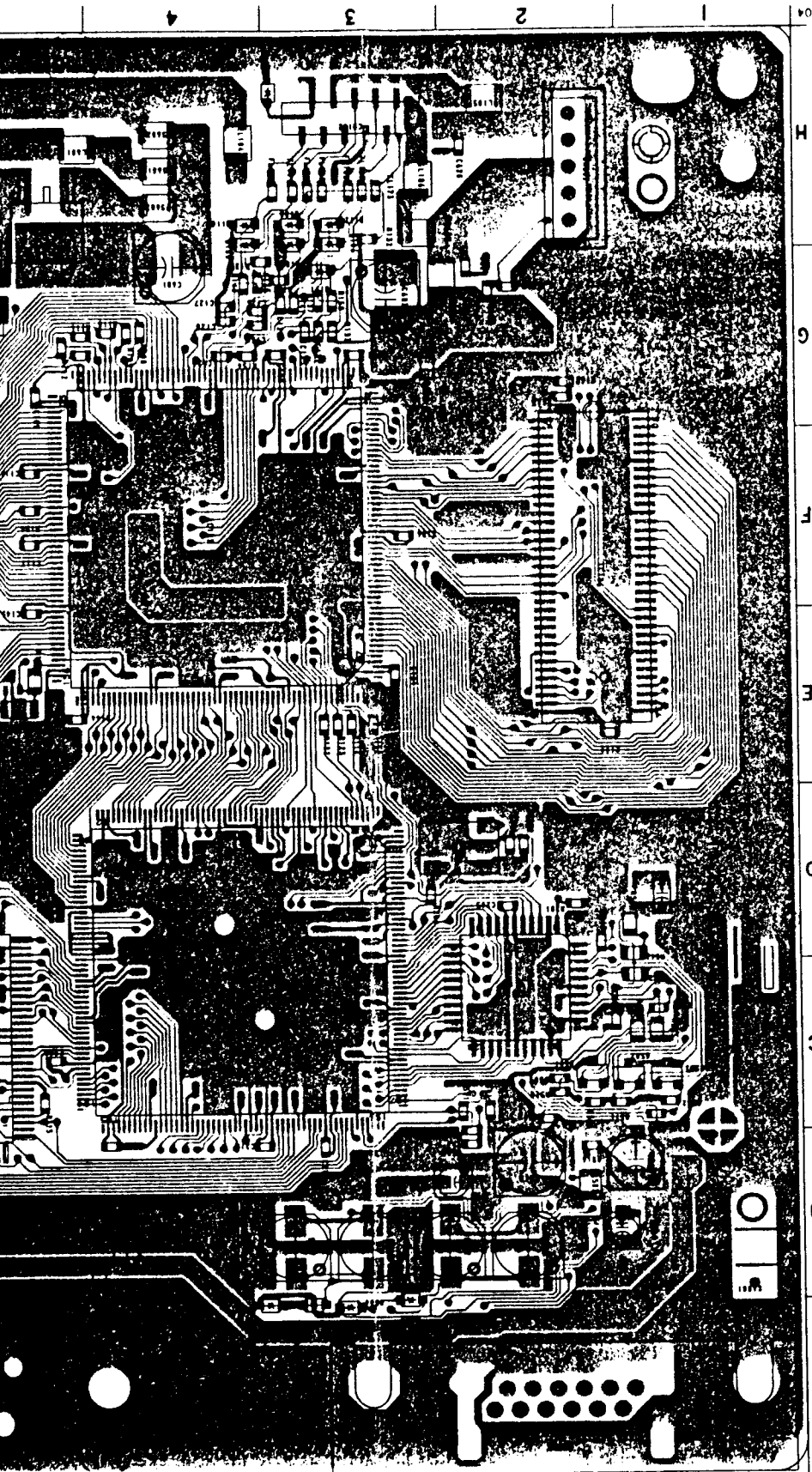
PU-18 BOARD (SIDE B)





3-4. PRINTED WIRING BOARD (PU-18 (-72/-82) BOARD)

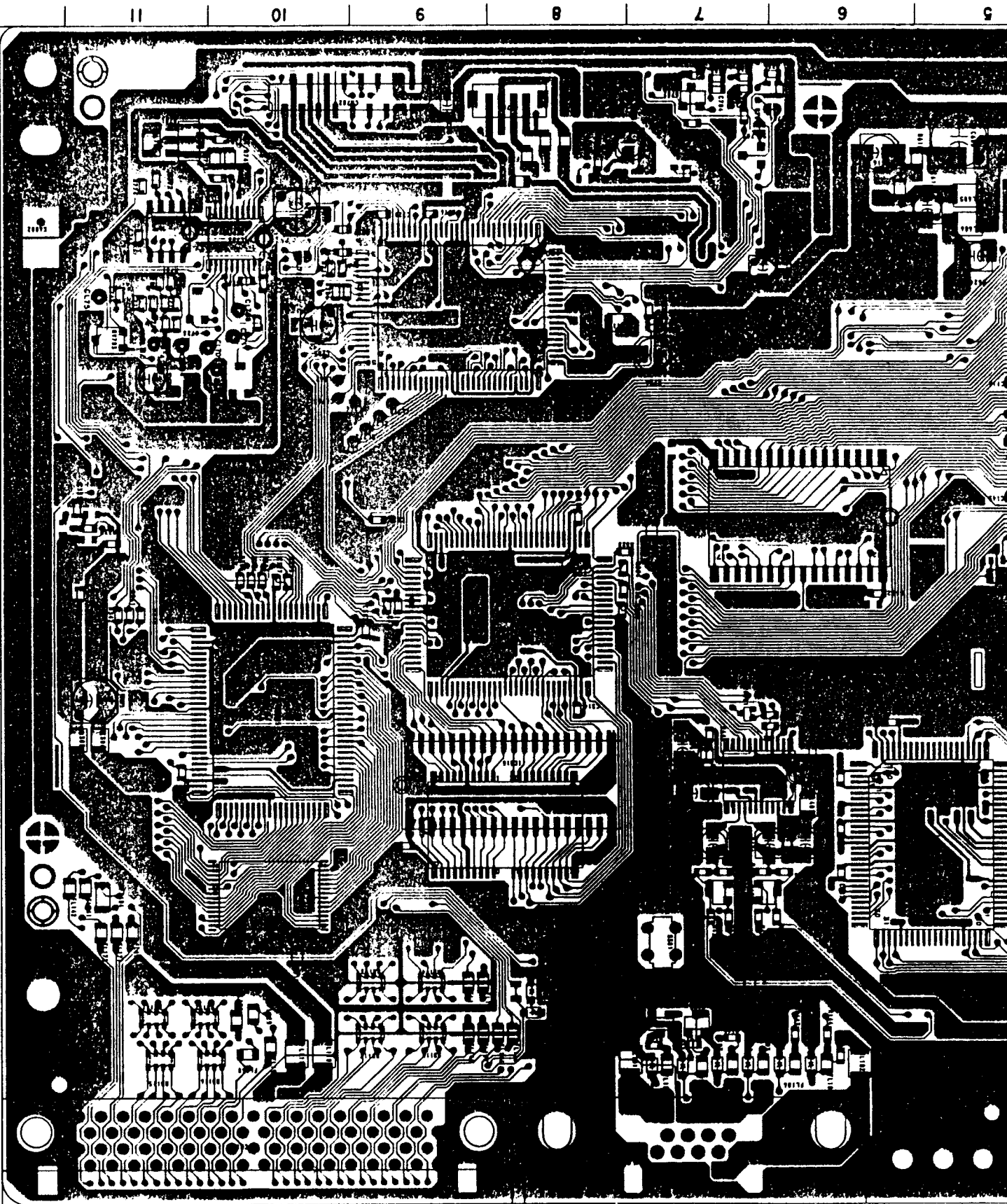
PU-18 BOARD (SIDE A)



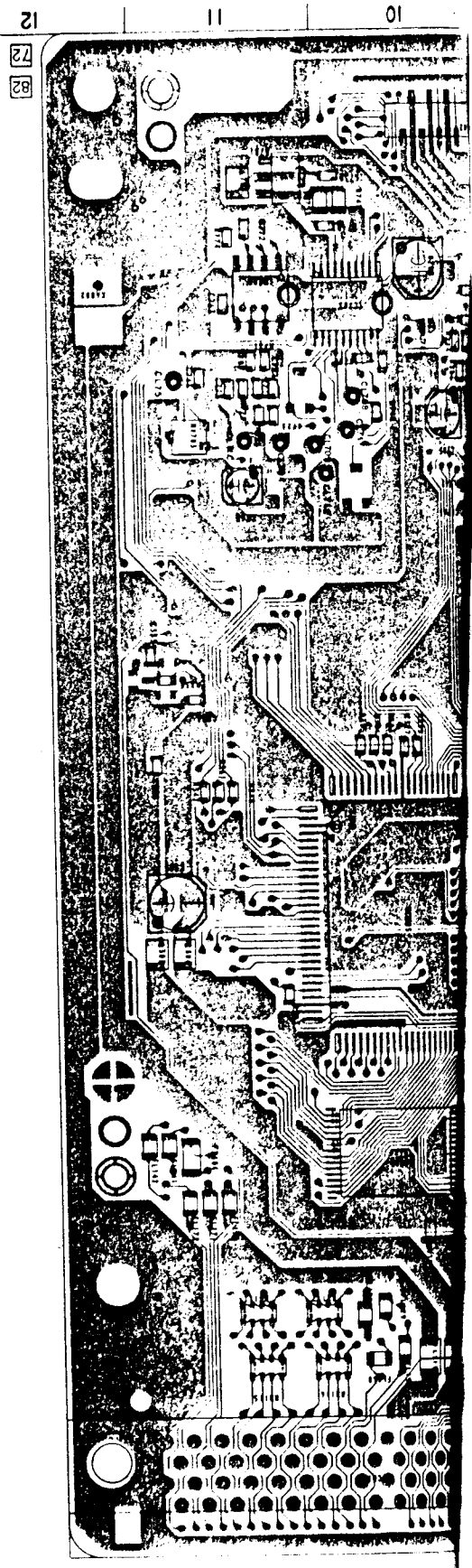
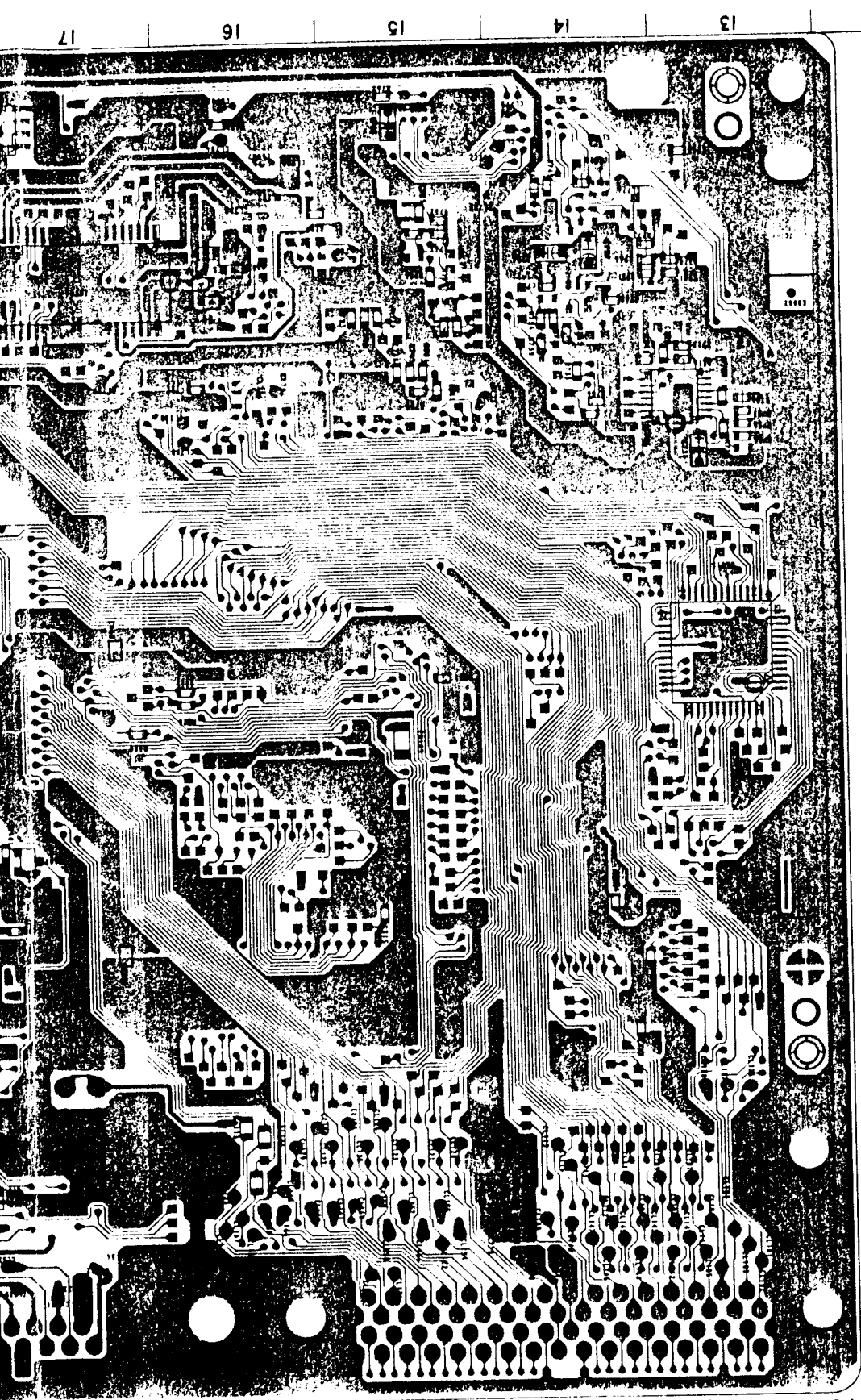
Conductor Location (PU-18 board(-72/-82))

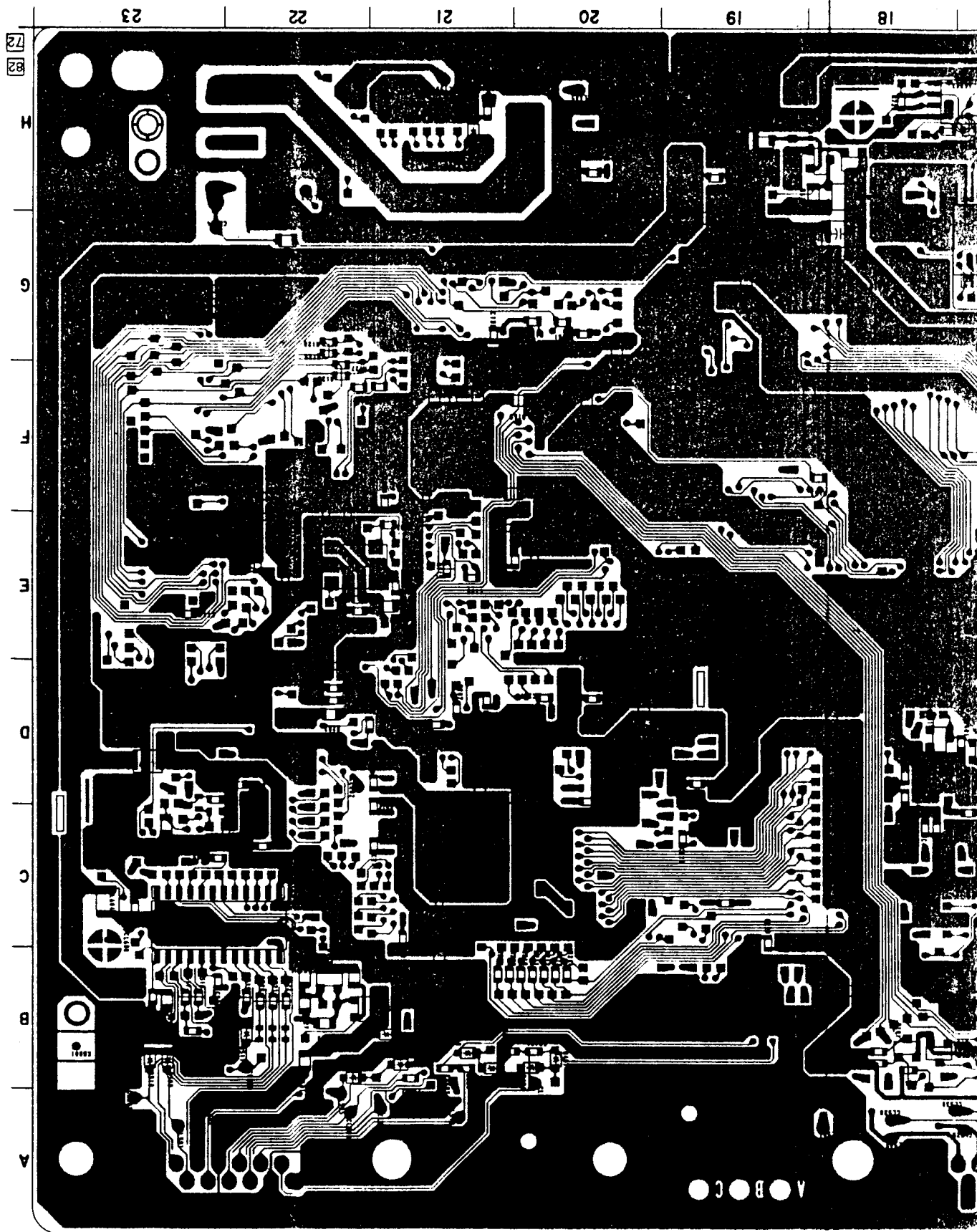
I. No.	Location	Ref. No.	Location
01	B-7	IC103	F-4
02	A-7	IC106	F-2
03	B-7	IC201	C-5
04	B-6	IC202	C-2
05	B-6	IC203	C-4
06	H-3	IC303	C-10
07	H-3	IC304	E-13
08	H-3	IC305	D-10
09	G-4	IC308	E-8
10	G-4	IC310	C-8
11	G-3	IC402	D-7
12	H-3	IC501	C-23
14	B-7	IC601	H-5
18	B-8	IC701	G-9
19	B-8	IC702	H-18
20	H-3	IC703	G-10
21	H-21	IC704	G-17
401	D-7	IC706	G-13
406	B-20	IC708	G-11
407	B-20	Q101	B-18
408	B-21	Q102	B-7
409	B-20	Q103	B-7
450	B-22	Q104	B-18
451	B-21	Q401	D-18
452	B-3	Q402	D-17
453	B-3	Q403	C-7
454	B-3	Q404	C-6
455	B-21	Q501	C-2
456	B-23	Q502	C-1
457	B-23	Q503	C-1
458	B-22	Q505	B-22
459	B-21	Q506	B-21
460	H-16	Q609	H-18
461	H-16	Q610	H-18
462	H-16	Q611	H-18
463	H-11	Q701	H-7
464	E-6	Q702	H-7

12  
22  
22



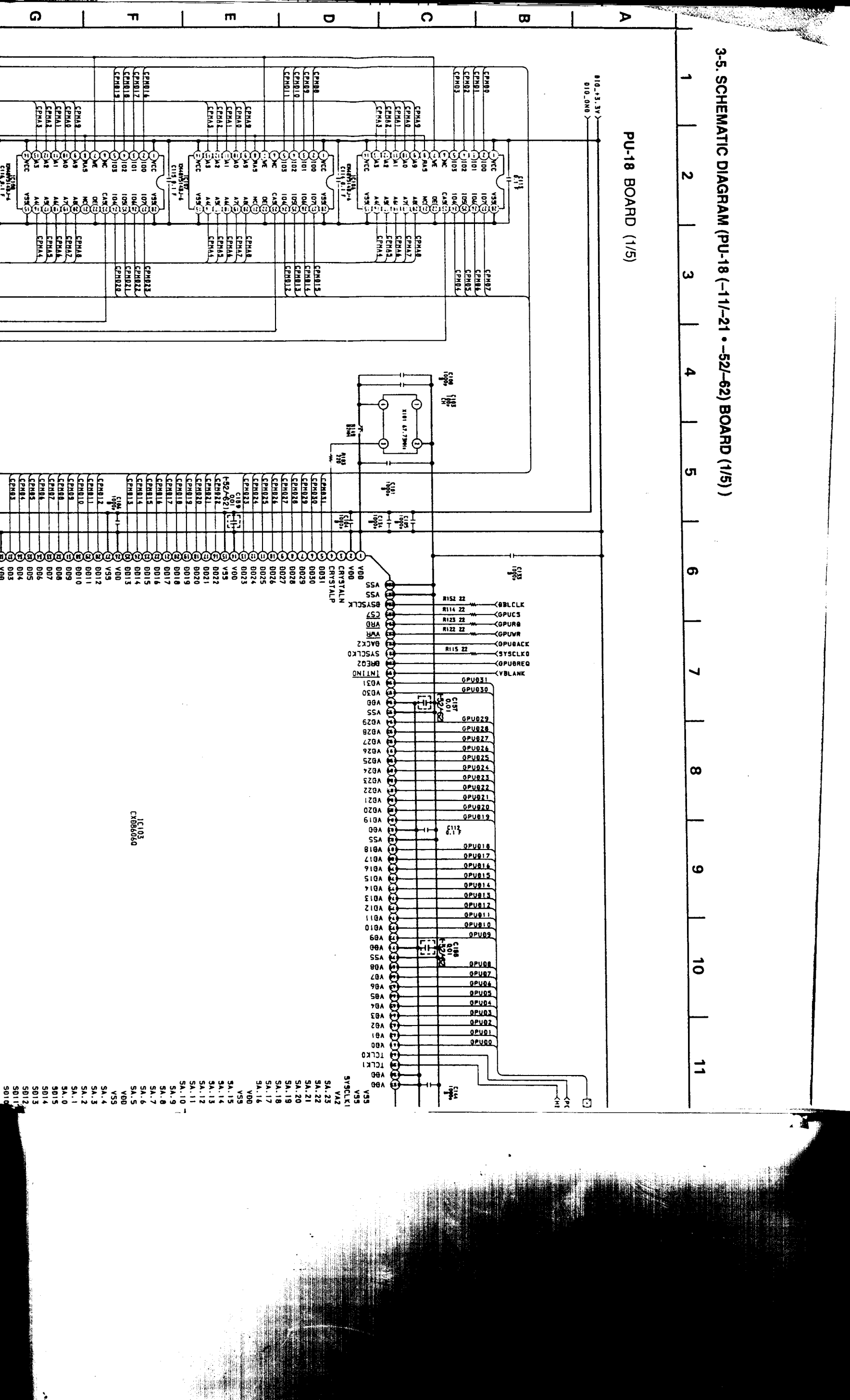
PU-18 BC

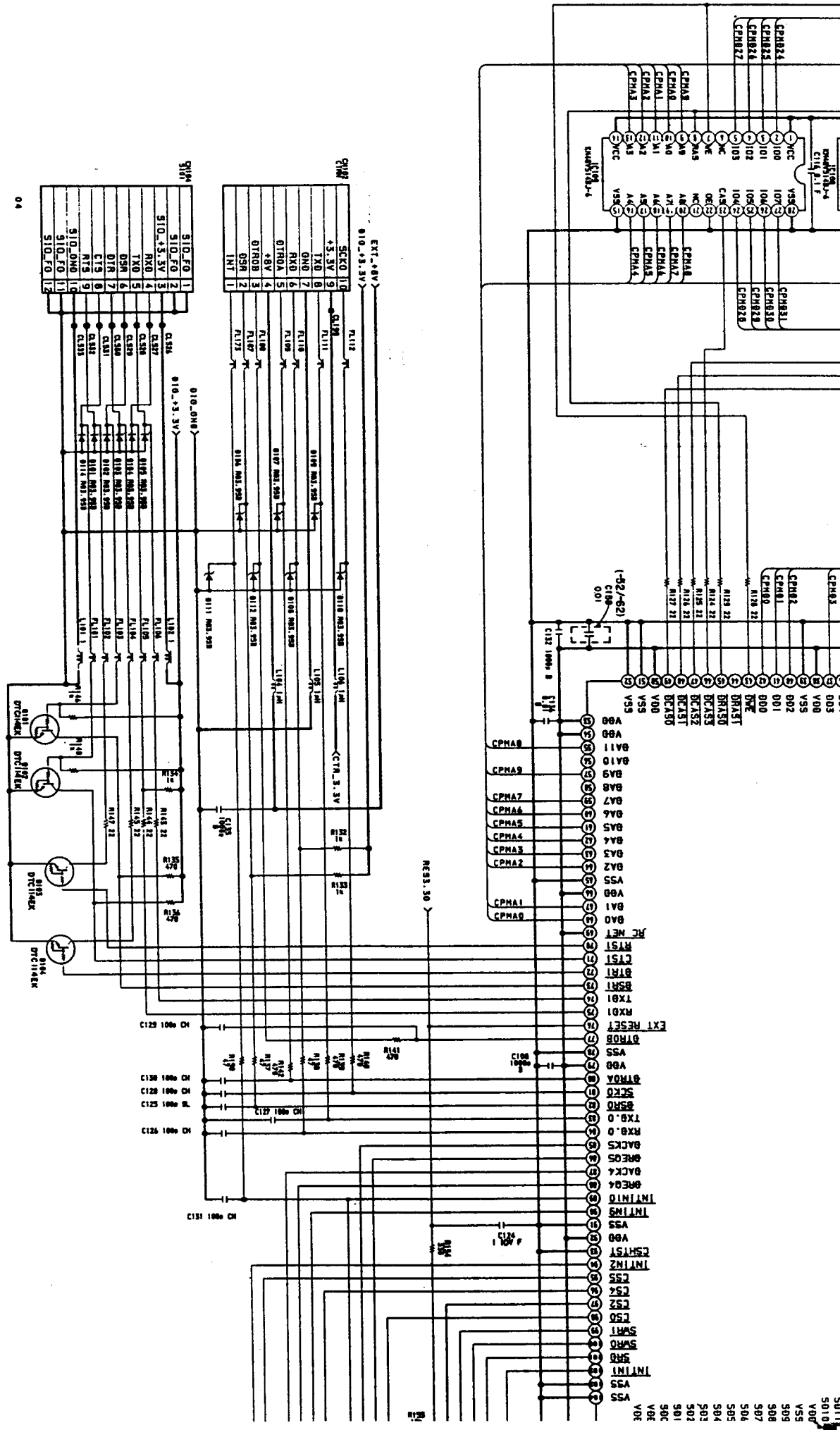




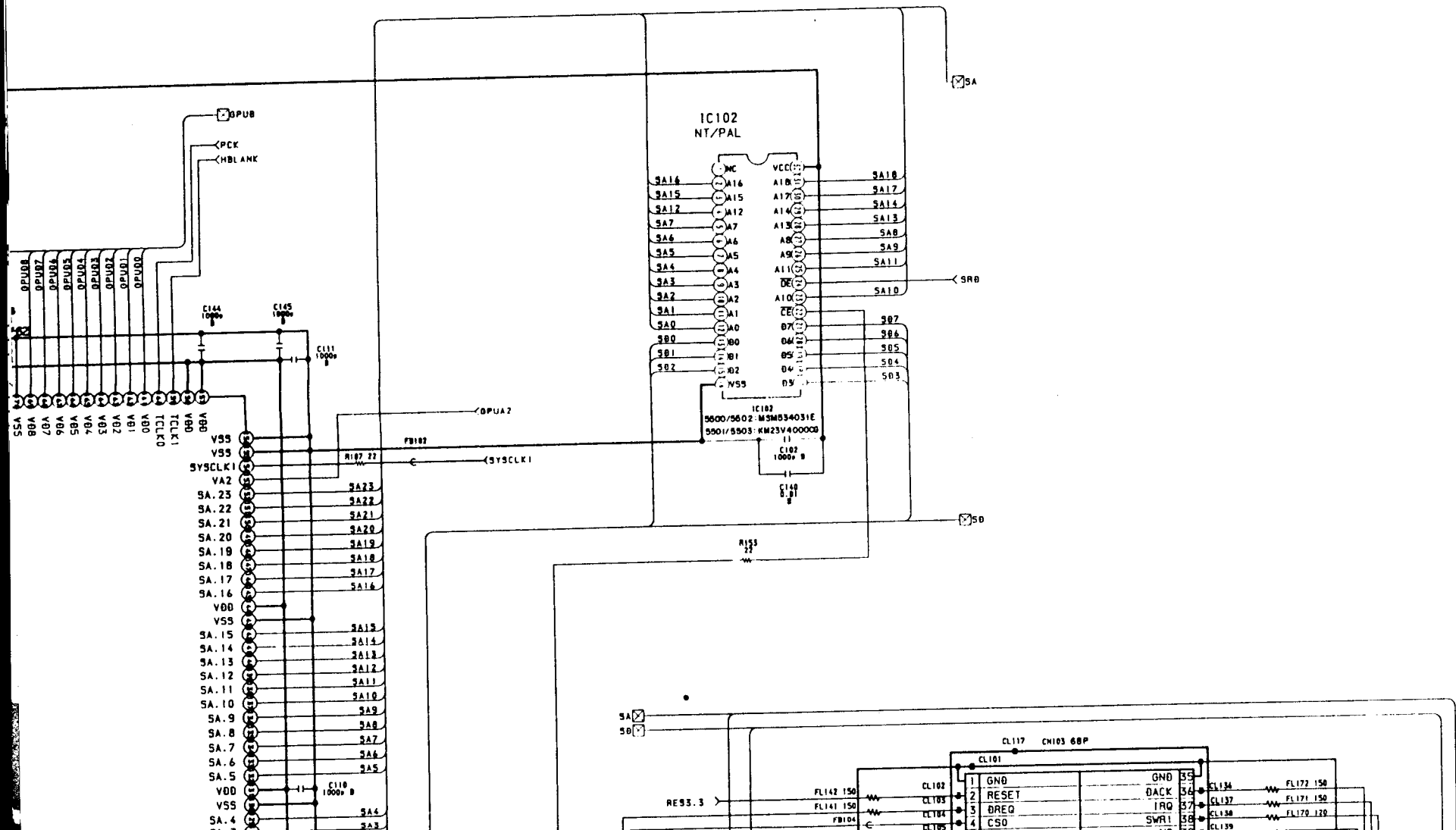
3-5. SCHEMATIC DIAGRAM (PU-18 (-1/1-21 • -52/-62) BOARD (1/5))

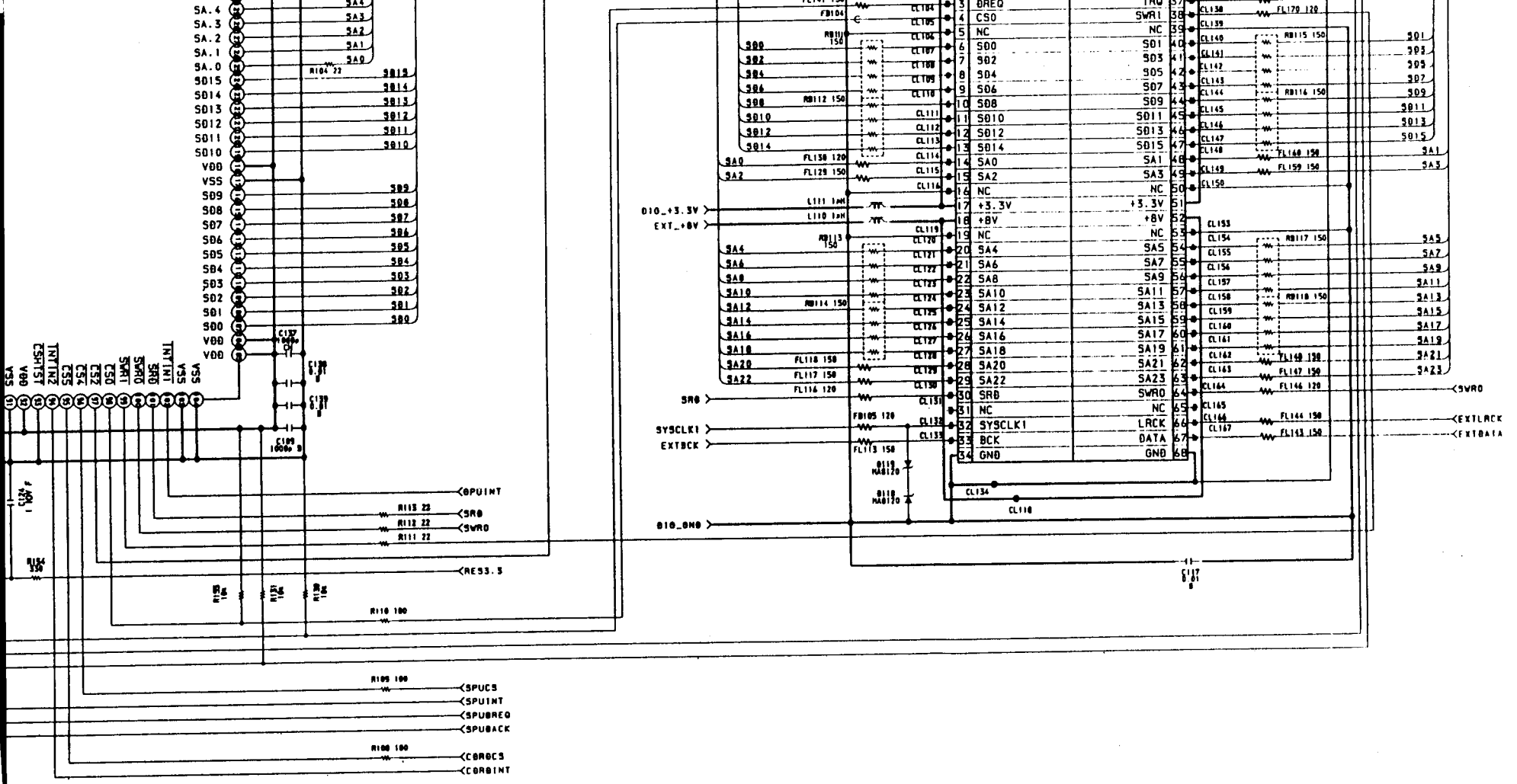
PU-18 BOARD (1/5)



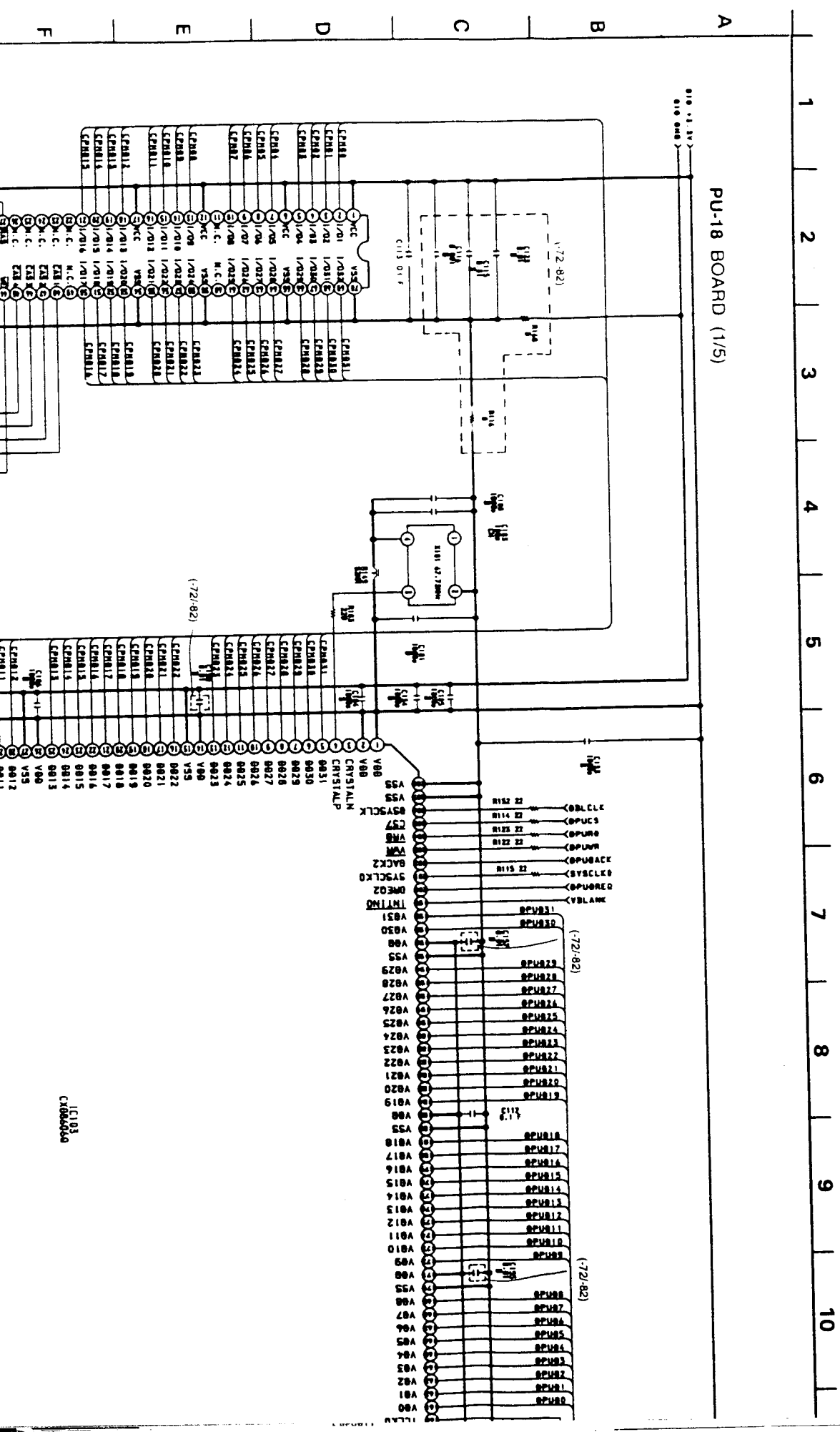






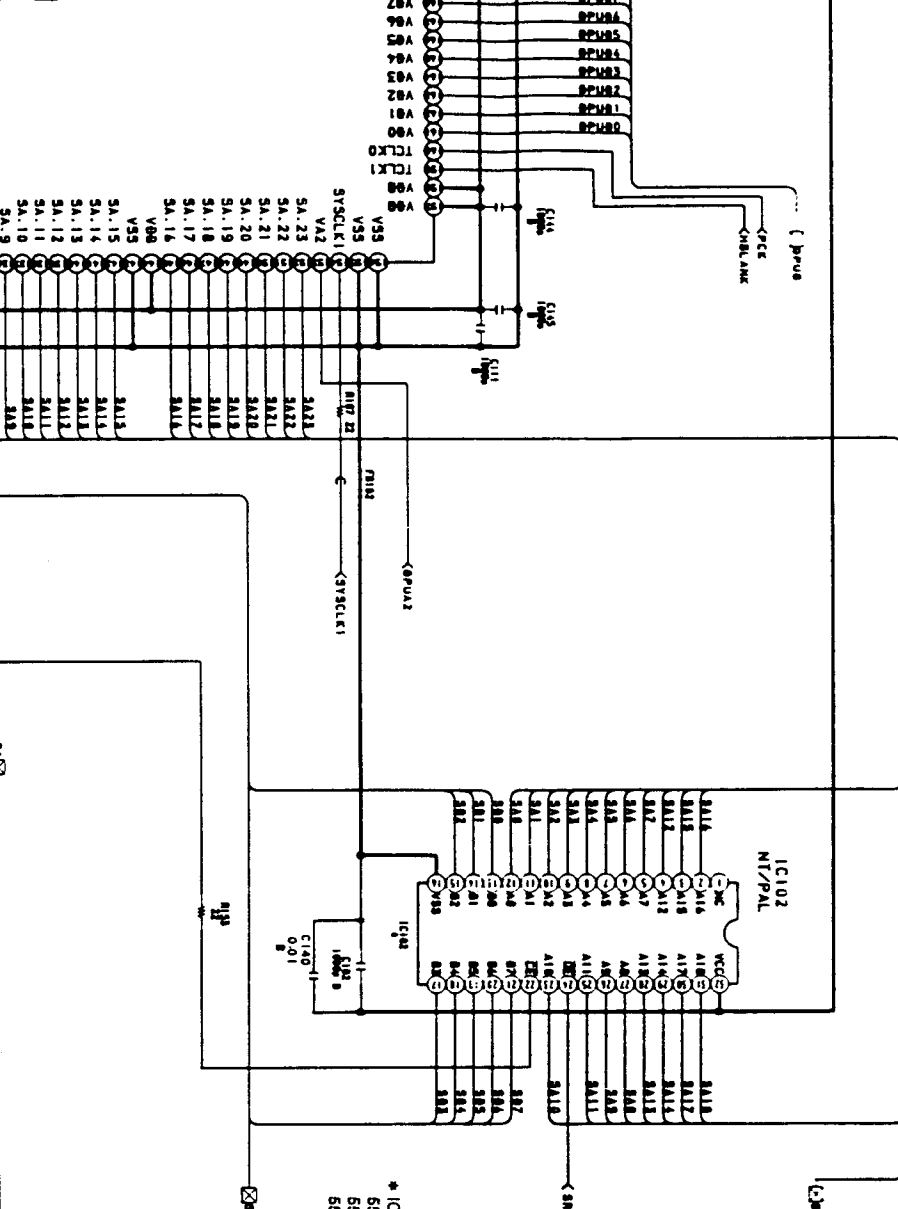


3-6. SCHEMATIC DIAGRAM (PU-18 (-31/-41 • -72/-82) BOARD (1/5))

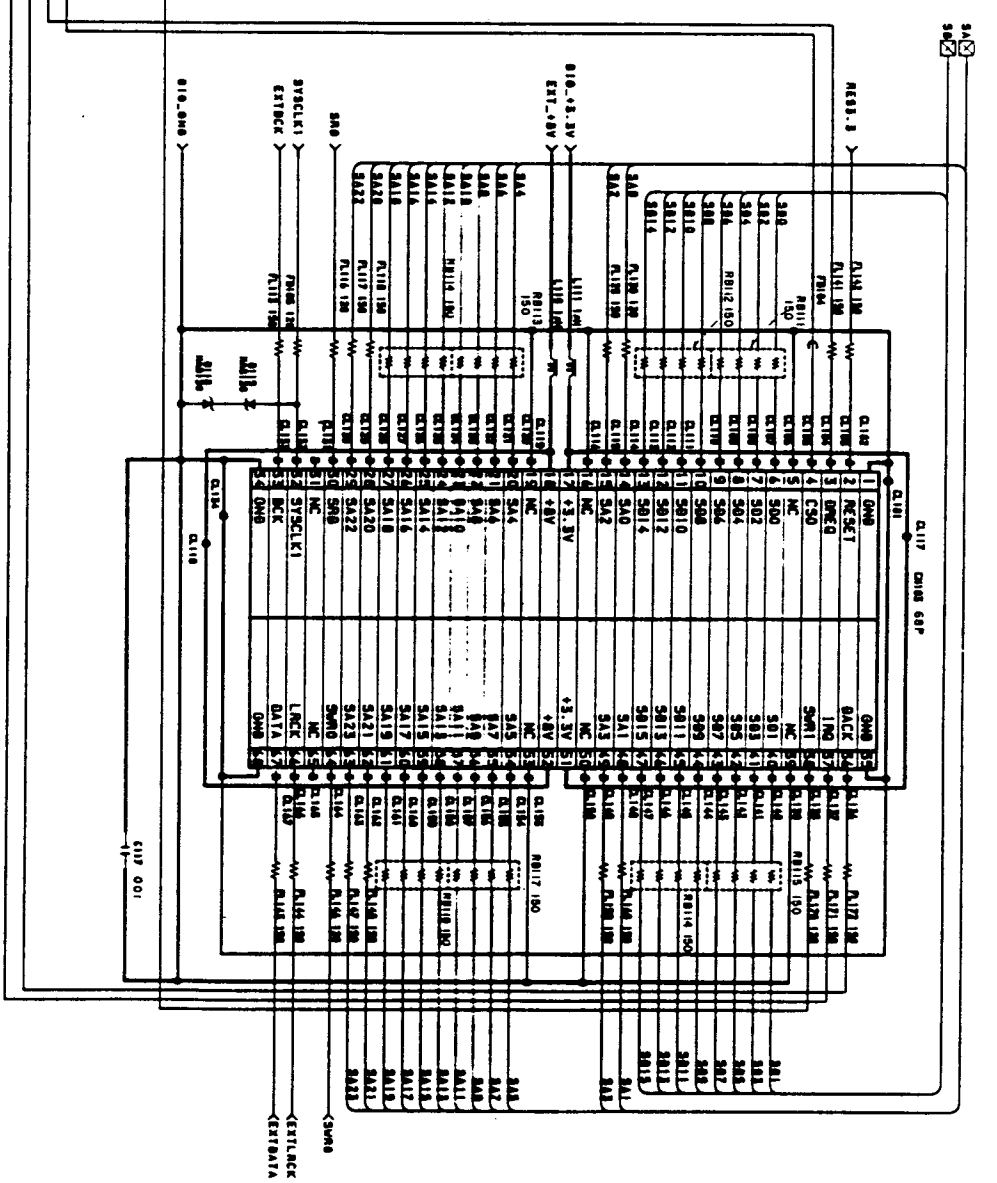
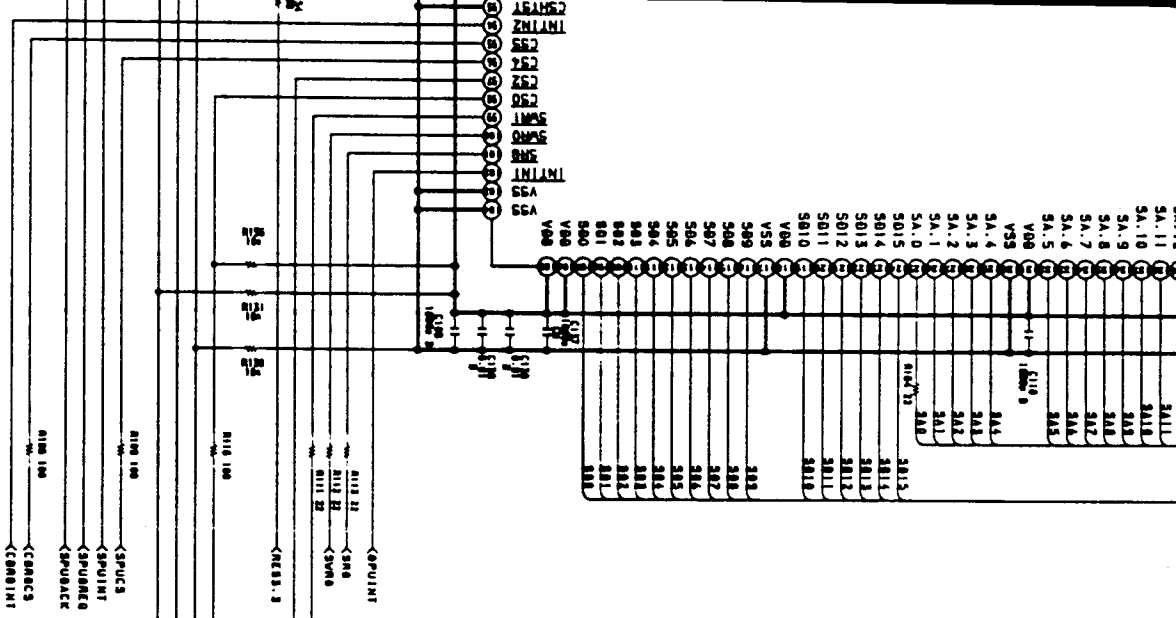


IC103  
CX88A050



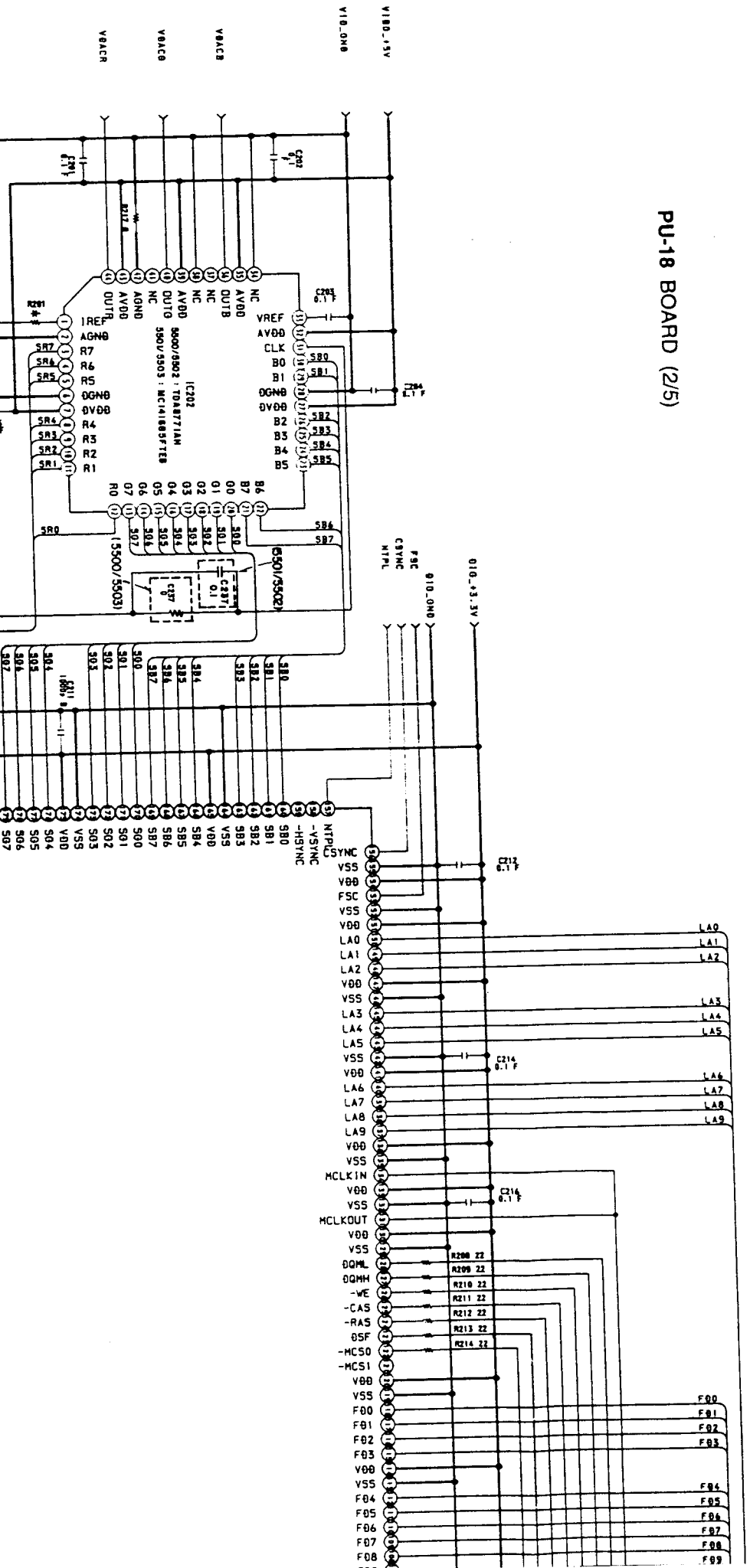


\* IC102  
 5500 : -31/-41 : MSME34031C  
 5501/5503 : -72/-82 : KM231V4000CG  
 5502 : -72/-82 : UM231A101M



3-7. SCHEMATIC DIAGRAM (PU-18 (-11/-21 • -31/-41 • -52/-62 • -72/-82) BOARD (2/5))

PU-18 BOARD (2/5)

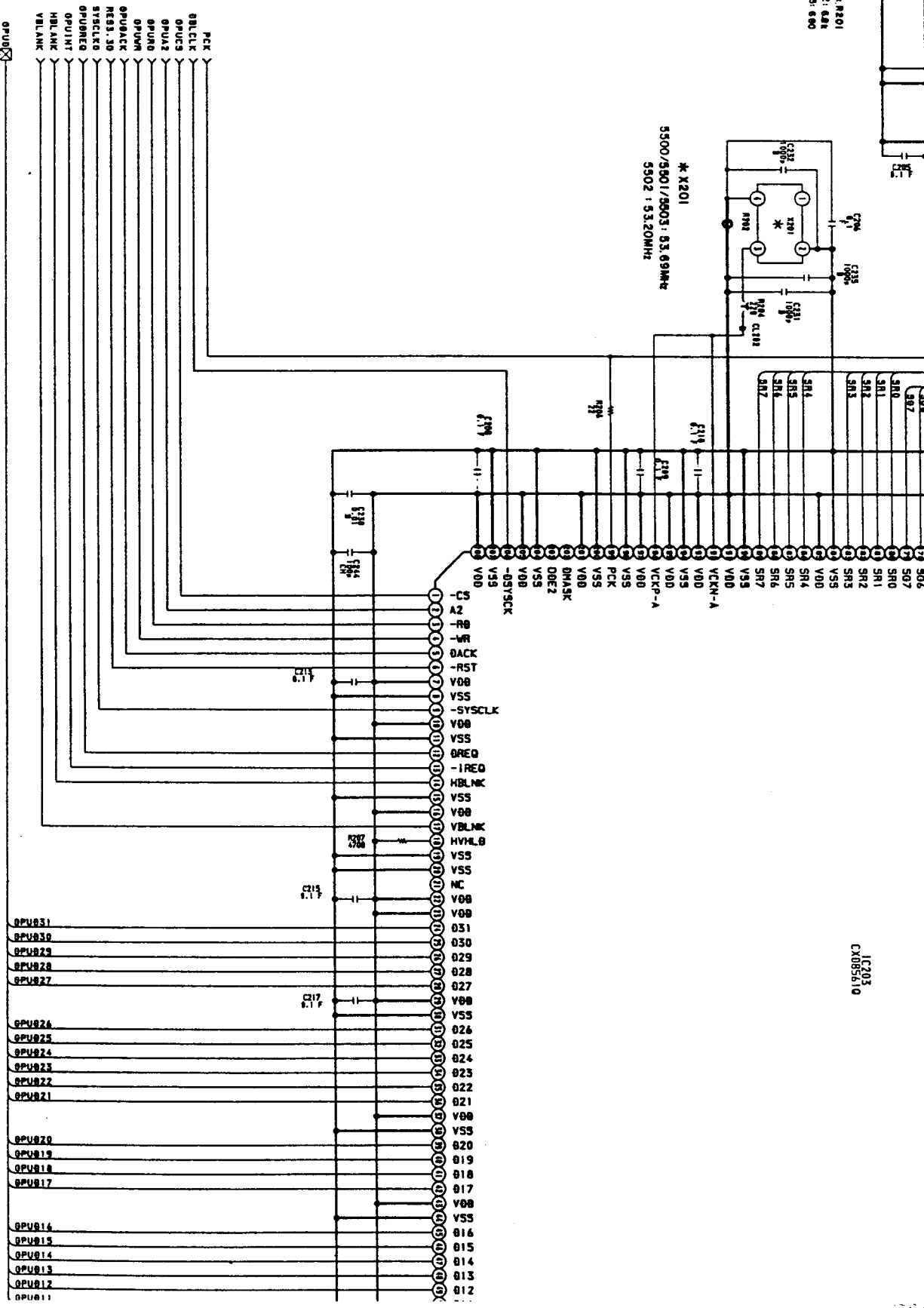
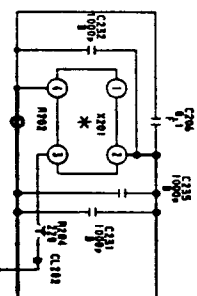


1 2 3 4 5 6 7 8 9 10 11



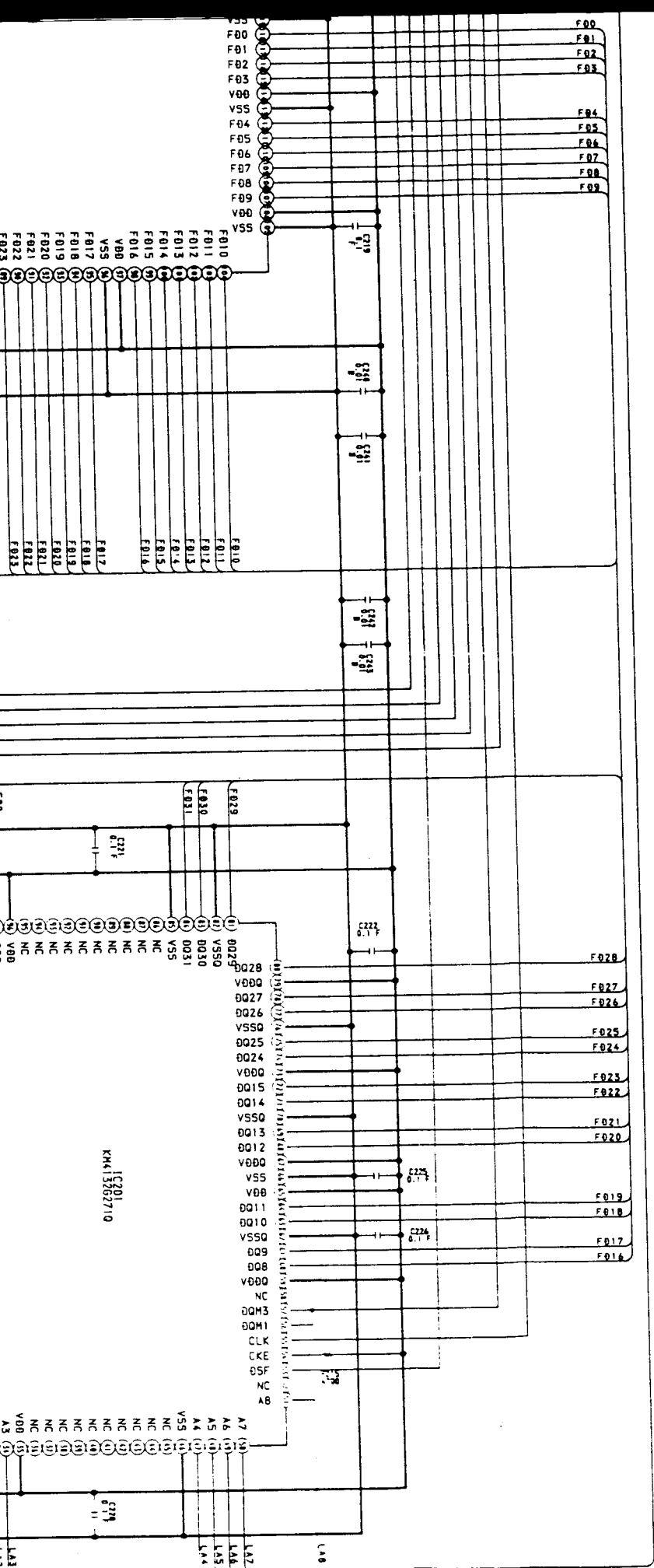
\* K201  
5500/5502: 6A1  
5501/5503: 6A0

\* K201  
5500/5501/5503: 63.69MHz  
5502: 53.20MHz

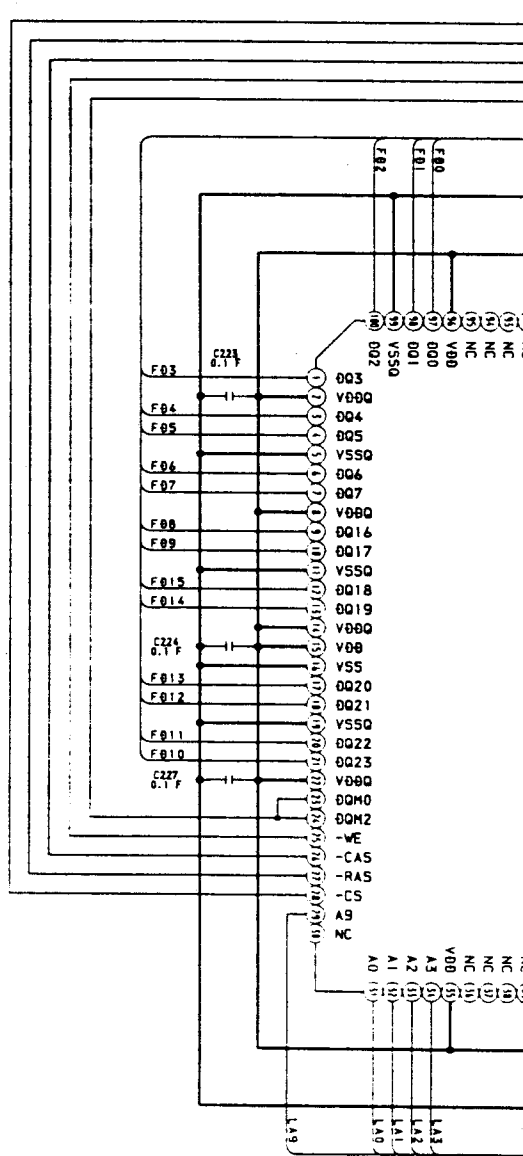
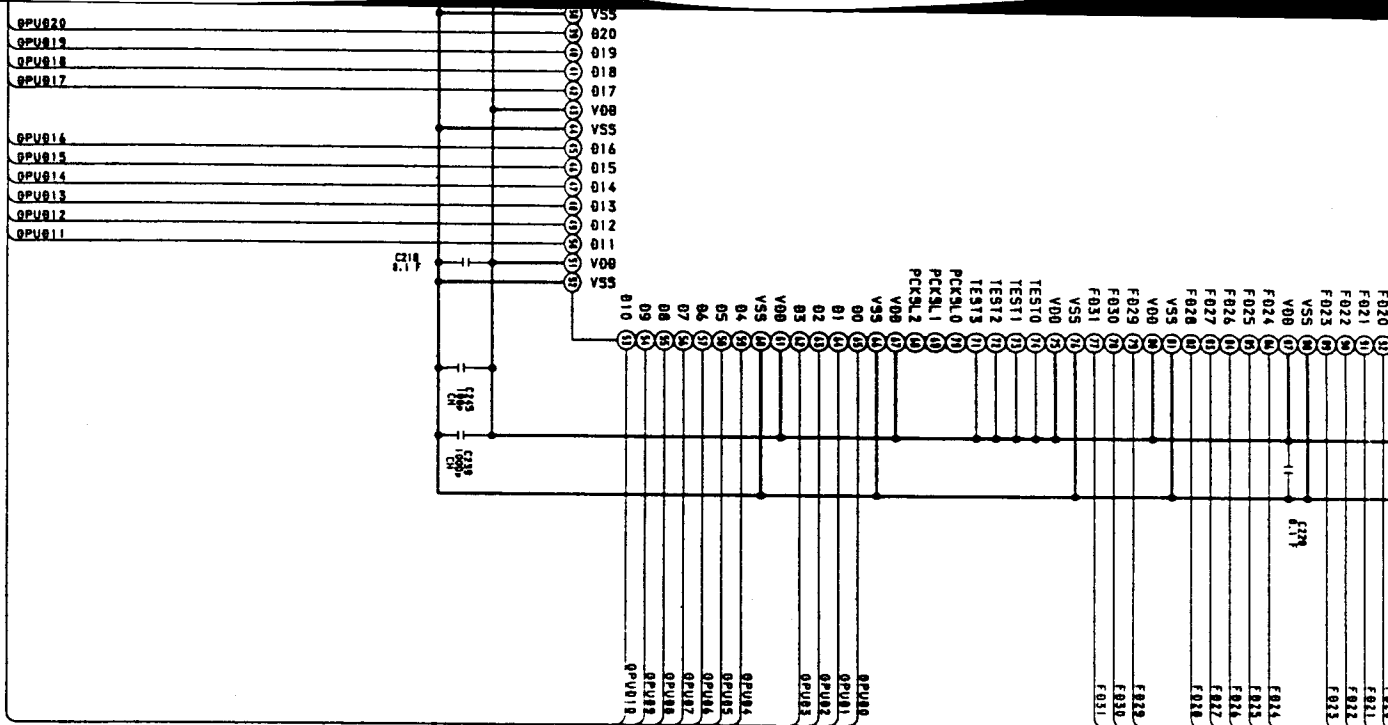


IC203  
CX085610

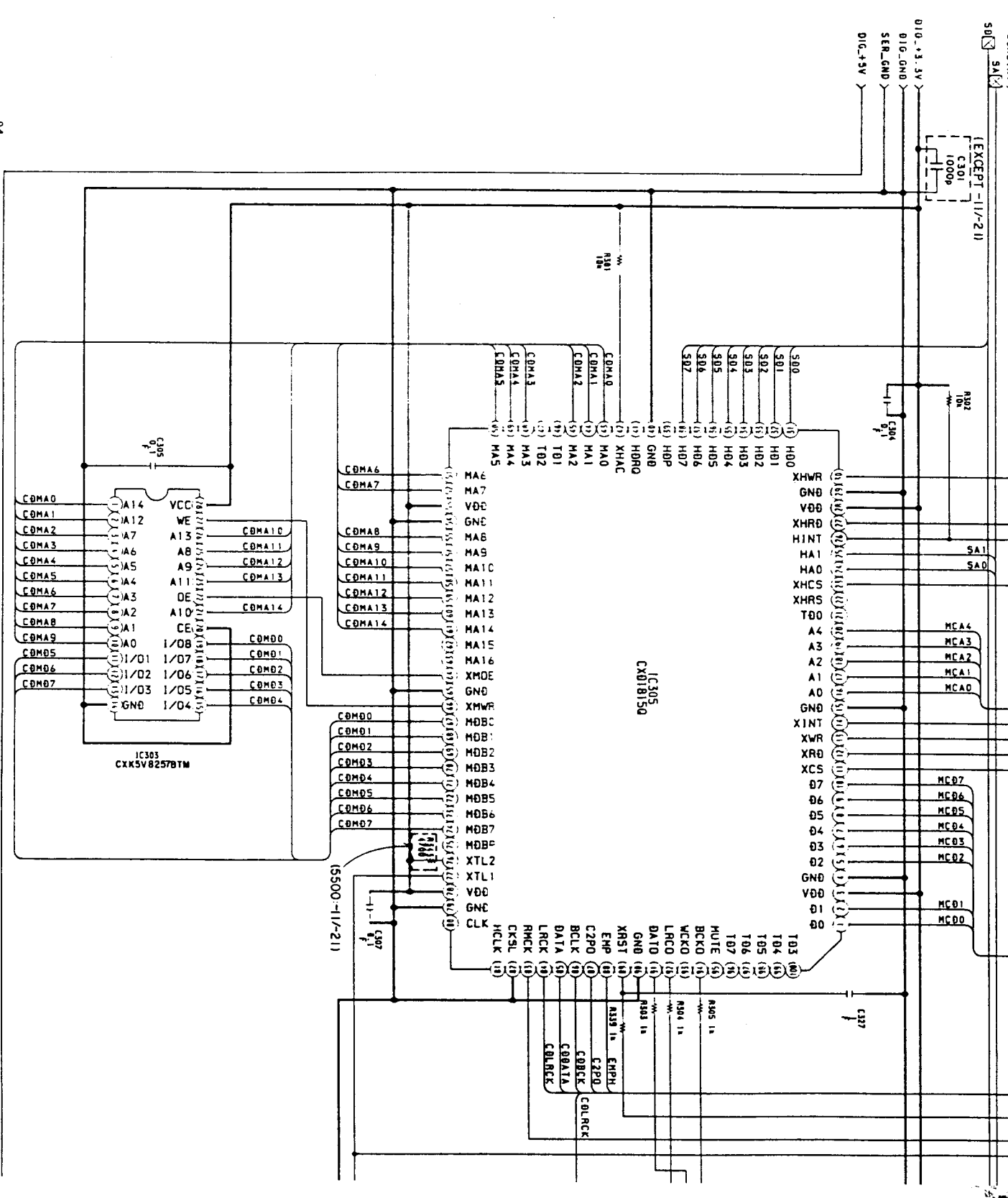




11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21







04

10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19

CLBCK  
CODATA  
COBCK  
CZPD  
ENPH

<SPEED

N340 Z2

<OAITO

N341 Z2

<ALTO

N342 Z2

<CLKO

<SCOR

<HRSW

<SOCK

<SUBO

<SEMS

<SYSCLK

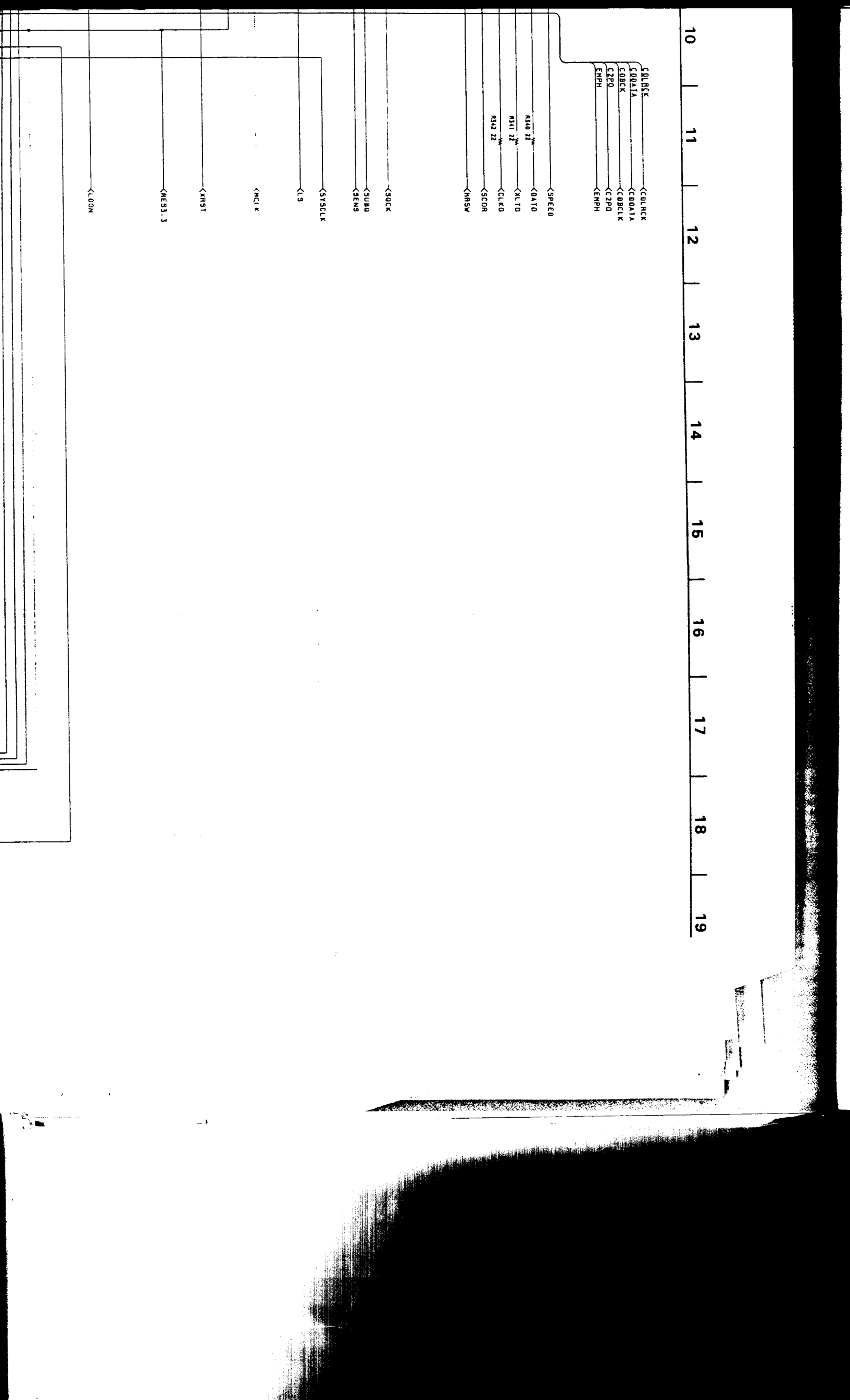
<LS

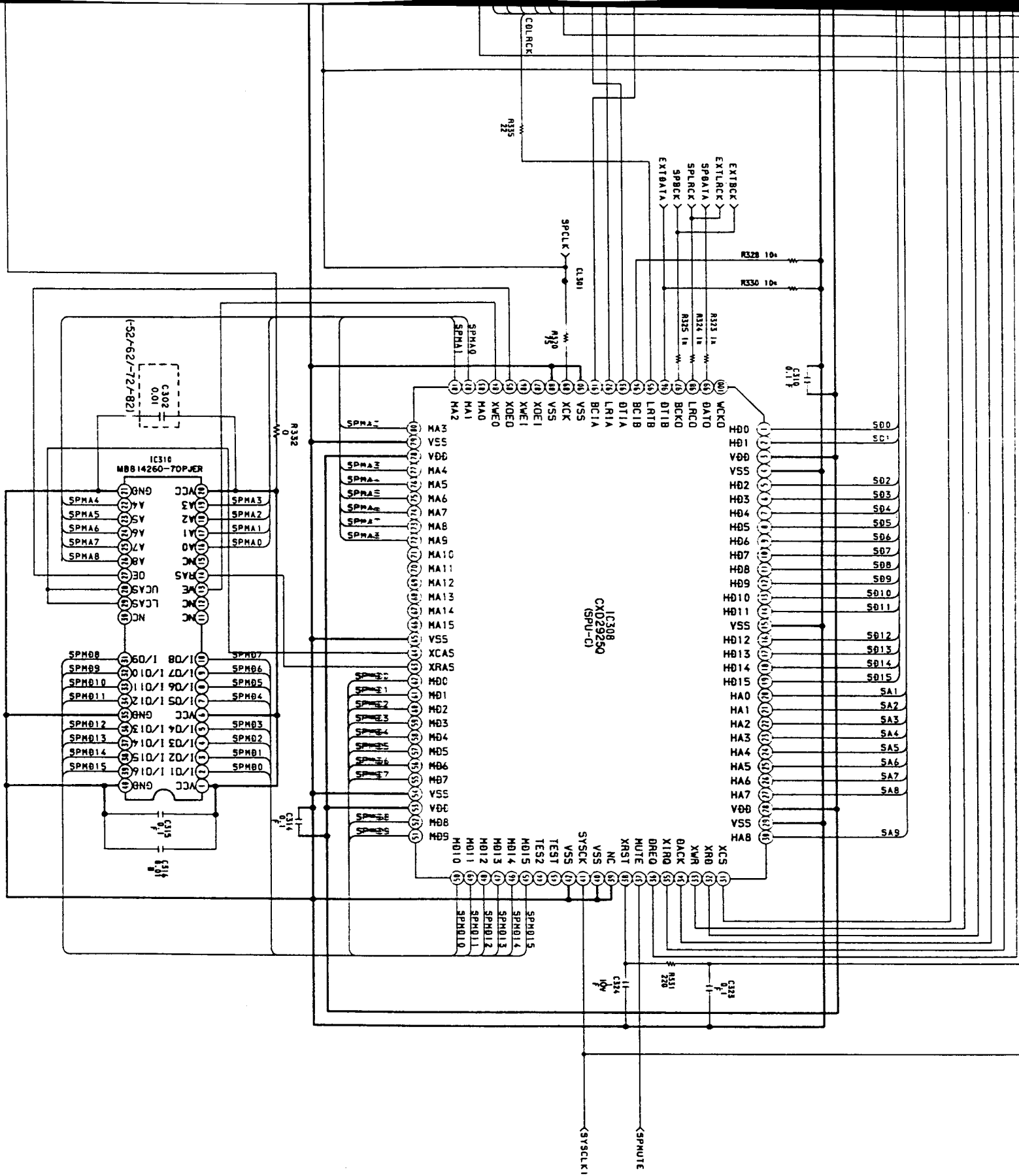
<MCLK

<KRST

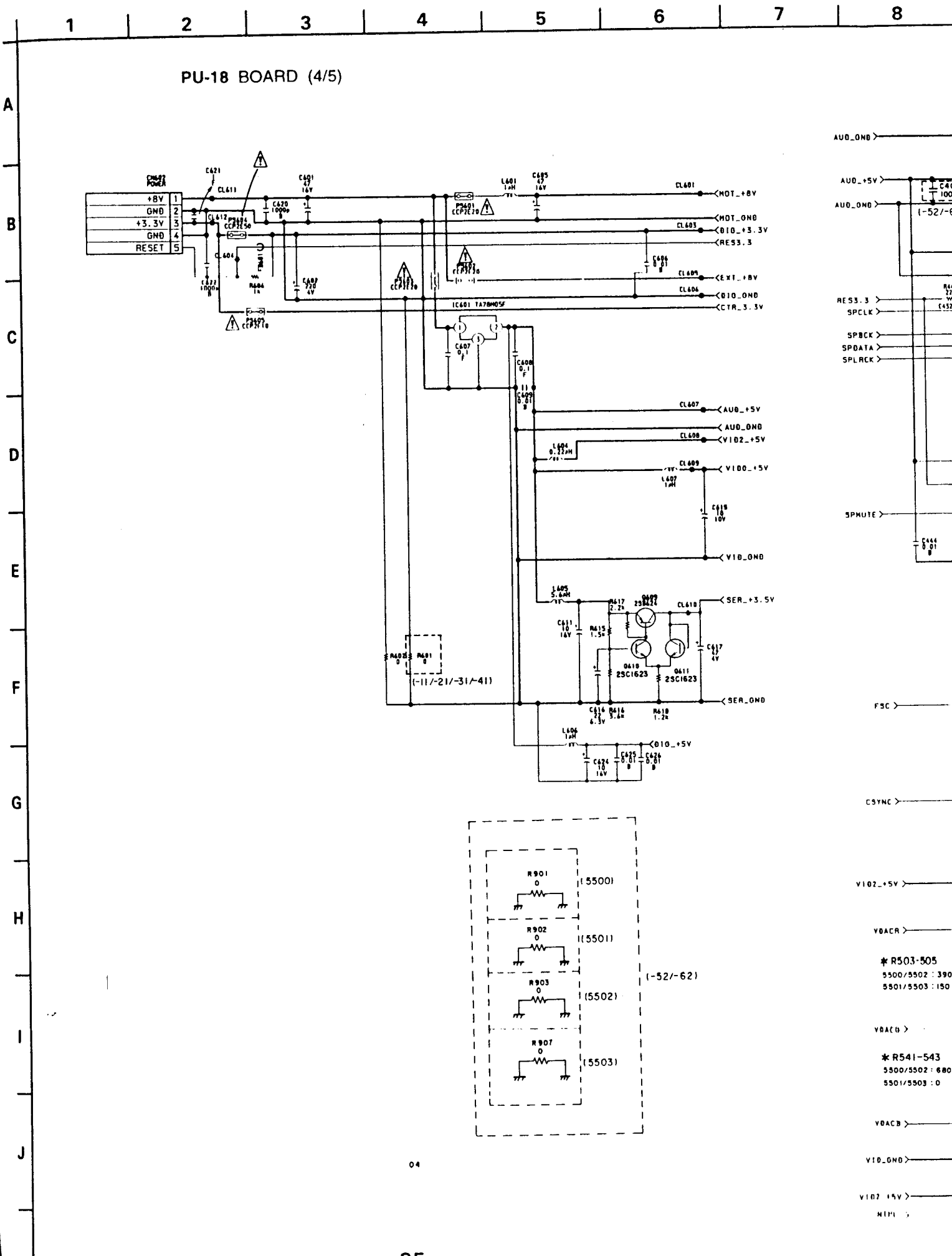
<RES3.3

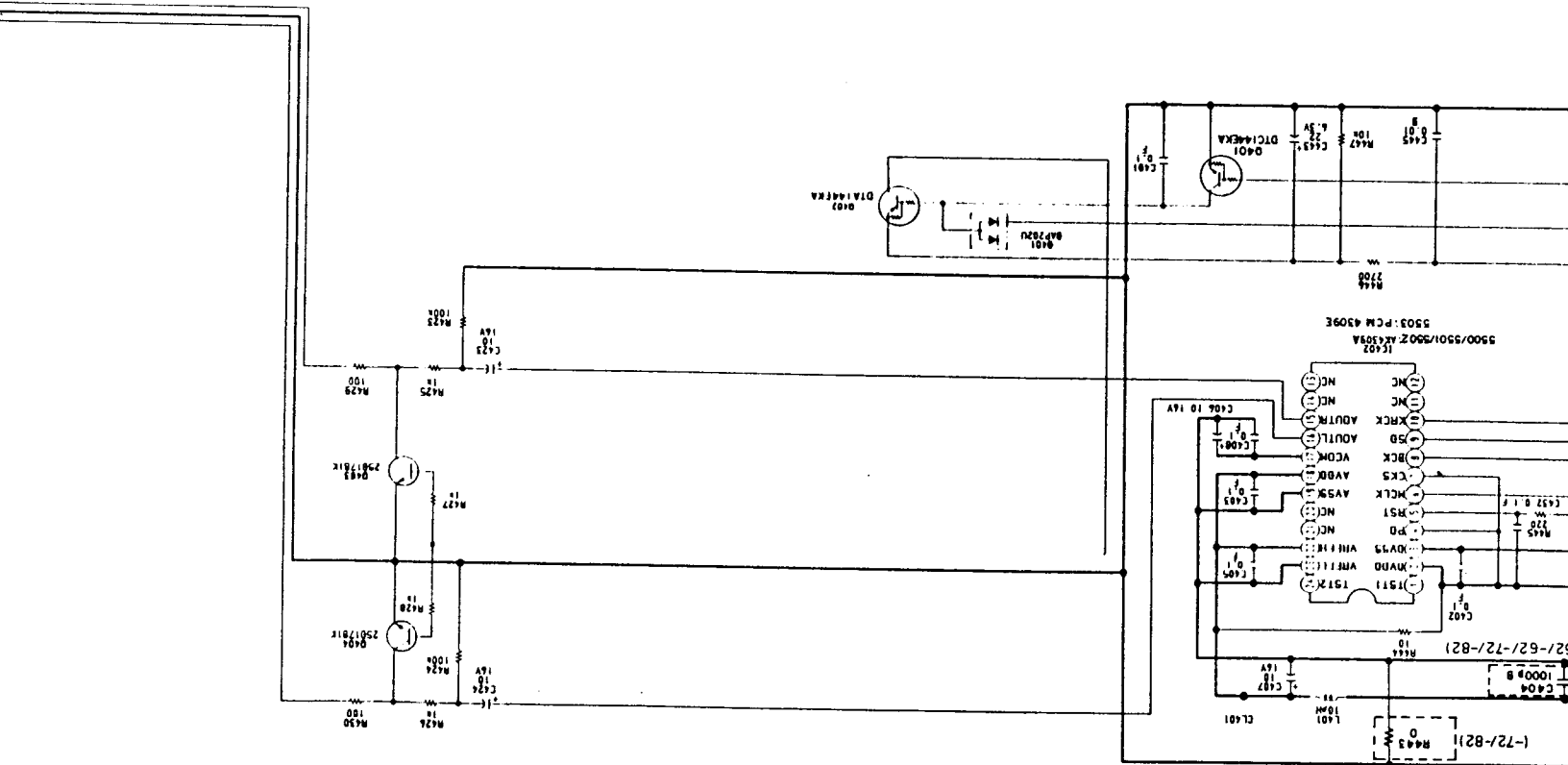
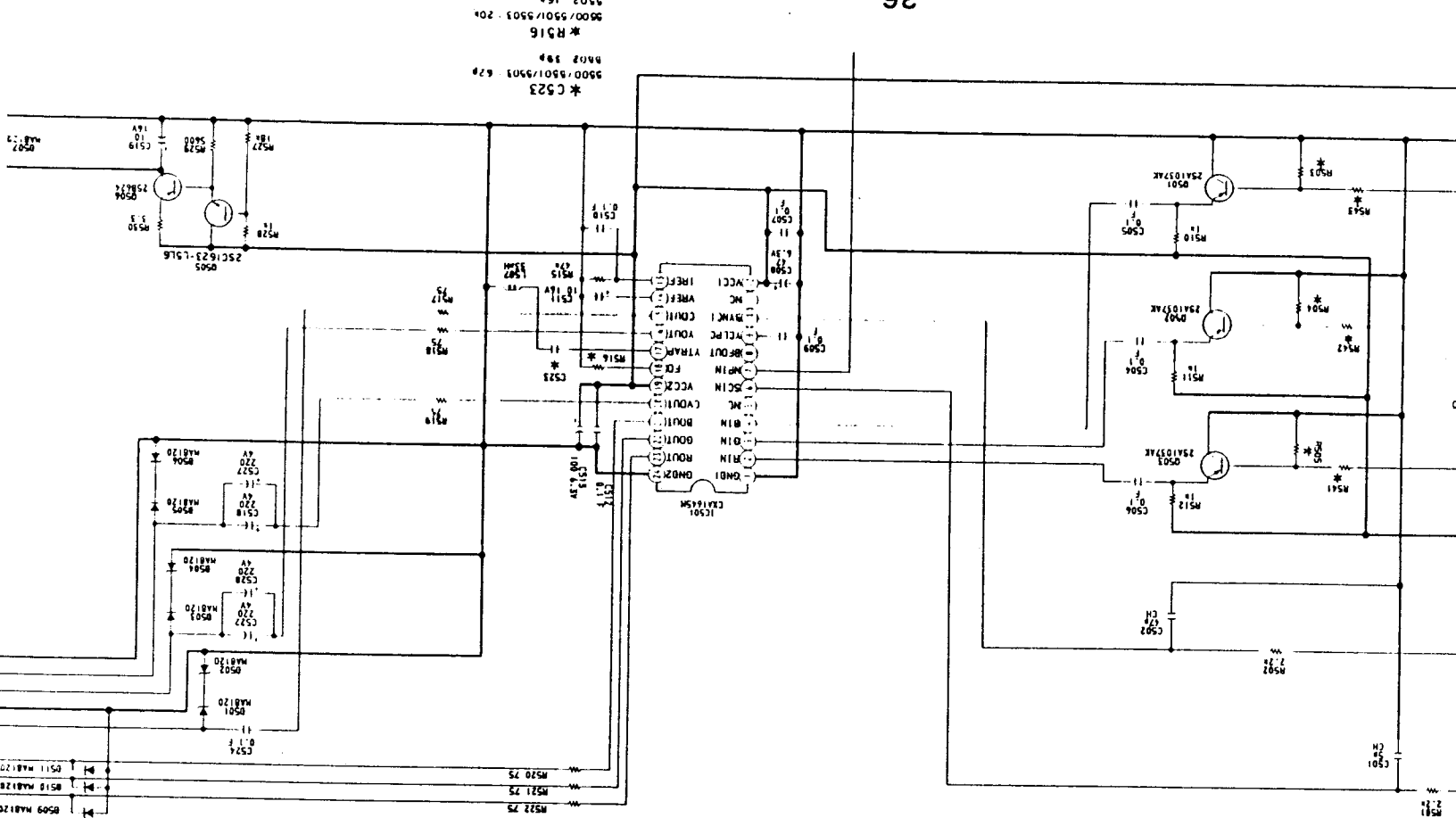
<LDON





3-9. SCHEMATIC DIAGRAM (PU-18 (-11/-21 • -31/-41 • -52/-62 • -72/-82) BOARD (4/5))

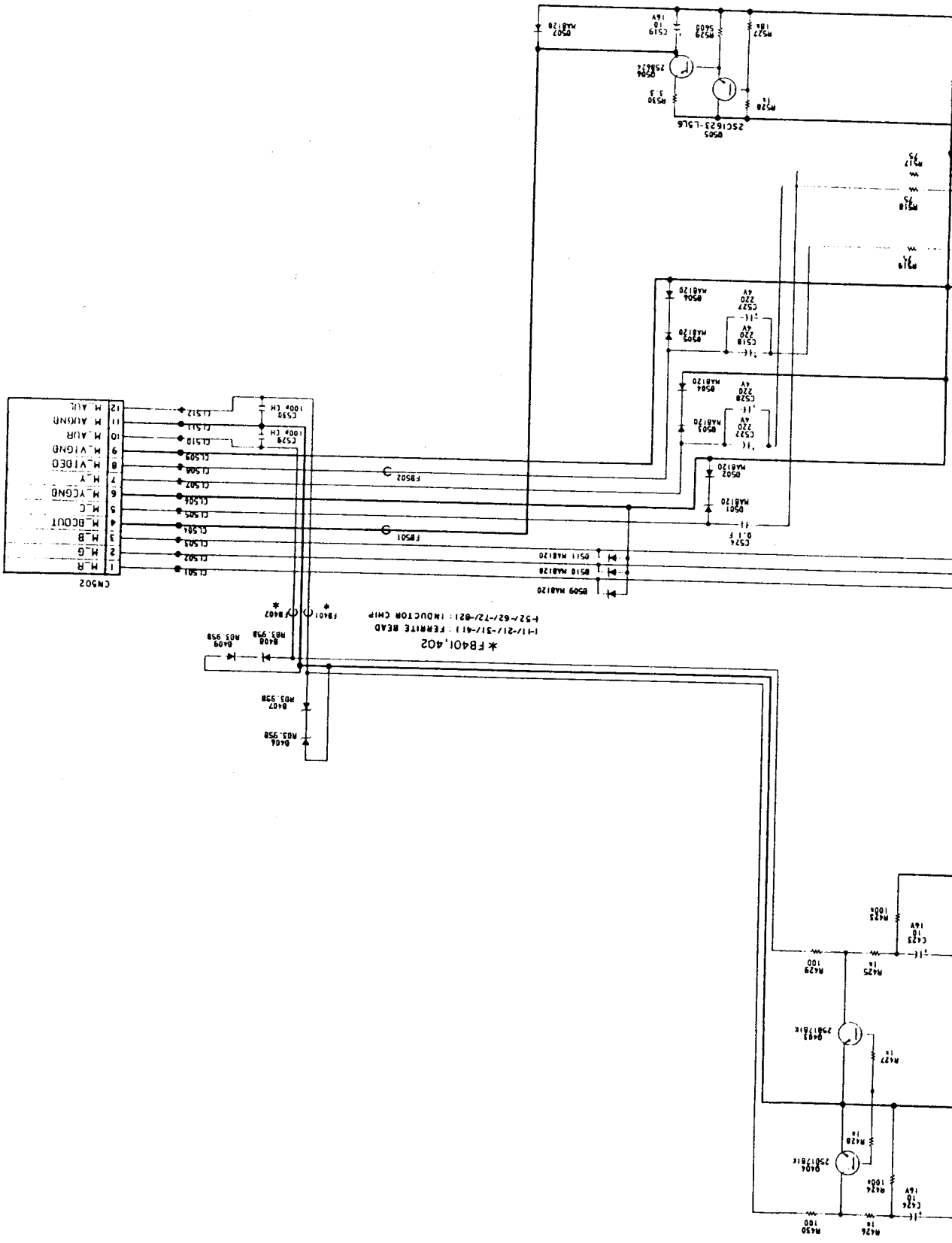




9 10 11 12 13 14 15 16

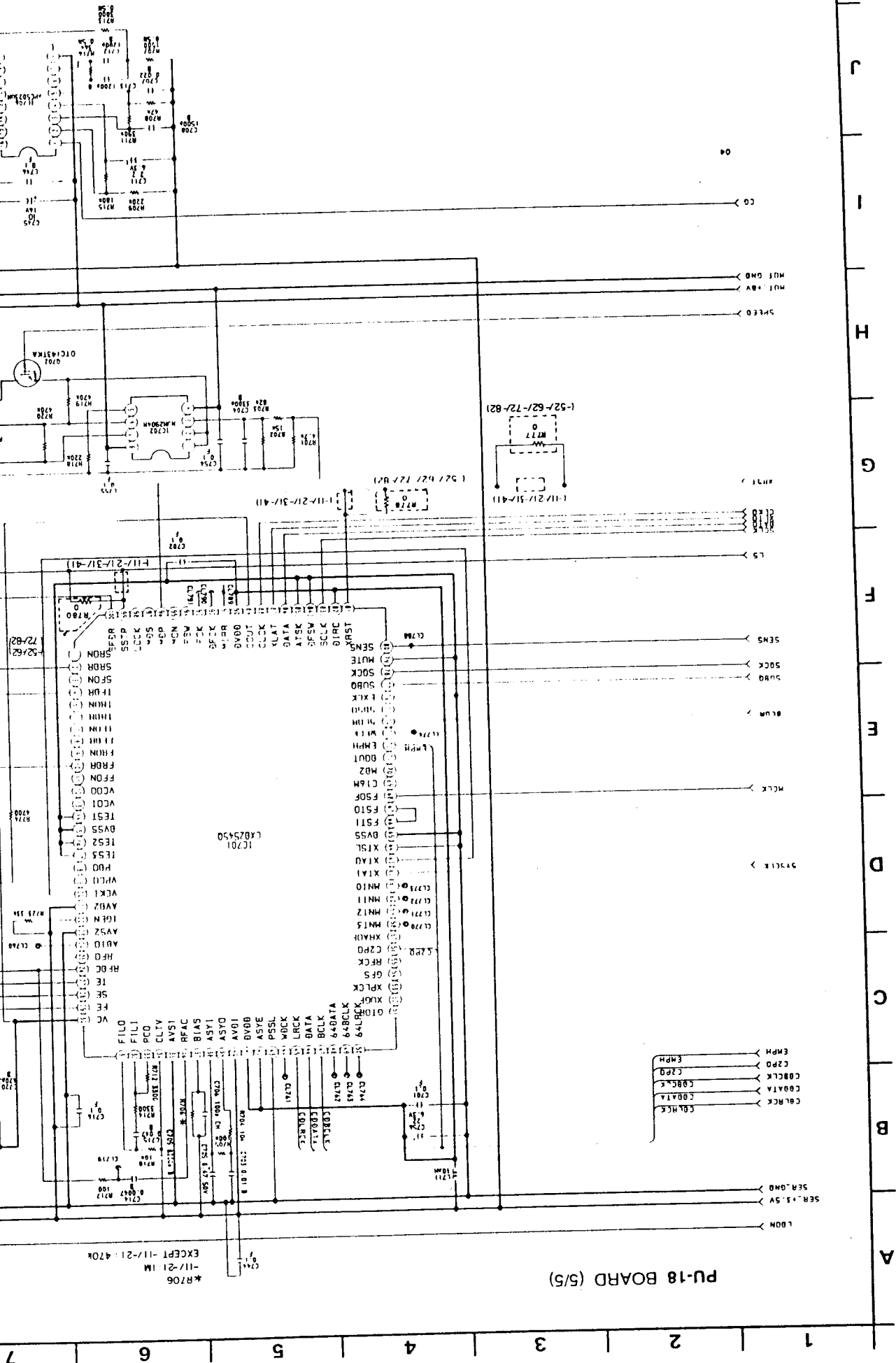






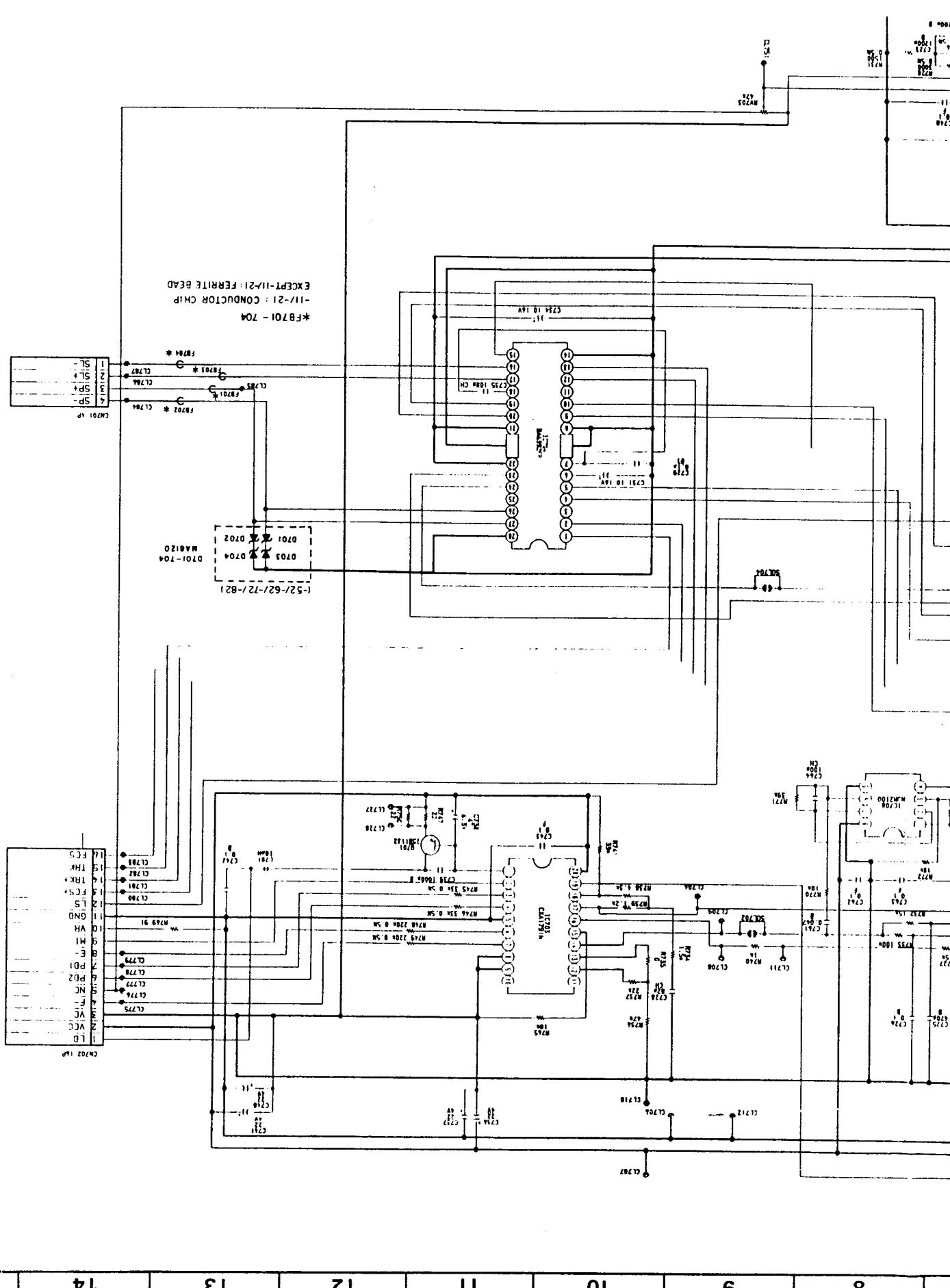
14  
15  
16  
17  
18  
19  
20  
21

3-10. SCHEMATIC DIAGRAM (PU-18 (-11/-21 • -31/-41 • -52/-62 • -72/-82) BOARD (S/5))



PU-18 BOARD (S/5)

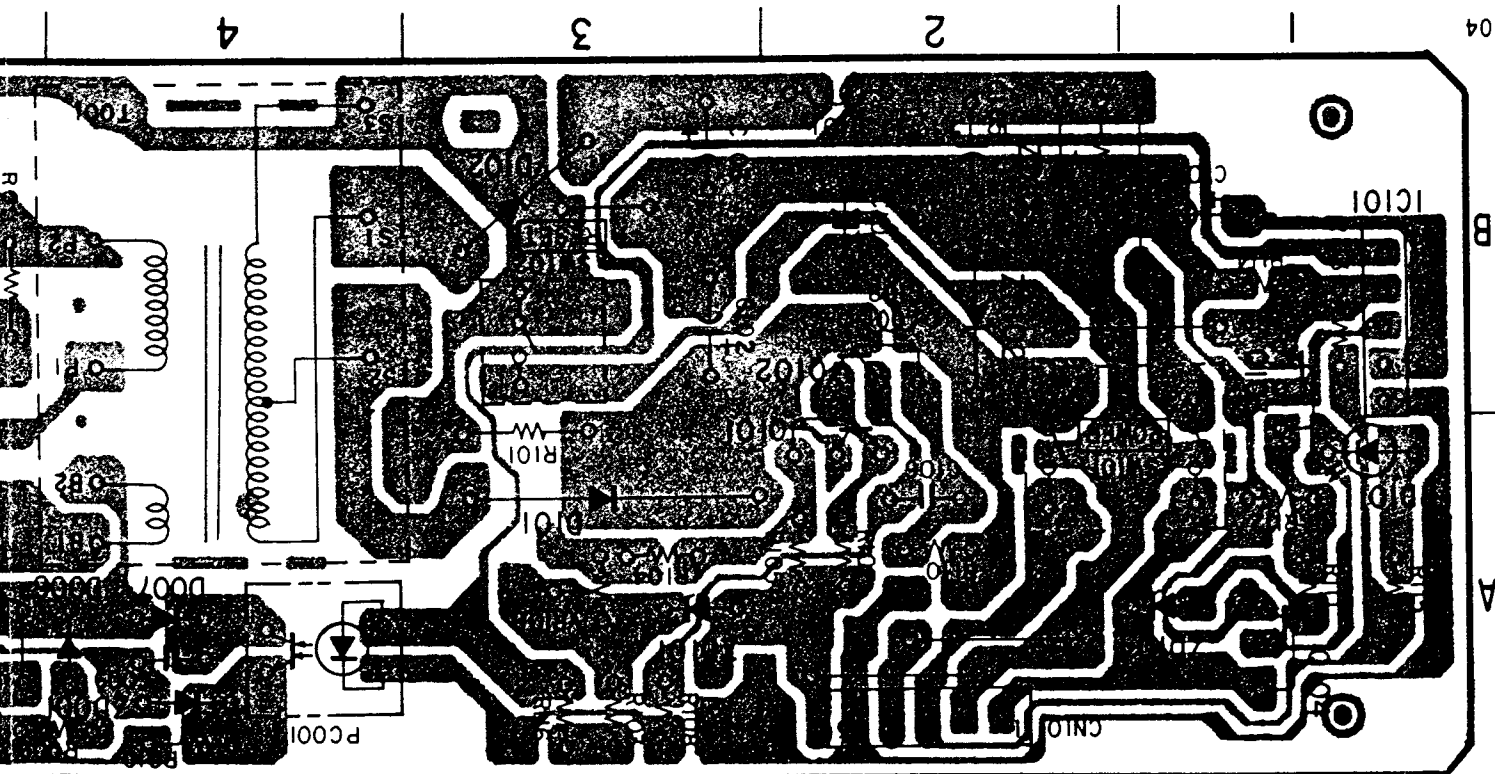
\*R706  
-11/-21 1M  
EXCEPT -11/-21: 470K



14	13	12	11	10	9	8
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3-11. PRINTED WIRING BOARD (POWER BLOCK (1-468-176-11))

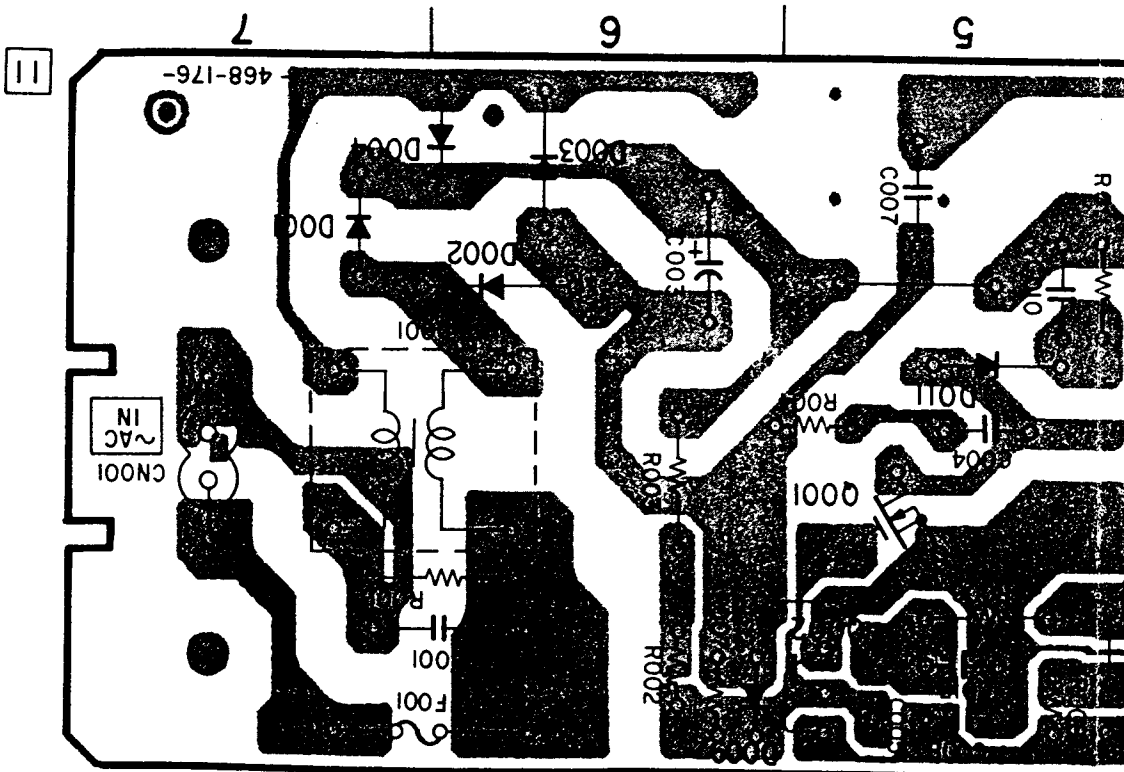
POWER BLOCK (SCPH-5500)



• Semiconductor Location

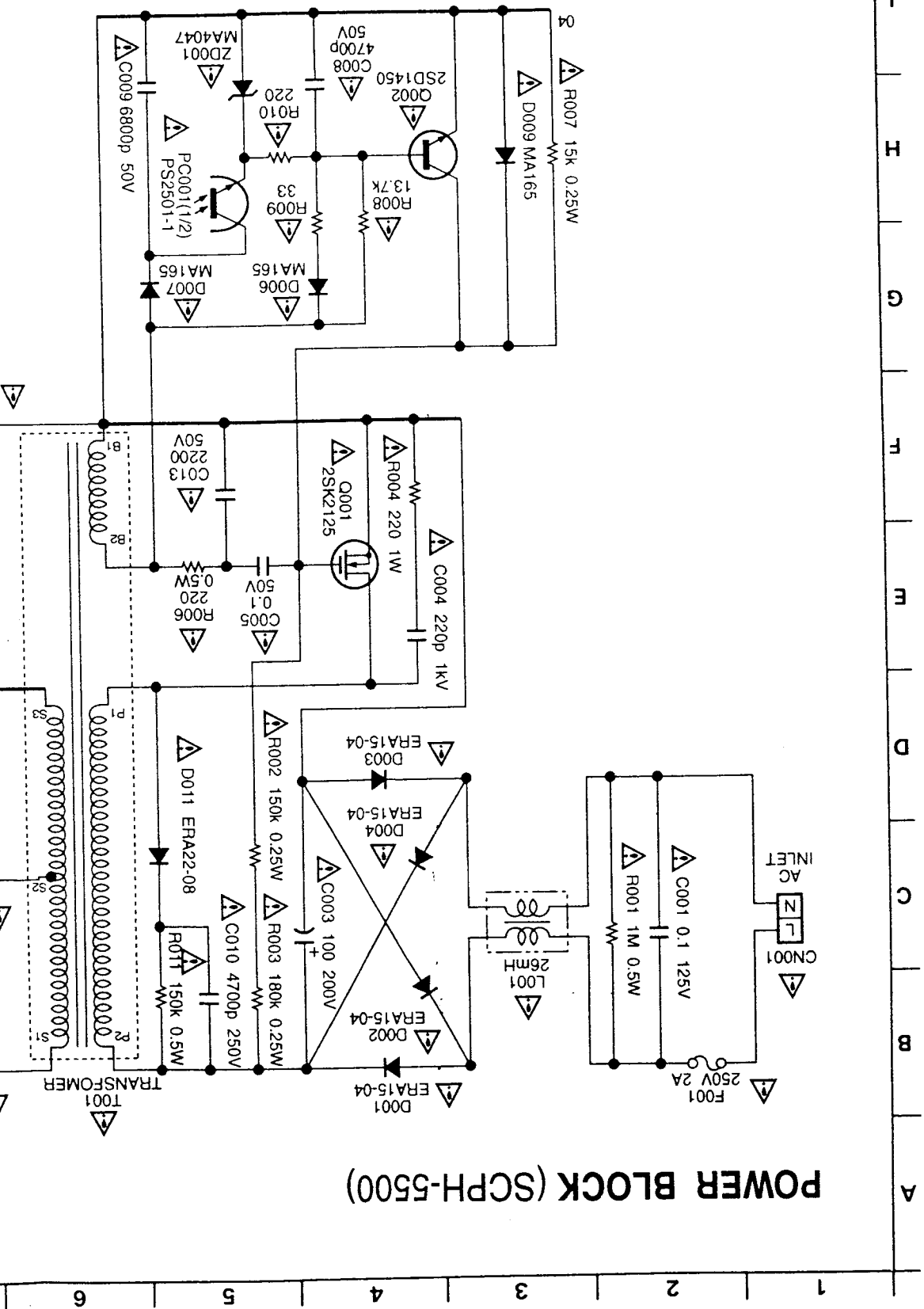
Ref. No.	Location
D001	B-7
D002	B-6
D003	B-6
D004	B-7
D006	A-4
D007	A-4
D009	A-6
D011	B-5
D101	A-3
D102	B-3
IC101	B-1
PC001	A-4
PD101	A-1
Q001	A-5
Q002	A-5
Q101	A-2
Q102	B-2
Q103	B-1
Q104	A-1
ZD001	A-4
ZD101	A-3
ZD102	B-2
ZD103	B-2
ZD104	A-1

(1-468-176-11)

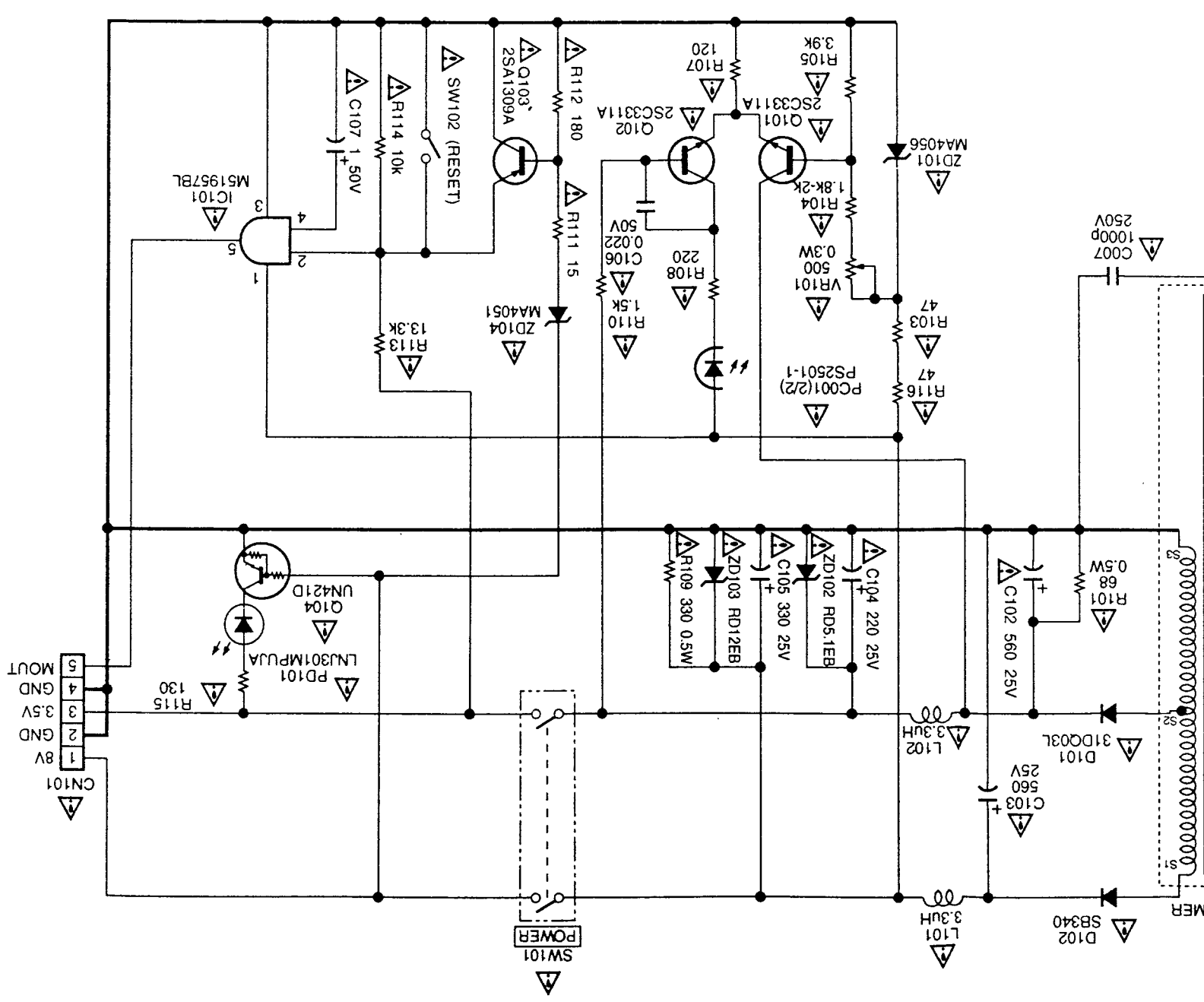


3-12. SCHEMATIC DIAGRAM (POWER BLOCK (1-468-176-11))

POWER BLOCK (SCPH-5500)



5  
7  
8  
9  
10  
11  
12  
13  
14

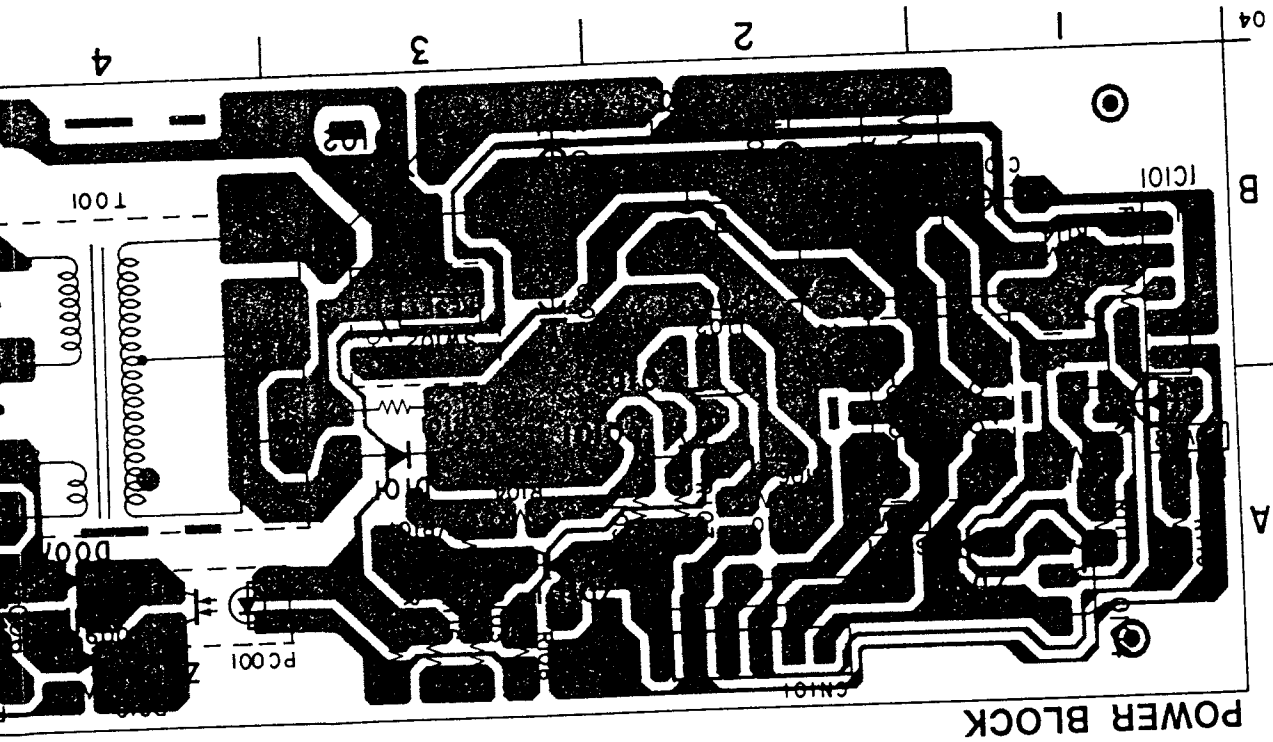


1-468-176-11

**Note:**  
The components identified by mark  $\nabla$  or dot- are critical for safety. Replace only with part number specified.

**Note:**  
Les composants identifiés par une marque  $\nabla$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



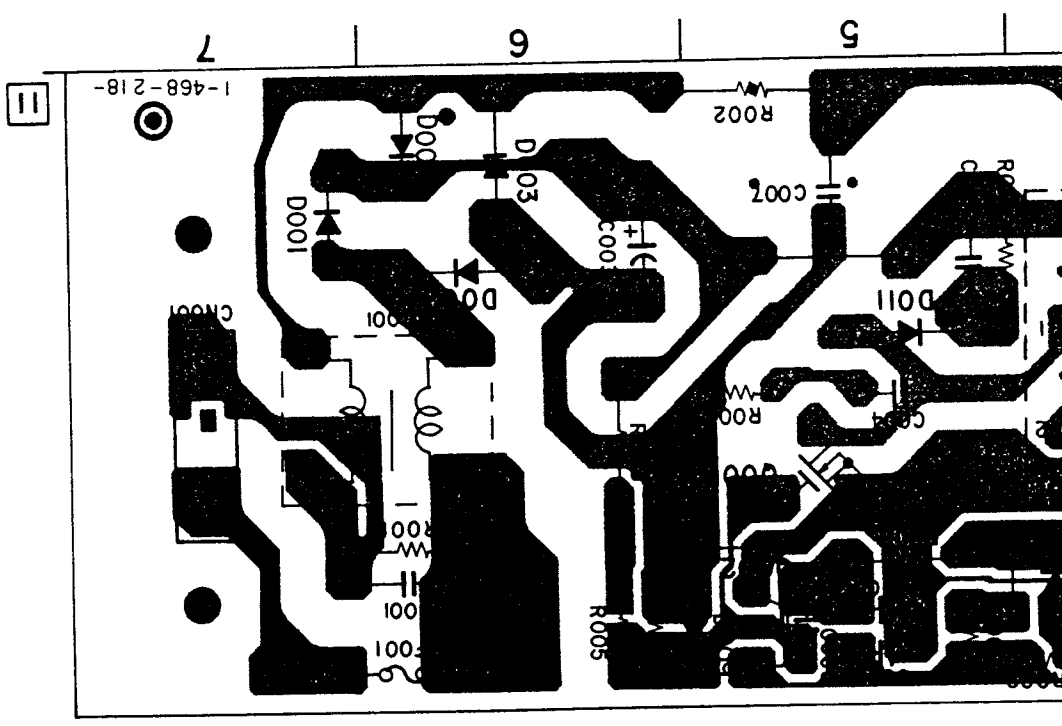


3-13. PRINTED WIRING BOARD (POWER BLOCK (1-468-218-11))

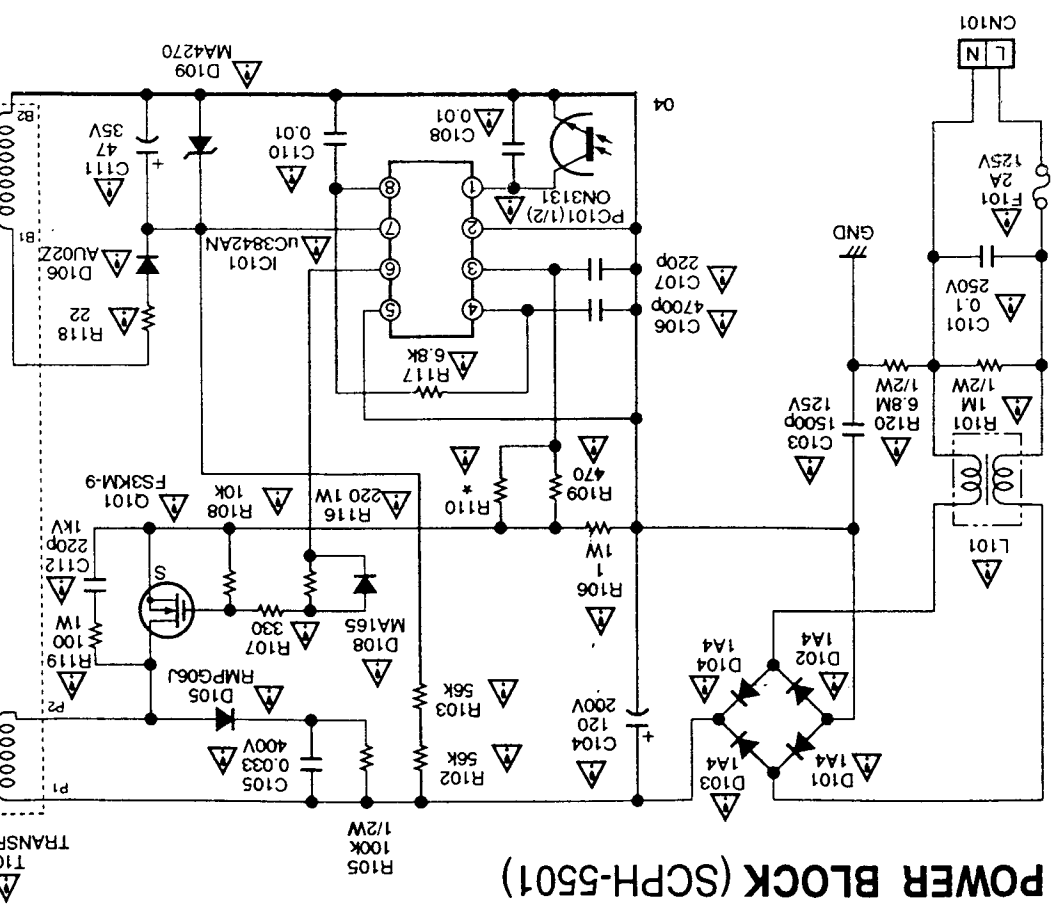
Conductor Location

No. Location

D104	A-1
D103	B-2
D102	B-2
D101	A-4
D001	A-4
004	A-1
003	B-3
002	B-2
001	A-2
002	A-5
001	A-5
D101	A-1
D001	A-4
001	B-1
002	B-3
001	A-3
002	B-5
003	A-5
004	A-4
003	B-6
002	B-6
001	B-7



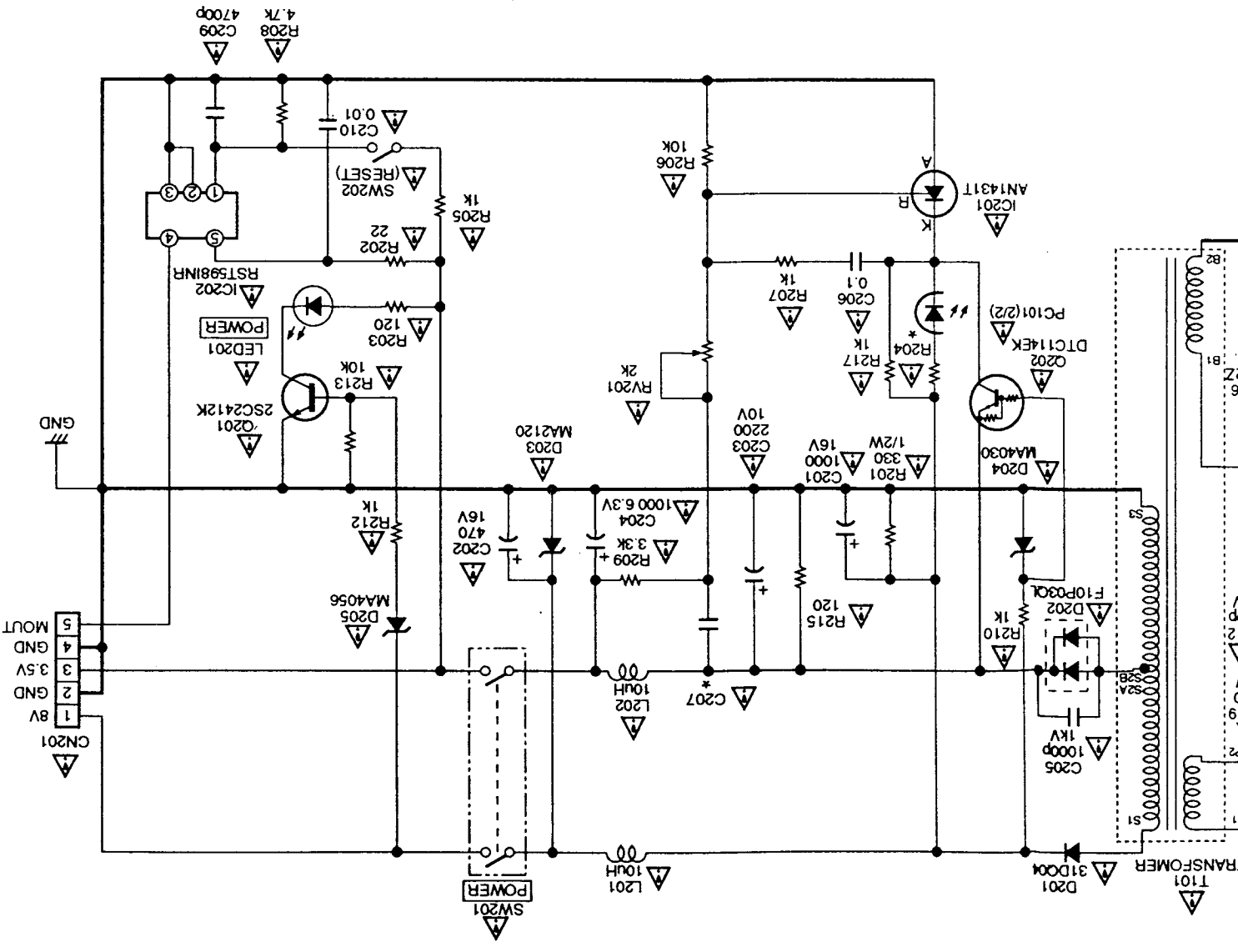
3-16. SCHEMATIC DIAGRAM (POWER BLOCK (1-468-218-21))



POWER BLOCK (SCPH-5501)

A B C D E F G H I J

14 13 12 11 10 9 8 7

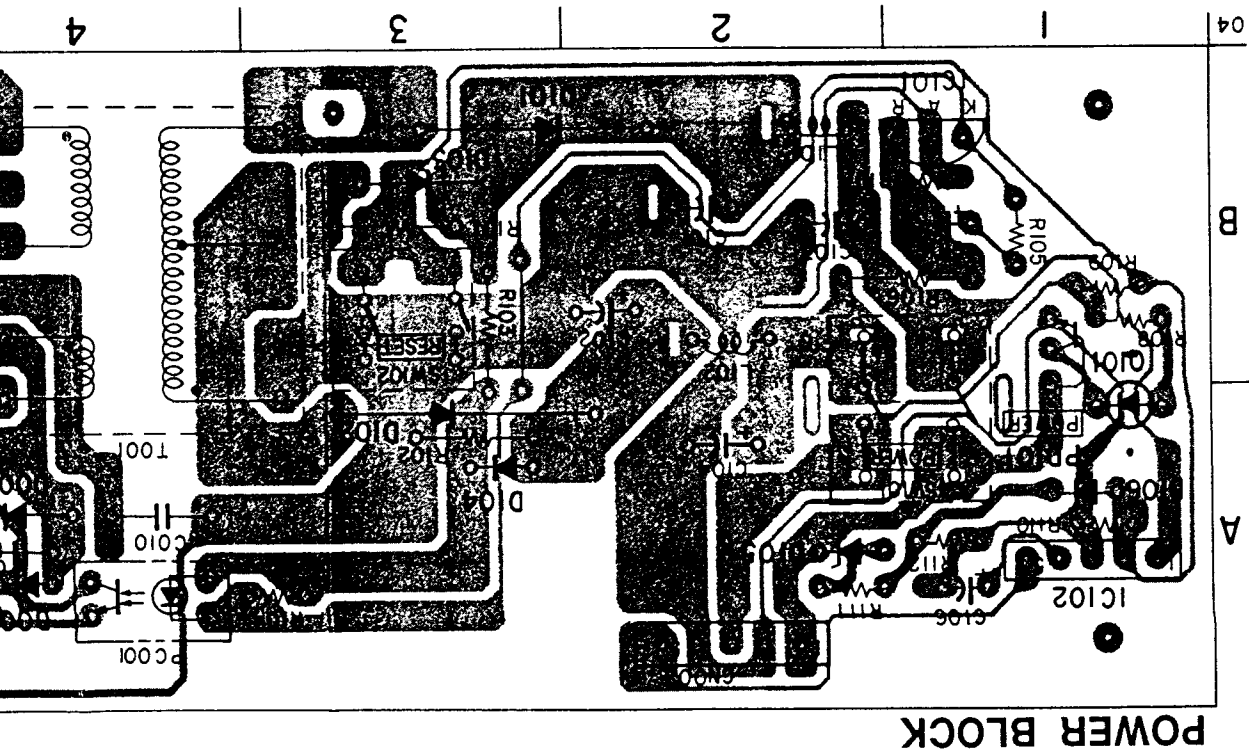


Ref. No.	MIN	TYP	MAX
*R110	1k	∞	∞
*R204	180	470	1k
*C207	NO Mount	0.22	0.22

1-468-218-21

**Note:**  
 The components identified by a red triangle or dot are critical for safety. Replace only with part number specified.

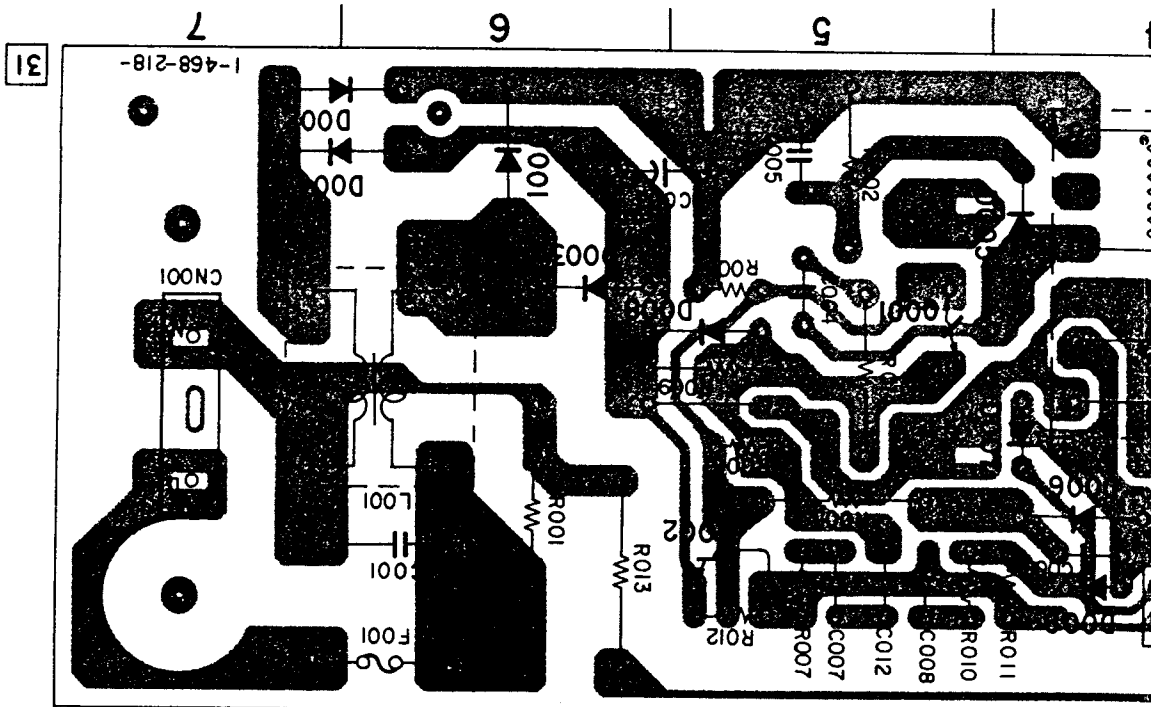
**Note:**  
 Les composants identifiés par une marque  $\blacktriangle$  ou  $\bullet$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



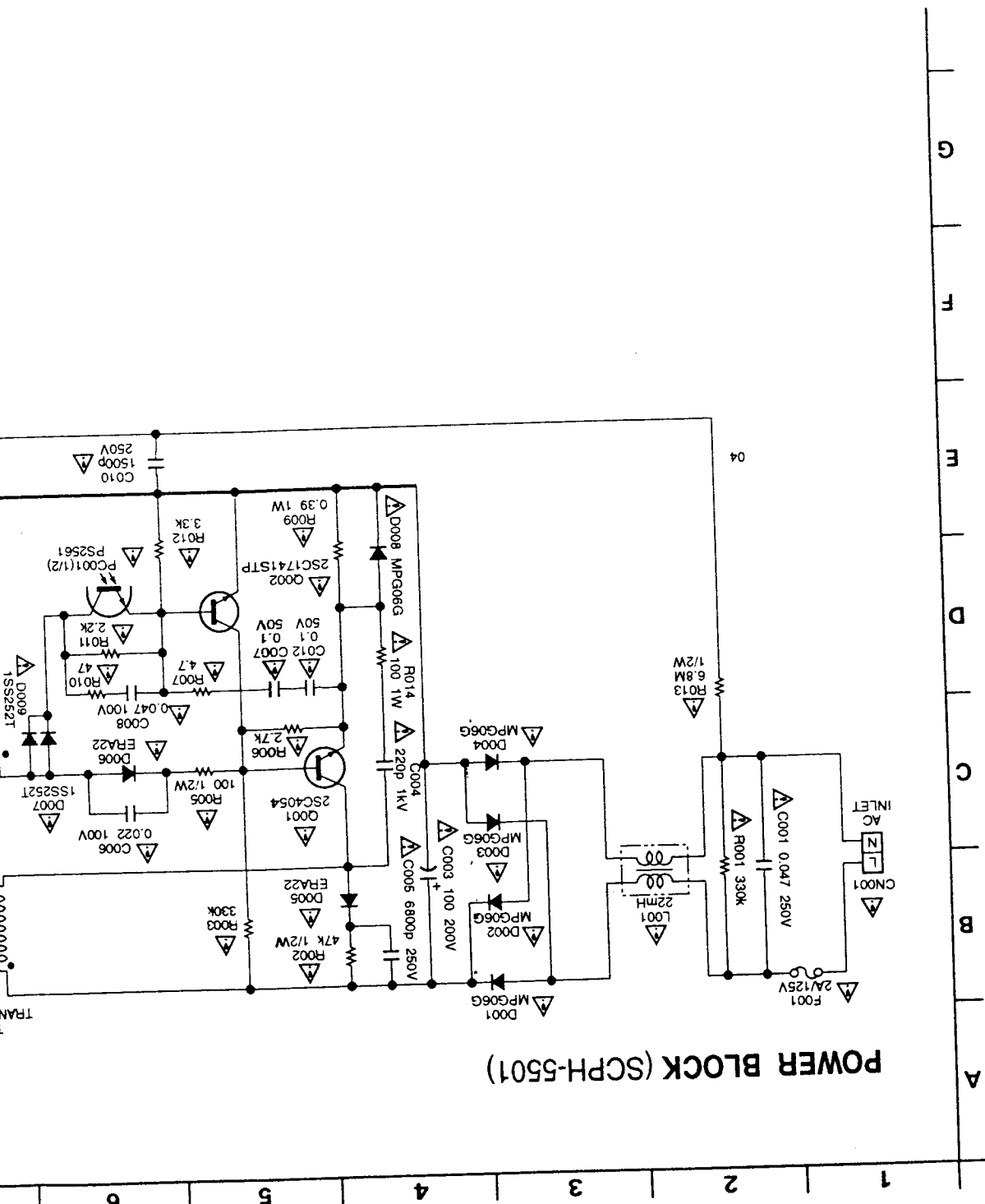
3-17. PRINTED WIRING BOARD (POWER BLOCK (1-468-218-31))

Semiconductor Location  
468-218-31

Part No.	Location
0001	B-6
0002	B-7
0003	B-6
0004	B-7
0005	B-4
0006	A-4
0007	A-4
0008	B-5
0009	A-4
0101	B-3
0102	A-3
0103	B-3
0104	A-3
0105	A-2
0106	A-1
C101	B-1
C102	A-1
PC001	A-4
PD101	A-1
0001	B-5
0002	A-5
0101	A-1



3-18. SCHEMATIC DIAGRAM (POWER BLOCK (1-468-218-31))

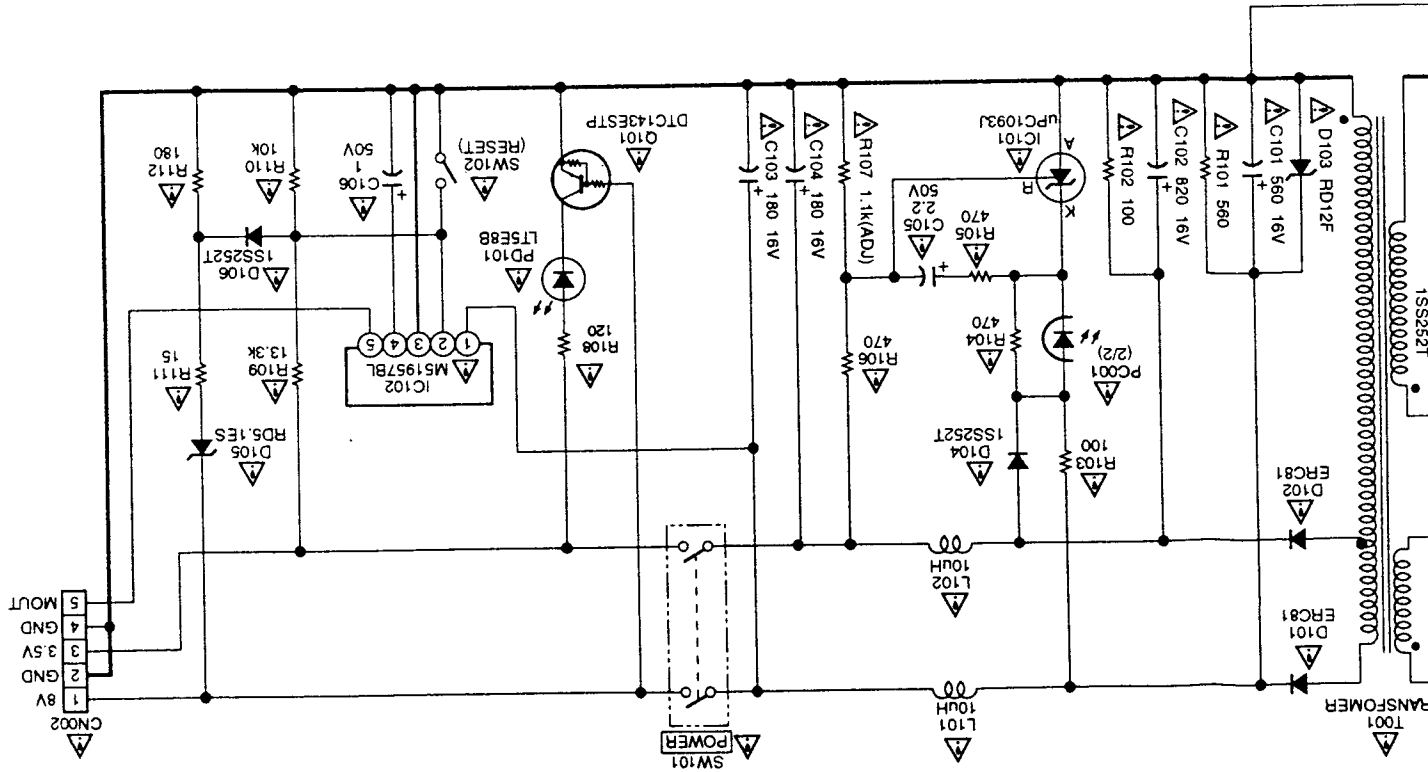


POWER BLOCK (SCPH-5501)

A B C D E F G

1 2 3 4 5 6

14 13 12 11 10 9 8 7

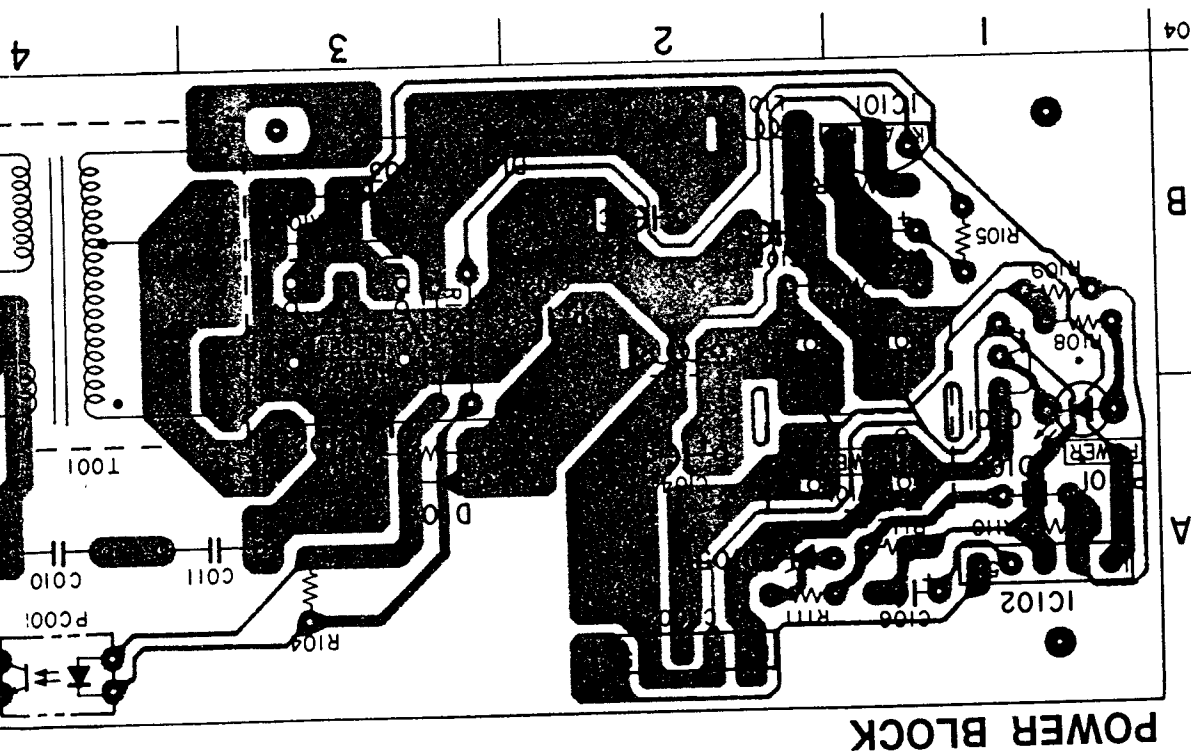


1-468-218-31

**Note:**  
 The components identified by mark  $\nabla$  or dot- $\nabla$  are critical for safety. Replace only with part number specified.

**Note:**  
 Les composants identifiés par une marque  $\nabla$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



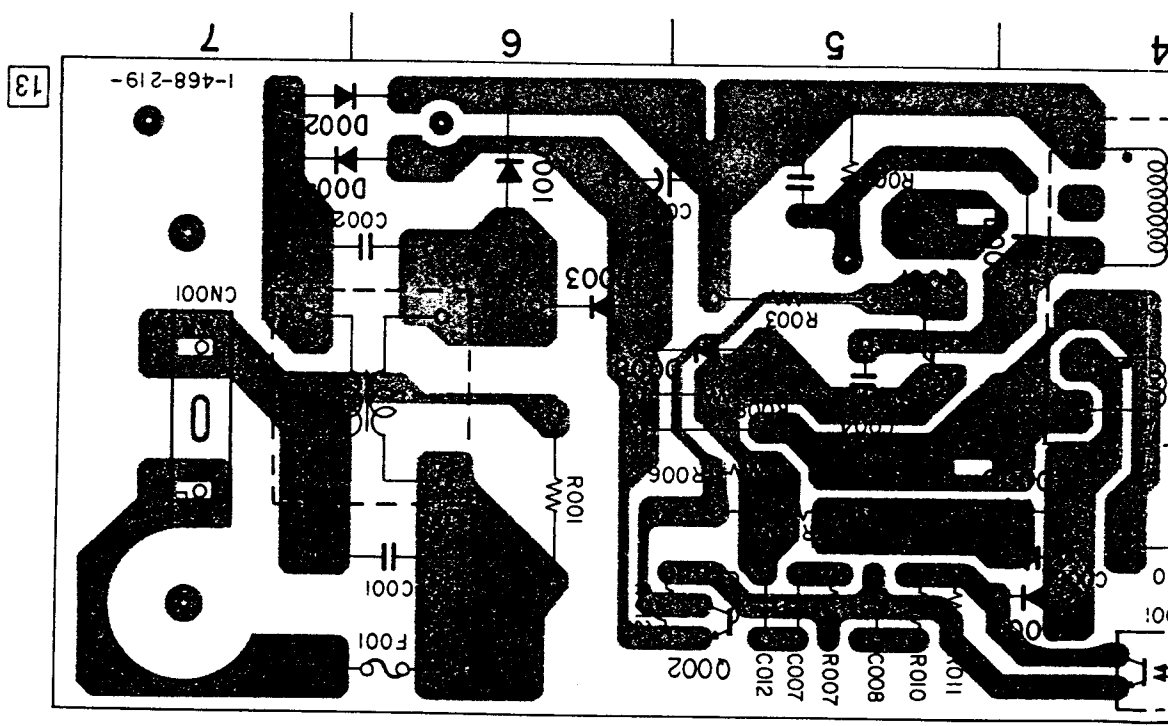


**POWER BLOCK**

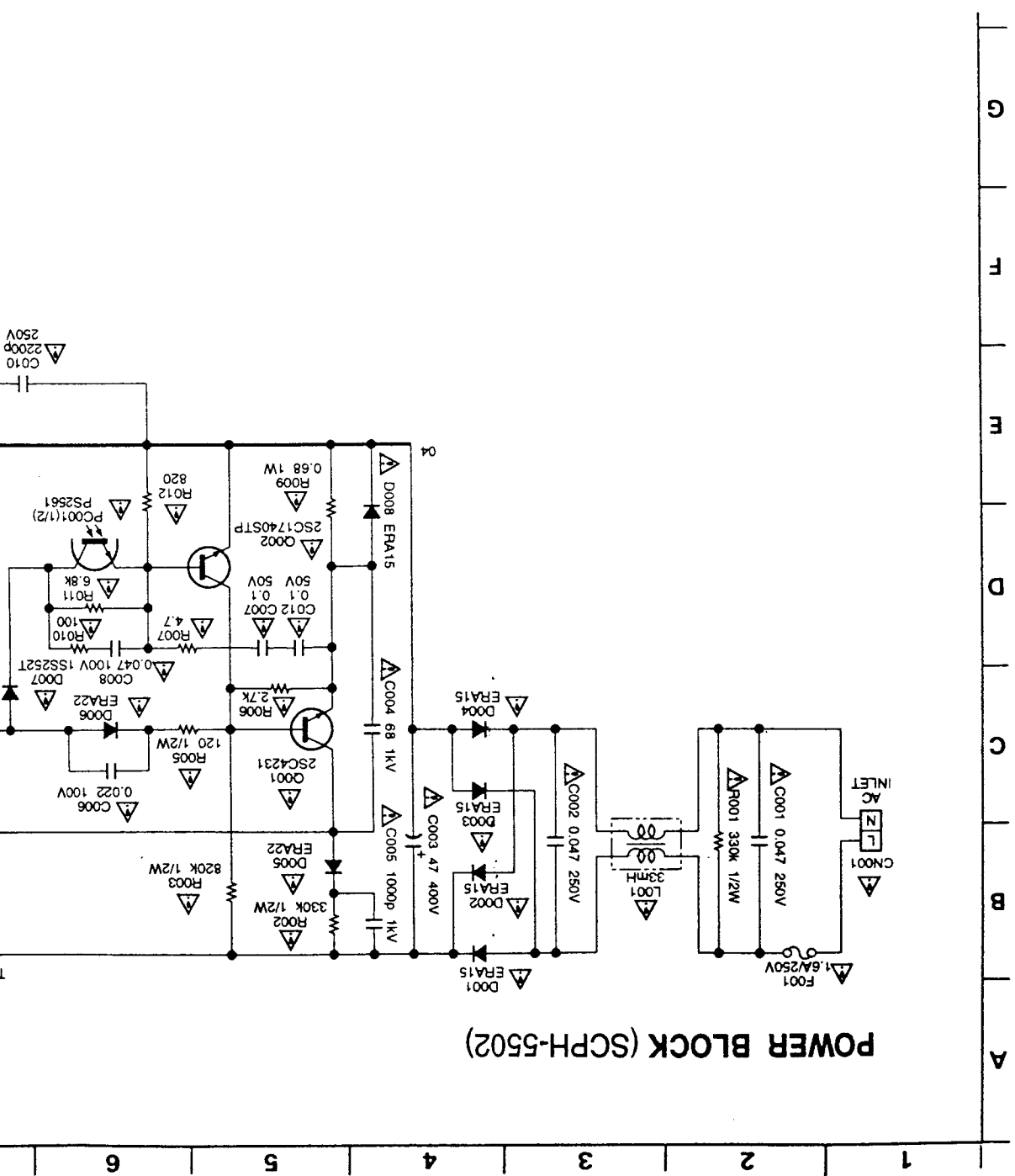
3-19. PRINTED WIRING BOARD (POWER BLOCK (1-468-219-13))

Ref. No.	Location
D001	B-6
D002	B-7
D003	B-6
D004	B-7
D005	B-4
D006	A-4
D007	A-4
D008	B-5
D101	B-3
D102	A-3
D103	B-3
D104	A-3
D105	A-2
D106	A-1
IC101	B-1
IC102	A-1
PC001	A-4
PD101	A-1
Q001	B-5
Q002	A-5
Q101	B-1

•Semiconductor Location  
(1-468-219-12)



3-20. SCHEMATIC DIAGRAM (POWER BLOCK (1-468-219-13))



POWER BLOCK (SCPH-5502)

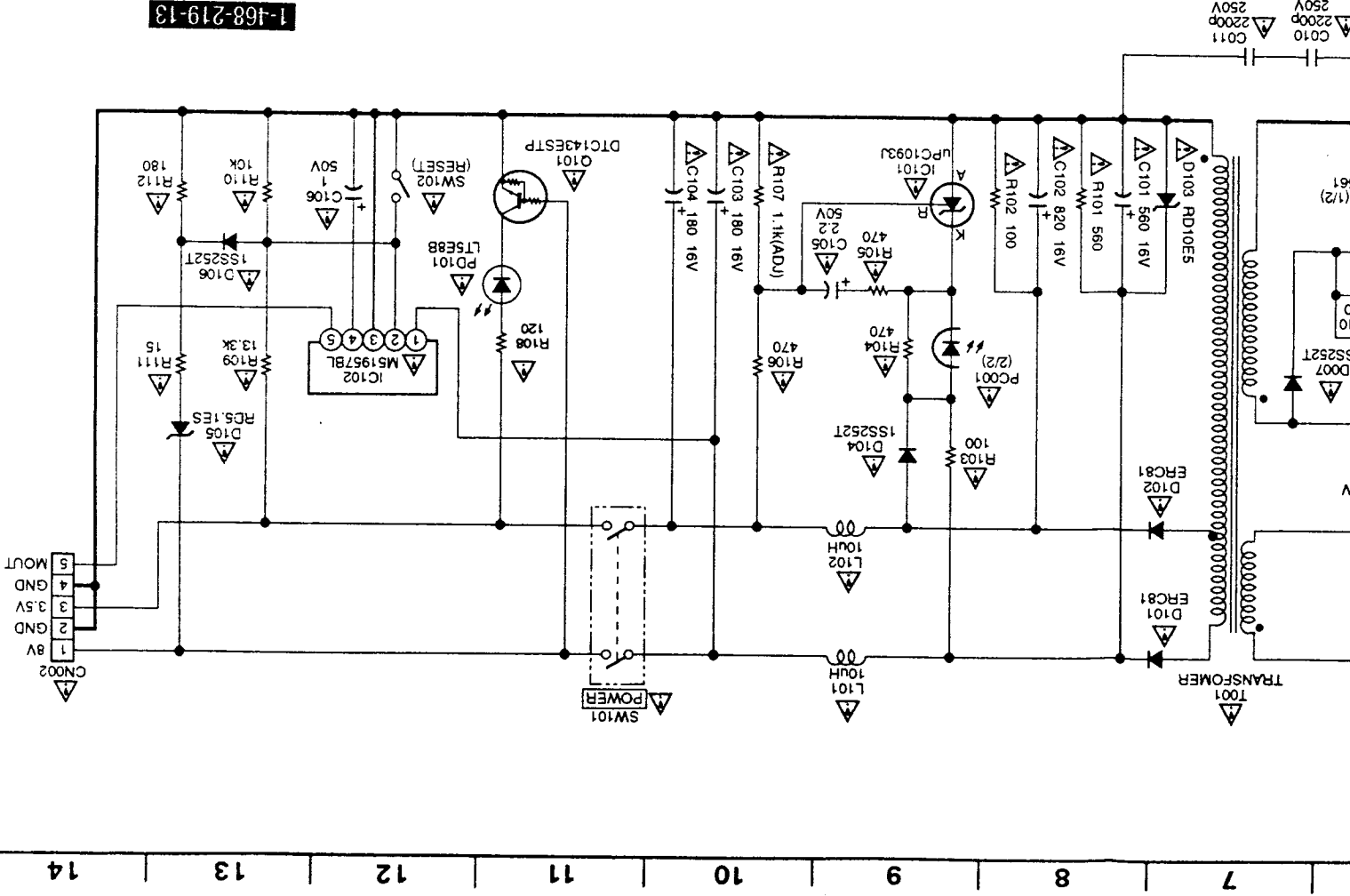
79

62

**Note:**  
 The components identified by a mark  $\nabla$  or dot- are critical for safety. Replace only with part number specified.

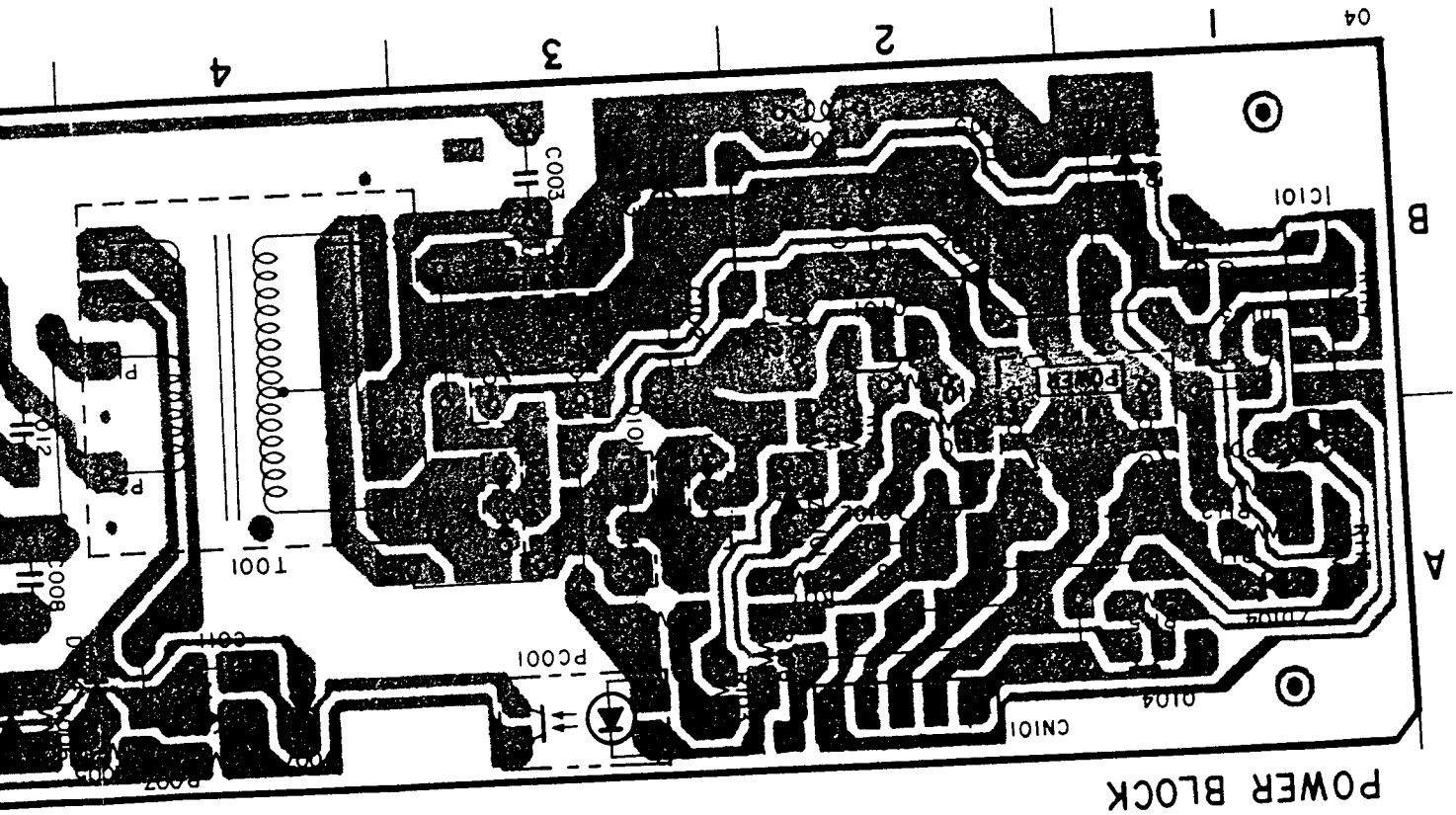
**Note:**  
 Les composants identifiés par une marque  $\nabla$  ou dot- sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

1-468-219-13

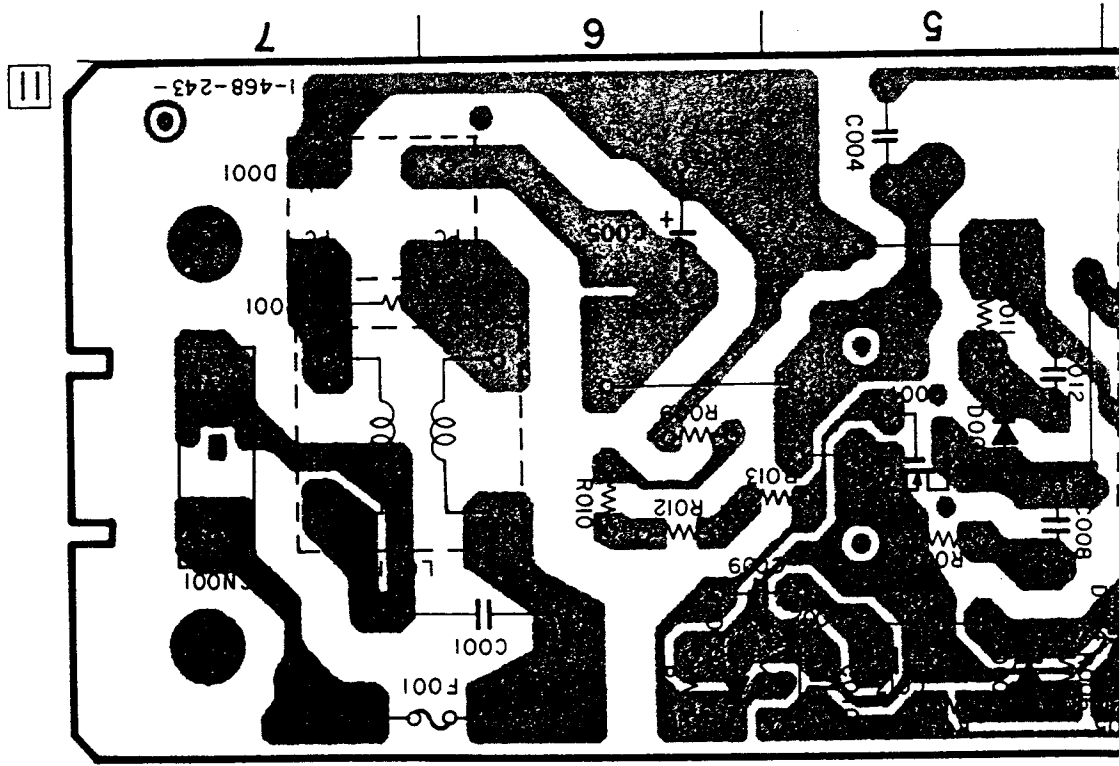


• Semiconductor Location  
(1-468-243-11)

Ref. No.	Location
D001	B-7
D003	A-6
D004	A-4
D007	A-4
D008	A-5
D101	A-3
D102	A-3
IC101	B-1
PC001	A-3
PD101	A-1
Q001	A-5
Q002	A-5
Q101	B-2
Q102	A-2
Q103	B-1
Q104	A-1
ZD001	A-4
ZD002	A-5
ZD101	A-2
ZD102	B-2
ZD103	B-1
ZD104	A-1



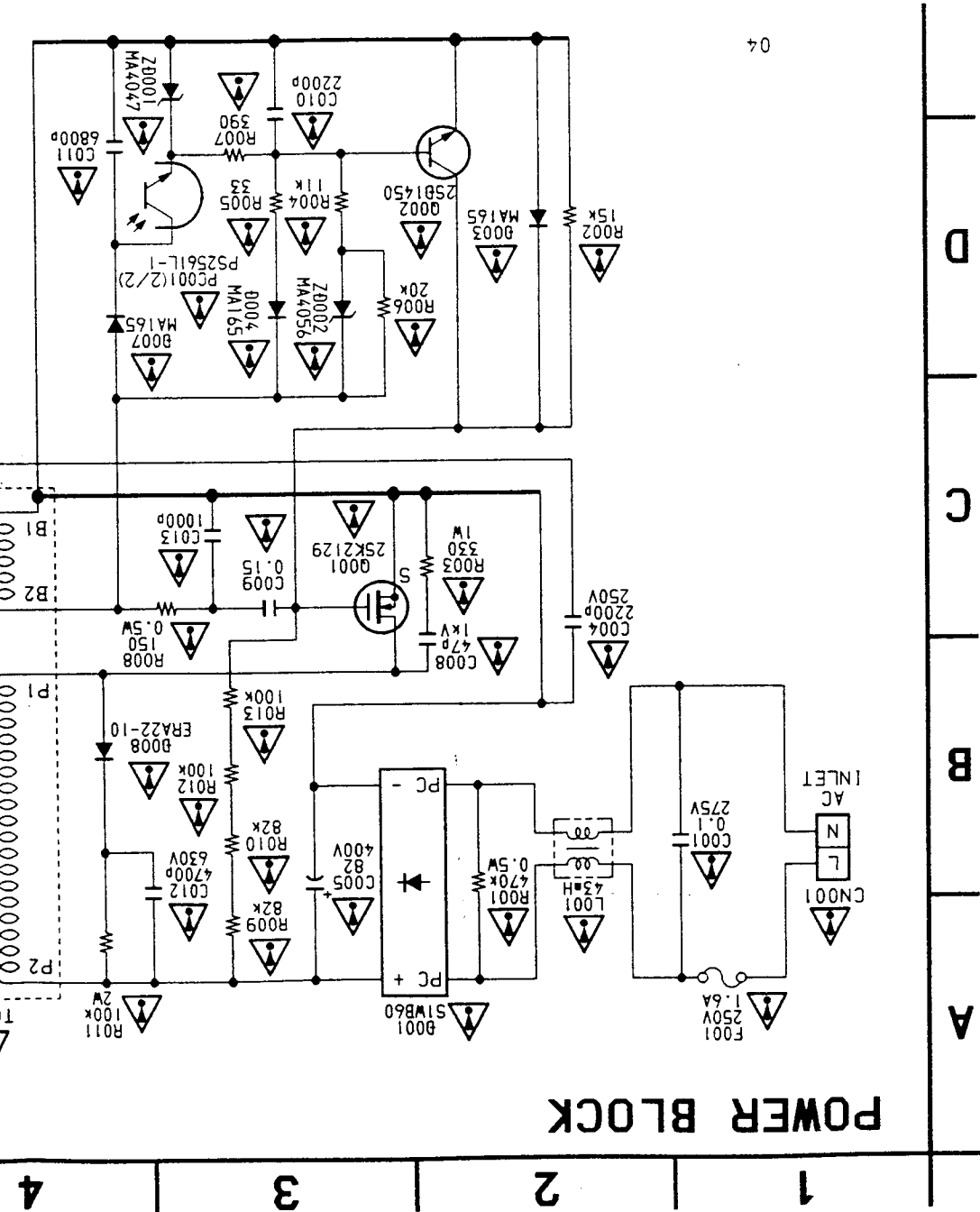
3-21. PRINTED WIRING BOARD (POWER BLOCK (1-468-243-11))





1-468-243-


11

3-22. SCHEMATIC DIAGRAM (POWER BLOCK (1-468-243-11))

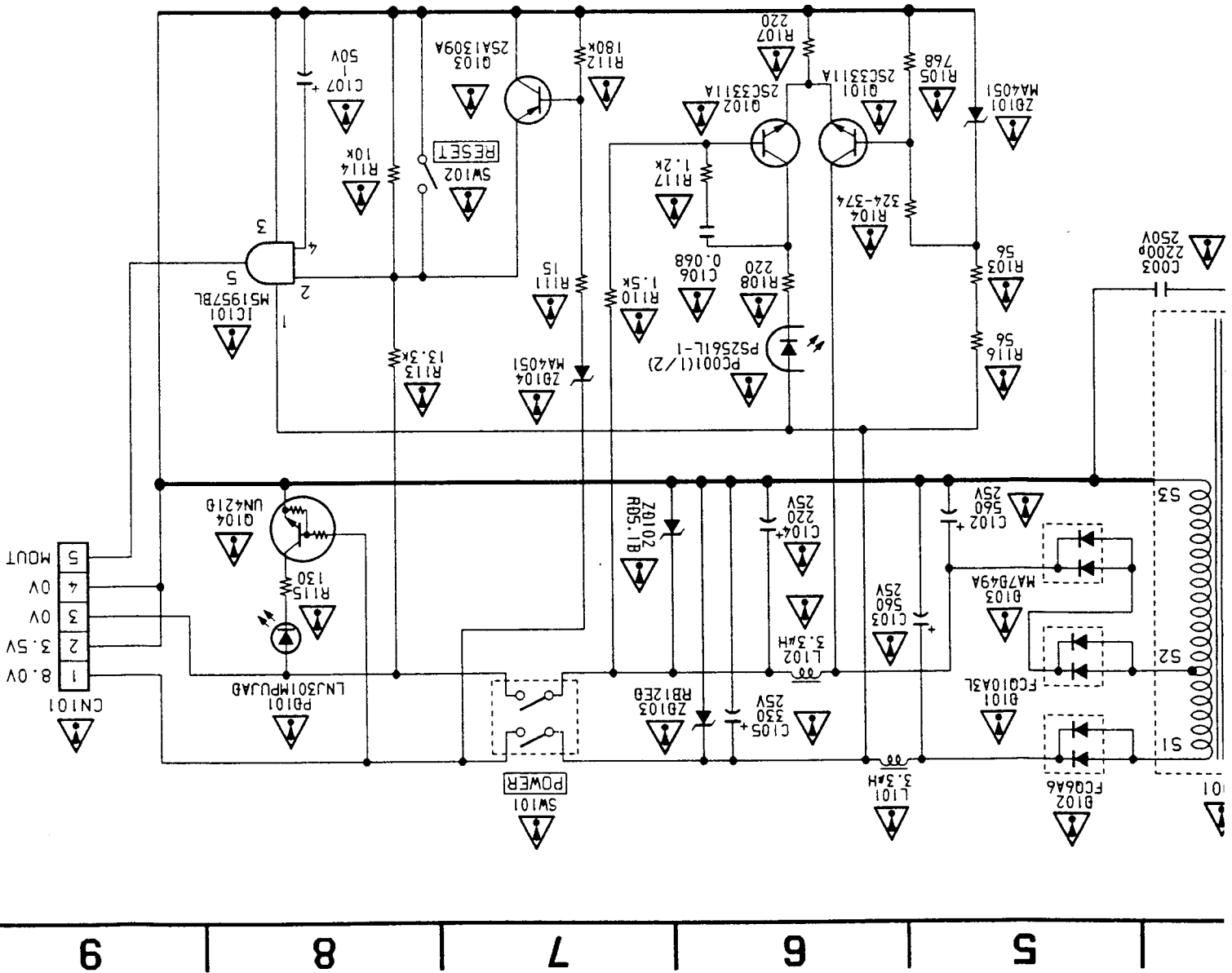


04

**Note:**  
The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

**Note:**  
Les composants identifiés par une marque  ou dot- pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

(1-468-243-11)





# PU-18 (-1)

**NOTE:**

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "\*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

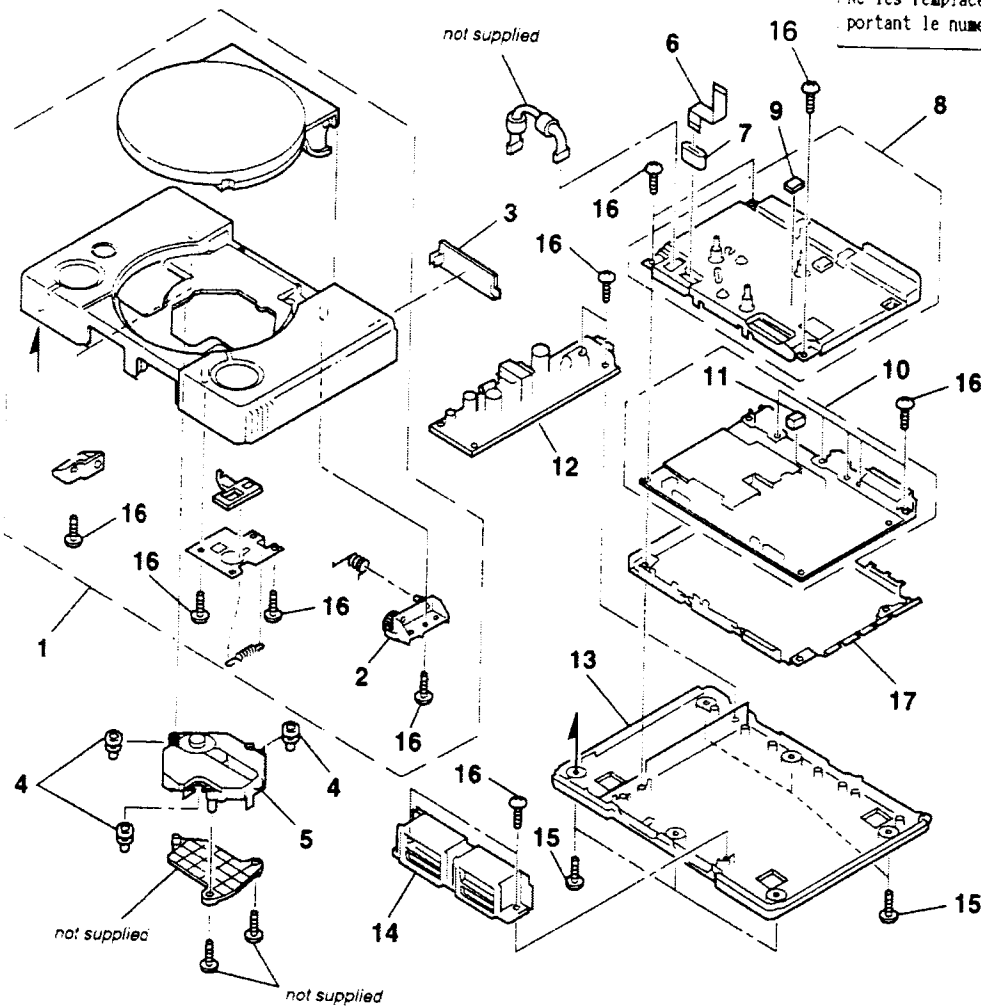
The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

**NOTE:**

- Due to standard the parts list components use
- -XX and -X me they may have original one.
- RESISTORS  
All resistors  
METAL: Metal-f  
METAL OXIDE:  
F: nonflammabl

## 4-1. MAIN BLOCK



Ref. No.	Part No.	Description	Remark
* 1	X-3947-022-1	CABINET (UPPER) ASSY	(5500)
* 1	X-3947-491-1	CABINET (UPPER) ASSY	(5501)
* 1	X-3946-784-1	CABINET (UPPER) ASSY	(5502)
* 1	X-3947-022-3	CABINET (UPPER) ASSY	(5503)
2	3-962-221-02	DAMPER, OIL	
* 3	3-962-222-03	LID, P10	(5500/5502/5503)
* 3	3-962-222-21	LID, P10	(5501)
* 4	3-965-376-01	INSULATOR	
$\Delta$ 5	8-820-011-01	PICK-UP, OPTICAL KSM-440ADM/C1N	
* 6	1-777-919-11	CABLE, FLAT (FFC-215)	
* 7	1-500-226-21	BEAD, FERRITE	
* 8	X-3947-024-2	FRAME ASSY, SUB	
* 9	3-972-494-01	CUSHION (P)	
* 10	A-6423-447-A	PU-18 BOARD, COMPLETE	(5500 : -11/-21/-52/-62)
* 10	A-6423-460-A	PU-18 BOARD, COMPLETE	(5500 : -31/-41/-72/-82)
* 10	A-6423-470-A	PU-18 BOARD, COMPLETE	(5501 : -52/-62)

Ref. No.	Part No.	Description	Remark
* 10	A-6423-491-A	PU-18 BOARD, COMPLETE	(5501 : -72/-82)
* 10	A-6423-471-A	PU-18 BOARD, COMPLETE	(5502 : -52/-62)
* 10	A-6423-490-A	PU-18 BOARD, COMPLETE	(5502 : -72/-82)
* 10	A-6423-506-A	PU-18 BOARD, COMPLETE	(5503 : -52/-62)
* 10	A-6423-507-A	PU-18 BOARD, COMPLETE	(5503 : -72/-82)
* 11	3-973-812-01	COVER, PUSH SWITCH	
* 12	1-468-176-11	POWER, BLOCK	(5500)
* 12	1-468-218-11	POWER, BLOCK	(5501)
* 12	1-468-218-21	POWER, BLOCK	(5501)
* 12	1-468-218-31	POWER, BLOCK	(5501)
* 12	1-468-219-12	POWER, BLOCK	(5502)
* 12	1-468-243-11	POWER, BLOCK	(5503)
* 13	X-3947-023-1	CABINET (LOWER) ASSY	
* 14	1-537-836-17	TERMINAL BOARD (FRONT)	
15	3-325-679-81	SCREW, TAPPING +BV 3X14	
16	7-685-648-79	SCREW, TAPPING +BV 3X12	
* 17	3-974-534-01	SHIELD (LOWER)	

Ref. No.	Part No.
*	A-6423-
*	3-973-8
* C100	1-162-9
* C101	1-162-9
* C102	1-162-9
* C103	1-162-9
* C104	1-162-9
* C105	1-162-9
* C106	1-162-9
* C108	1-162-9
* C109	1-162-9
* C110	1-162-9
* C111	1-162-9
* C112	1-164-1
* C113	1-164-1
* C114	1-164-1
* C115	1-164-1
* C116	1-164-1
C117	1-164-2
C124	1-115-1
* C125	1-162-9
* C126	1-162-9
* C127	1-162-9
* C128	1-162-9
* C129	1-162-9
* C130	1-162-9
* C131	1-162-9
* C132	1-162-9
* C133	1-162-9
* C134	1-162-9
* C135	1-162-9
C136	1-164-2
C137	1-163-2
C138	1-164-2
C139	1-164-2
C140	1-164-2
* C144	1-162-9
* C145	1-162-9
* C201	1-164-1
* C202	1-164-1

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS  
All resistors are in ohms.  
METAL: Metal-film resistor.  
METAL OXIDE: Metal oxide-film resistor.  
F: nonflammable

- Items marked "\*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS  
In each case, u:  $\mu$ , for example:  
uA...:  $\mu$ A. uPA...:  $\mu$ PA.  
uPB...:  $\mu$ PB. uPC...:  $\mu$ PC. uPD...:  $\mu$ PD.

The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

- CAPACITORS  
uF:  $\mu$ F
- COILS  
uH:  $\mu$ H

• #: Refer to page 5 for "Notice for parts replacement".

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	A-6423-447-A	PU-18 BOARD, COMPLETE *****	(5500 : -11/-21)	* C203	1-164-156-71	CERAMIC CHIP 0.1uF	25V
*	3-973-812-01	COVER, PUSH SWITCH  < CAPACITOR >		* C204	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C100	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C205	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C101	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C206	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C102	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C208	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C103	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	* C209	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C104	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C210	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C105	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C211	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V
* C106	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C212	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C108	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C213	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C109	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C214	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C110	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C215	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C111	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C216	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C112	1-164-156-71	CERAMIC CHIP 0.1uF	25V	* C217	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C113	1-164-156-71	CERAMIC CHIP 0.1uF	25V	* C218	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C114	1-164-156-71	CERAMIC CHIP 0.1uF	25V	* C219	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C115	1-164-156-71	CERAMIC CHIP 0.1uF	25V	* C220	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C116	1-164-156-71	CERAMIC CHIP 0.1uF	25V	* C221	1-164-156-71	CERAMIC CHIP 0.1uF	25V
C117	1-164-232-11	CERAMIC 0.01uF	10% 50V	* C222	1-164-156-71	CERAMIC CHIP 0.1uF	25V
C124	1-115-156-11	CERAMIC 1uF	10V	* C223	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C125	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	* C224	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C126	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	* C225	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C127	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	* C226	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C128	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	* C227	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C129	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	* C228	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C130	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	* C231	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V
* C131	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	* C232	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V
* C132	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C235	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V
* C133	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	C237	1-216-864-11	CONDUCTOR, CHIP	#
* C134	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	C238	1-164-232-11	CERAMIC 0.01uF	10% 50V
* C135	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	C239	1-163-275-11	CERAMIC 1000PF	5% 50V
C136	1-164-232-11	CERAMIC 0.01uF	10% 50V	C240	1-164-232-11	CERAMIC 0.01uF	10% 50V
C137	1-163-275-11	CERAMIC 1000PF	5% 50V	* C241	1-164-232-11	CERAMIC 0.01uF	10% 50V
C138	1-164-232-11	CERAMIC 0.01uF	10% 50V	C242	1-164-232-11	CERAMIC 0.01uF	10% 50V
C139	1-164-232-11	CERAMIC 0.01uF	10% 50V	C243	1-164-232-11	CERAMIC 0.01uF	10% 50V
C140	1-164-232-11	CERAMIC 0.01uF	10% 50V	* C244	1-162-927-71	CERAMIC CHIP 100PF	5% 50V
* C144	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C245	1-162-927-71	CERAMIC CHIP 100PF	5% 50V
* C145	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C304	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C201	1-164-156-71	CERAMIC CHIP 0.1uF	25V	* C305	1-164-156-71	CERAMIC CHIP 0.1uF	25V
* C202	1-164-156-71	CERAMIC CHIP 0.1uF	25V	* C306	1-164-156-71	CERAMIC CHIP 0.1uF	25V
				* C307	1-164-156-71	CERAMIC CHIP 0.1uF	25V
				* C310	1-164-156-71	CERAMIC CHIP 0.1uF	25V
				* C314	1-164-156-71	CERAMIC CHIP 0.1uF	25V
				* C315	1-164-156-71	CERAMIC CHIP 0.1uF	25V

Ref. No.	Part No.	Description	Remark
C316	1-164-232-11	CERAMIC CHIP	0.01uF
C319	1-115-156-11	CERAMIC CHIP	1uF
* C323	1-164-156-71	CERAMIC CHIP	0.1uF
C324	1-115-156-11	CERAMIC CHIP	1uF
C325	1-126-205-11	ELECT	47uF
* C326	1-164-156-71	CERAMIC CHIP	0.1uF
* C327	1-115-156-11	CERAMIC CHIP	1uF
* C401	1-164-156-71	CERAMIC CHIP	0.1uF
* C402	1-164-156-71	CERAMIC CHIP	0.1uF
* C403	1-164-156-71	CERAMIC CHIP	0.1uF
* C405	1-164-156-71	CERAMIC CHIP	0.1uF
C406	1-128-004-11	ELECT CHIP	10uF
* C407	1-128-004-11	ELECT CHIP	10uF
* C408	1-164-156-71	CERAMIC CHIP	0.1uF
C423	1-128-004-11	ELECT CHIP	10uF
C424	1-128-004-11	ELECT CHIP	10uF
* C432	1-164-156-71	CERAMIC CHIP	0.1uF
C433	1-124-778-00	ELECT	22uF
C434	1-164-232-11	CERAMIC	0.01uF
C444	1-164-232-11	CERAMIC	0.01uF
C445	1-164-232-11	CERAMIC	0.01uF
C501	1-162-910-11	CERAMIC CHIP	5pF
C502	1-162-923-11	CERAMIC CHIP	47pF
* C504	1-164-156-71	CERAMIC CHIP	0.1uF
* C505	1-164-156-71	CERAMIC CHIP	0.1uF
* C506	1-164-156-71	CERAMIC CHIP	0.1uF
* C507	1-164-156-71	CERAMIC CHIP	0.1uF
C508	1-126-205-11	ELECT	47uF
* C509	1-164-156-71	CERAMIC CHIP	0.1uF
* C510	1-164-156-71	CERAMIC CHIP	0.1uF
C511	1-128-004-11	ELECT CHIP	10uF
* C512	1-164-156-71	CERAMIC CHIP	0.1uF
C513	1-126-206-11	ELECT	100uF
C518	1-126-246-11	ELECT	220uF
C519	1-128-004-11	ELECT CHIP	10uF
C522	1-126-246-11	ELECT	220uF
C523	1-164-480-11	CERAMIC CHIP	62pF
* C524	1-164-156-71	CERAMIC CHIP	0.1uF
C527	1-126-246-11	ELECT	220uF
C528	1-126-246-11	ELECT	220uF
* C529	1-162-927-71	CERAMIC CHIP	100pF
* C530	1-162-927-71	CERAMIC CHIP	100pF
C601	1-126-204-11	ELECT	47uF
C602	1-126-246-11	ELECT	220uF
C605	1-126-204-11	ELECT	47uF
C606	1-164-232-11	CERAMIC	0.01uF
* C607	1-164-156-71	CERAMIC CHIP	0.1uF
C608	1-164-156-71	CERAMIC CHIP	0.1uF
C609	1-164-232-11	CERAMIC	0.01uF
C611	1-128-004-11	ELECT CHIP	10uF
C615	1-104-851-11	TANTLUM CHIP	10uF
C616	1-124-778-00	ELECT	22uF
C617	1-104-908-11	TANTLUM CHIP	47uF
* C620	1-162-964-11	CERAMIC CHIP	1000pF

Ref. No.	Part No.	Description	Remark
C621	1-115-156-11	CERAMIC CHIP	1uF
* C622	1-162-964-11	CERAMIC CHIP	1000pF
C624	1-128-004-11	ELECT CHIP	10uF
C625	1-164-232-11	CERAMIC	0.01uF
C626	1-164-232-11	CERAMIC	0.01uF
* C701	1-164-156-71	CERAMIC CHIP	0.1uF
* C702	1-164-156-71	CERAMIC CHIP	0.1uF
C703	1-162-970-11	CERAMIC CHIP	0.01uF
C704	1-126-191-11	ELECT	0.47uF
* C705	1-126-191-11	ELECT	0.47uF
* C706	1-162-927-71	CERAMIC CHIP	100pF
C707	1-164-227-11	CERAMIC CHIP	0.022uF
C708	1-162-965-11	CERAMIC CHIP	1500pF
C709	1-164-174-11	CERAMIC CHIP	8200pF
C711	1-135-149-21	TANTLUM CHIP	2.2uF
C712	1-164-730-11	CERAMIC CHIP	1200pF
C713	1-164-730-11	CERAMIC CHIP	1200pF
C714	1-162-968-11	CERAMIC CHIP	4700pF
C715	1-165-176-11	CERAMIC CHIP	0.047uF
* C716	1-164-156-71	CERAMIC CHIP	0.1uF
C719	1-165-176-11	CERAMIC CHIP	0.047uF
C720	1-162-962-11	CERAMIC CHIP	470pF
C721	1-162-962-11	CERAMIC CHIP	470pF
C722	1-164-730-11	CERAMIC CHIP	470pF
C723	1-164-730-11	CERAMIC CHIP	1200pF
C724	1-107-826-11	CERAMIC CHIP	0.1uF
C725	1-162-962-11	CERAMIC CHIP	470pF
C726	1-107-826-11	CERAMIC CHIP	0.1uF
C728	1-162-926-11	CERAMIC CHIP	82pF
* C729	1-164-156-71	CERAMIC CHIP	0.1uF
C731	1-128-004-11	ELECT CHIP	10uF
C734	1-128-004-11	ELECT CHIP	10uF
* C735	1-162-927-71	CERAMIC CHIP	100pF
C736	1-104-847-11	TANTLUM CHIP	22uF
C737	1-104-847-11	TANTLUM CHIP	22uF
C738	1-126-205-11	ELECT	47uF
* C739	1-162-964-11	CERAMIC CHIP	1000pF
C740	1-104-847-11	TANTLUM CHIP	22uF
C741	1-104-847-11	TANTLUM CHIP	22uF
C742	1-107-826-11	CERAMIC CHIP	0.1uF
* C743	1-164-156-71	CERAMIC CHIP	0.1uF
* C744	1-164-156-71	CERAMIC CHIP	0.1uF
C745	1-128-004-11	ELECT CHIP	10uF
* C746	1-164-156-71	CERAMIC CHIP	0.1uF
* C748	1-164-156-71	CERAMIC CHIP	0.1uF
* C754	1-164-156-71	CERAMIC CHIP	0.1uF
* C755	1-164-156-71	CERAMIC CHIP	0.1uF
C756	1-124-778-00	ELECT	22uF
C761	1-165-176-11	CERAMIC CHIP	0.047uF
* C762	1-164-156-71	CERAMIC CHIP	0.1uF
* C763	1-164-156-71	CERAMIC CHIP	0.1uF
* C764	1-162-927-71	CERAMIC CHIP	100pF

PU-18 (-11/-21)

**PU-18 (-11/-21)**

Ref. No.	Part No.	Description	Remark
< CONNECTOR >			
CN102	1-770-305-11	CONNECTOR, FFC/FPC (LIF(NON-ZIF)) 10P	
* CN103	1-770-129-11	CONNECTOR, SQUARE 68P	
* CN104	1-779-028-11	CONNECTOR, SQUARE 8P	
* CN502	1-779-029-11	CONNECTOR, SQUARE 12P	
CN602	1-766-278-11	PIN, CONNECTOR (PC BOARD) 5P	
CN701	1-573-290-21	PIN, CONNECTOR (1.5mm) (SMD) 4P	
CN702	1-779-071-21	CONNECTOR, FFC/FPC (LIF(NON-ZIF)) 16P	

Ref. No.	Part No.	Description	Remark
< DIODE >			
D101	8-719-036-80	DIODE RD3. 9SB-T1	
D102	8-719-036-80	DIODE RD3. 9SB-T1	
D103	8-719-036-80	DIODE RD3. 9SB-T1	
D104	8-719-036-80	DIODE RD3. 9SB-T1	
D105	8-719-036-80	DIODE RD3. 9SB-T1	
D106	8-719-036-80	DIODE RD3. 9SB-T1	
D107	8-719-036-80	DIODE RD3. 9SB-T1	
D108	8-719-036-80	DIODE RD3. 9SB-T1	
D109	8-719-036-80	DIODE RD3. 9SB-T1	
D110	8-719-036-80	DIODE RD3. 9SB-T1	
D111	8-719-036-80	DIODE RD3. 9SB-T1	
D112	8-719-036-80	DIODE RD3. 9SB-T1	
D114	8-719-036-80	DIODE RD3. 9SB-T1	
D118	8-719-423-30	DIODE MA8120-TX	
D119	8-719-423-30	DIODE MA8120-TX	
D401	8-719-941-09	DIODE DAP202U	
D406	8-719-036-80	DIODE RD3. 9SB-T1	
D407	8-719-036-80	DIODE RD3. 9SB-T1	
D408	8-719-036-80	DIODE RD3. 9SB-T1	
D409	8-719-036-80	DIODE RD3. 9SB-T1	
D501	8-719-423-30	DIODE MA8120-TX	
D502	8-719-423-30	DIODE MA8120-TX	
D503	8-719-423-30	DIODE MA8120-TX	
D504	8-719-423-30	DIODE MA8120-TX	
D505	8-719-423-30	DIODE MA8120-TX	
D506	8-719-423-30	DIODE MA8120-TX	
D507	8-719-423-30	DIODE MA8120-TX	
D509	8-719-423-30	DIODE MA8120-TX	
D510	8-719-423-30	DIODE MA8120-TX	
D511	8-719-423-30	DIODE MA8120-TX	

Ref. No.	Part No.	Description	Remark
< FERRITE BEAD >			
FB102	1-500-104-21	BEAD, FERRITE (SMD)	
FB104	1-500-104-21	BEAD, FERRITE (SMD)	
FB105	1-216-176-11	CHIP 120	5% 1/8W
FB401	1-500-113-11	BEAD, FERRITE (CHIP)	
FB402	1-500-113-11	BEAD, FERRITE (CHIP)	
FB501	1-414-235-11	BEAD, FERRITE (SMD)	
FB502	1-500-113-11	BEAD, FERRITE (CHIP)	
FB601	1-414-235-11	BEAD, FERRITE (SMD)	
FB701	1-216-295-91	CONDUCTOR, CHIP	
FB702	1-216-295-91	CONDUCTOR, CHIP	

Ref. No.	Part No.	Description	Remark
FB703	1-216-295-91	CONDUCTOR, CHIP	
FB704	1-216-295-91	CONDUCTOR, CHIP	

Ref. No.	Part No.	Description	Remark
< BEAD, FERRITE >			
FL101	1-414-235-11	BEAD, FERRITE (SMD)	
FL102	1-414-235-11	BEAD, FERRITE (SMD)	
FL103	1-414-235-11	BEAD, FERRITE (SMD)	
FL104	1-414-235-11	BEAD, FERRITE (SMD)	
FL105	1-550-907-21	BEAD, FERRITE (CHIP)	

FL106	1-550-907-21	BEAD, FERRITE (CHIP)	
FL107	1-500-113-11	BEAD, FERRITE (CHIP)	
FL108	1-500-113-11	BEAD, FERRITE (CHIP)	
FL109	1-500-113-11	BEAD, FERRITE (CHIP)	
FL110	1-500-113-11	BEAD, FERRITE (CHIP)	

FL111	1-500-113-11	BEAD, FERRITE (CHIP)	
FL112	1-500-113-11	BEAD, FERRITE (CHIP)	
* FL113	1-216-029-00	CHIP 150	5% 1/10W
FL116	1-216-027-00	CHIP 120	5% 1/10W
* FL117	1-216-029-00	CHIP 150	5% 1/10W

* FL118	1-216-029-00	CHIP 150	5% 1/10W
* FL129	1-216-029-00	CHIP 150	5% 1/10W
FL130	1-216-027-00	CHIP 120	5% 1/10W
* FL141	1-216-029-00	CHIP 150	5% 1/10W
* FL142	1-216-029-00	CHIP 150	5% 1/10W

* FL143	1-216-029-00	CHIP 150	5% 1/10W
* FL144	1-216-029-00	CHIP 150	5% 1/10W
FL146	1-216-027-00	CHIP 120	5% 1/10W
* FL147	1-216-029-00	CHIP 150	5% 1/10W
* FL148	1-216-029-00	CHIP 150	5% 1/10W

* FL159	1-216-029-00	CHIP 150	5% 1/10W
* FL160	1-216-029-00	CHIP 150	5% 1/10W
FL170	1-216-027-00	CHIP 120	5% 1/10W
* FL171	1-216-029-00	CHIP 150	5% 1/10W
* FL172	1-216-029-00	CHIP 150	5% 1/10W

FL173	1-500-113-11	BEAD, FERRITE (CHIP)	
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Ref. No.	Part No.	Description	Remark
< IC >			
* IC102	8-759-458-06	IC MSMS34031C-31GS-KPR2	
* IC103	8-759-387-16	IC CXD8606Q	
* IC106	8-759-327-10	IC KM48V514BJ-6-TEL	
* IC107	8-759-327-10	IC KM48V514BJ-6-TEL	
* IC108	8-759-327-10	IC KM48V514BJ-6-TEL	

* IC109	8-759-327-10	IC KM48V514BJ-6-TEL	
IC201	8-759-369-81	IC KM4132G271Q-12	
* IC202	8-759-440-92	IC TDA8771AH/C1/R1, 518	#
* IC203	8-759-366-69	IC CXD8561Q	
* IC303	8-752-386-16	IC CXK5V82578TM-10LL-T6	

* IC304	8-759-458-08	IC MC68HC05G6-SC43092SPBE3	
IC305	8-752-377-68	IC CXD1815Q	
* IC308	8-752-380-05	IC CXD2925Q	
IC310	8-759-177-00	IC HNS14260ALJ8Z	
* IC402	8-759-445-70	IC AK4309A-VM-E2	

**PU-18 (-11/-21)**

Remark

Ref. No.	Part No.	Description
Q701	8-729-903-46	TRANSISTOR ZSB1132-P
Q702	8-729-027-56	TRANSISTOR DTC143TKA-T146

< RESISTOR >

R103	1-216-813-11	CHIP	220	5%	1/16W
R104	1-216-801-71	CHIP	22	5%	1/16W
R107	1-216-009-00	CHIP	22	5%	1/10W
R108	1-216-809-11	CHIP	100	5%	1/16W
R109	1-216-809-11	CHIP	100	5%	1/16W
R110	1-216-809-11	CHIP	100	5%	1/16W
R111	1-216-801-71	CHIP	22	5%	1/16W
R112	1-216-801-71	CHIP	22	5%	1/16W
R113	1-216-801-71	CHIP	22	5%	1/16W
R114	1-216-801-71	CHIP	22	5%	1/16W
R115	1-216-801-71	CHIP	22	5%	1/16W
R122	1-216-801-71	CHIP	22	5%	1/16W
R123	1-216-801-71	CHIP	22	5%	1/16W
R124	1-216-801-71	CHIP	22	5%	1/16W
R125	1-216-801-71	CHIP	22	5%	1/16W
R126	1-216-801-71	CHIP	22	5%	1/16W
R127	1-216-801-71	CHIP	22	5%	1/16W
R128	1-216-801-71	CHIP	22	5%	1/16W
R129	1-216-801-71	CHIP	22	5%	1/16W
R130	1-216-833-71	CHIP	10K	5%	1/16W
R131	1-216-833-71	CHIP	10K	5%	1/16W
R132	1-216-821-71	CHIP	1K	5%	1/16W
R133	1-216-821-71	CHIP	1K	5%	1/16W
R134	1-216-821-71	CHIP	1K	5%	1/16W
R135	1-216-817-11	CHIP	470	5%	1/16W
R136	1-216-817-11	CHIP	470	5%	1/16W
R137	1-216-805-11	CHIP	47	5%	1/16W
R138	1-216-805-11	CHIP	47	5%	1/16W
R139	1-216-817-11	CHIP	470	5%	1/16W
R140	1-216-817-11	CHIP	470	5%	1/16W
R141	1-216-817-11	CHIP	470	5%	1/16W
R142	1-216-817-11	CHIP	470	5%	1/16W
R143	1-216-801-71	CHIP	22	5%	1/16W
R144	1-216-801-71	CHIP	22	5%	1/16W
R145	1-216-801-71	CHIP	22	5%	1/16W
R146	1-216-821-71	CHIP	1K	5%	1/16W
R147	1-216-801-71	CHIP	22	5%	1/16W
R148	1-216-821-71	CHIP	1K	5%	1/16W
R149	1-414-482-21	INDUCTOR (CHIP)	82nH	5%	1/16W
R150	1-216-805-11	CHIP	47	5%	1/16W
R152	1-216-801-71	CHIP	22	5%	1/16W
R153	1-216-801-71	CHIP	22	5%	1/16W
R154	1-216-815-11	CHIP	330	5%	1/16W
R155	1-216-833-71	CHIP	10K	5%	1/16W
R201	1-216-831-11	CHIP	6.8K	5%	1/16W
R202	1-550-907-21	BEAD, FERRITE (CHIP)			
R204	1-216-813-11	CHIP	220	5%	1/16W
R206	1-216-801-71	CHIP	22	5%	1/16W
R207	1-216-829-11	CHIP	4.7K	5%	1/16W

The components identified by  
 mark  $\Delta$  or dotted line with  
 mark  $\Delta$  are critical for  
 safety. Replace only with  
 part number specified.  
 Les composants identifiés  
 par une marque  $\Delta$  sont  
 critiques pour la sécurité.  
 Ne les remplacer que par une pièce  
 portant le numéro spécifié.

Remark

Ref. No.	Part No.	Description
IC501	8-752-068-43	IC CXA1645M
IC501	8-759-284-63	IC TA78M05F (TE16L)
IC701	8-752-369-78	IC CXD2545Q
IC702	8-759-701-01	IC NJM2904M
IC703	8-752-069-29	IC CXA1791N
IC704	8-759-455-91	IC BA6392FP-E2
IC706	8-759-452-25	IC uPC5023GR-118-GJ6-E2
IC708	8-759-344-00	IC NJM2100E (TE2)

< INDUCTOR >

L101	1-412-052-21	INDUCTOR	1uH
L102	1-412-052-21	INDUCTOR	1uH
L104	1-412-052-21	INDUCTOR	1uH
L105	1-412-052-21	INDUCTOR	1uH
L106	1-412-052-21	INDUCTOR	1uH
L110	1-412-052-21	INDUCTOR	1uH
L111	1-412-052-21	INDUCTOR	1uH
L303	1-412-951-11	INDUCTOR	10uH
L304	1-412-951-11	INDUCTOR	10uH
L401	1-412-951-11	INDUCTOR	10uH
L507	1-412-957-11	INDUCTOR	33uH
L601	1-412-052-21	INDUCTOR (CHIP)	1uH
L604	1-410-333-11	INDUCTOR (CHIP)	0.22uH
L605	1-410-378-11	INDUCTOR (CHIP)	5.6uH
L606	1-412-052-21	INDUCTOR	1uH
L607	1-412-052-21	INDUCTOR	1uH
L701	1-412-951-11	INDUCTOR	10uH
L711	1-412-951-11	INDUCTOR	10uH

< IC LINK >

< TRANSISTOR >

Q101	8-729-900-53	TRANSISTOR	DTC114EK
Q102	8-729-900-53	TRANSISTOR	DTC114EK
Q103	8-729-900-53	TRANSISTOR	DTC114EK
Q104	8-729-900-53	TRANSISTOR	DTC114EK
Q401	8-729-027-59	TRANSISTOR	DTC144EKA-T146
Q402	8-729-027-38	TRANSISTOR	DTA144EKA-T146
Q403	8-729-921-72	TRANSISTOR	ZSD1781K-R
Q404	8-729-921-72	TRANSISTOR	ZSD1781K-R
Q501	8-729-026-48	TRANSISTOR	ZSA1037AK-T146-Q
Q502	8-729-026-48	TRANSISTOR	ZSA1037AK-T146-Q
Q503	8-729-026-48	TRANSISTOR	ZSA1037AK-T146-Q
Q505	8-729-120-28	TRANSISTOR	ZSC1623-LSL6
Q506	8-729-141-48	TRANSISTOR	ZSB624-BV345
Q609	8-729-141-48	TRANSISTOR	ZSB624-BV345
Q610	8-729-120-28	TRANSISTOR	ZSC1623-LSL6
Q611	8-729-120-28	TRANSISTOR	ZSC1623-LSL6

**PU-18 (-11/-21)**

Ref. No.	Part No.	Description			Remark
* R208	1-216-801-71	CHIP	22	5%	1/16W
* R209	1-216-801-71	CHIP	22	5%	1/16W
* R210	1-216-801-71	CHIP	22	5%	1/16W
* R211	1-216-801-71	CHIP	22	5%	1/16W
* R212	1-216-801-71	CHIP	22	5%	1/16W
* R213	1-216-801-71	CHIP	22	5%	1/16W
* R214	1-216-801-71	CHIP	22	5%	1/16W
R215	1-216-829-11	CHIP	4.7K	5%	1/16W
R217	1-216-864-11	CONDUCTOR, CHIP			
* R301	1-216-833-71	CHIP	10K	5%	1/16W
* R302	1-216-833-71	CHIP	10K	5%	1/16W
* R303	1-216-821-71	CHIP	1K	5%	1/16W
* R304	1-216-821-71	CHIP	1K	5%	1/16W
* R305	1-216-821-71	CHIP	1K	5%	1/16W
R320	1-218-285-11	CHIP	75	5%	1/16W
* R323	1-216-821-71	CHIP	1K	5%	1/16W
* R324	1-216-821-71	CHIP	1K	5%	1/16W
* R325	1-216-821-71	CHIP	1K	5%	1/16W
* R328	1-216-833-71	CHIP	10K	5%	1/16W
* R330	1-216-833-71	CHIP	10K	5%	1/16W
R331	1-216-813-11	CHIP	220	5%	1/16W
R332	1-216-295-91	CONDUCTOR, CHIP			
* R335	1-216-801-71	CHIP	22	5%	1/16W
R338	1-216-830-11	CHIP	5.6K	5%	1/16W
* R339	1-216-821-71	CHIP	1K	5%	1/16W
* R340	1-216-801-71	CHIP	22	5%	1/16W
* R341	1-216-801-71	CHIP	22	5%	1/16W
* R342	1-216-801-71	CHIP	22	5%	1/16W
R343	1-216-829-11	CHIP	4.7K	5%	1/16W
R423	1-216-845-11	CHIP	100K	5%	1/16W
R424	1-216-845-11	CHIP	100K	5%	1/16W
* R425	1-216-821-71	CHIP	1K	5%	1/16W
* R426	1-216-821-71	CHIP	1K	5%	1/16W
* R427	1-216-821-71	CHIP	1K	5%	1/16W
* R428	1-216-821-71	CHIP	1K	5%	1/16W
R429	1-216-809-11	CHIP	100	5%	1/16W
R430	1-216-809-11	CHIP	100	5%	1/16W
R444	1-216-797-11	CHIP	10	5%	1/16W
R445	1-216-813-11	CHIP	220	5%	1/16W
R446	1-216-826-11	CHIP	2.7K	5%	1/16W
* R447	1-216-833-71	CHIP	10K	5%	1/16W
R501	1-216-825-11	CHIP	2.2K	5%	1/16W
R502	1-216-825-11	CHIP	2.2K	5%	1/16W
R503	1-216-039-00	CHIP	390	5%	1/10W #
R504	1-216-039-00	CHIP	390	5%	1/10W #
R505	1-216-039-00	CHIP	390	5%	1/10W #
* R510	1-216-821-71	CHIP	1K	5%	1/16W
* R511	1-216-821-71	CHIP	1K	5%	1/16W
* R512	1-216-821-71	CHIP	1K	5%	1/16W
R515	1-216-089-91	CHIP	47K	5%	1/10W
R516	1-218-292-11	CHIP	20K	5%	1/16W
R517	1-218-285-11	CHIP	75	5%	1/16W
R518	1-218-285-11	CHIP	75	5%	1/16W

Ref. No.	Part No.	Description			Remark
R519	1-218-285-11	CHIP	75	5%	1/16W
R520	1-218-285-11	CHIP	75	5%	1/16W
R521	1-218-285-11	CHIP	75	5%	1/16W
R522	1-218-285-11	CHIP	75	5%	1/16W
R527	1-216-079-00	CHIP	18K	5%	1/10W
R528	1-216-049-91	CHIP	1K	5%	1/10W
R529	1-216-067-00	CHIP	5.6K	5%	1/10W
R530	1-216-304-11	CHIP	3.3	5%	1/10W
R541	1-216-045-00	CHIP	680	5%	1/10W #
R542	1-216-045-00	CHIP	680	5%	1/10W #
R543	1-216-045-00	CHIP	680	5%	1/10W #
R601	1-216-864-11	CONDUCTOR, CHIP			
R602	1-216-864-11	CONDUCTOR, CHIP			
* R606	1-216-821-71	CHIP	1K	5%	1/16W
R615	1-216-053-00	CHIP	1.5K	5%	1/10W
R616	1-216-062-00	CHIP	3.6K	5%	1/10W
R617	1-216-057-00	CHIP	2.2K	5%	1/10W
R618	1-216-051-00	CHIP	1.2K	5%	1/10W
R701	1-216-829-11	CHIP	4.7K	5%	1/16W
R702	1-216-835-11	CHIP	15K	5%	1/16W
R703	1-216-844-11	CHIP	82K	5%	1/16W
* R704	1-216-833-71	CHIP	10K	5%	1/16W
R705	1-216-845-11	CHIP	100K	5%	1/16W
R706	1-216-857-11	CHIP	1M	5%	1/16W
R707	1-218-696-11	METAL CHIP	1.5K	0.5%	1/16W
R708	1-216-841-11	CHIP	47K	5%	1/16W
R709	1-216-849-11	CHIP	220K	5%	1/16W
* R710	1-216-833-71	CHIP	10K	5%	1/16W
R711	1-216-852-11	CHIP	390K	5%	1/16W
R712	1-216-827-11	CHIP	3.3K	5%	1/16W
R713	1-218-703-11	METAL CHIP	3.0K	0.5%	1/16W
R714	1-216-827-11	CHIP	3.3K	5%	1/16W
R715	1-216-848-11	CHIP	180K	5%	1/16W
R716	1-218-729-11	METAL CHIP	36K	0.5%	1/16W
R717	1-216-809-11	CHIP	100	5%	1/16W
R718	1-216-849-11	CHIP	220K	5%	1/16W
R719	1-216-853-11	CHIP	470K	5%	1/16W
R720	1-216-853-11	CHIP	470K	5%	1/16W
R723	1-216-839-11	CHIP	33K	5%	1/16W
R725	1-216-841-11	CHIP	47K	5%	1/16W
R726	1-218-729-11	METAL CHIP	36K	0.5%	1/16W
R727	1-216-835-11	CHIP	15K	5%	1/16W
R728	1-218-703-11	METAL CHIP	3.0K	0.5%	1/16W
R731	1-218-696-11	METAL CHIP	1.5K	0.5%	1/16W
R732	1-216-835-11	CHIP	15K	5%	1/16W
R733	1-216-845-11	CHIP	100K	5%	1/16W
R734	1-216-823-11	CHIP	1.5K	5%	1/16W
R735	1-216-864-11	CONDUCTOR, CHIP			
R736	1-216-841-11	CHIP	47K	5%	1/16W
R737	1-216-837-11	CHIP	22K	5%	1/16W
R738	1-218-707-11	CHIP	4.3K	5%	1/16W
R739	1-216-822-11	CHIP	1.2K	5%	1/16W
* R740	1-216-821-71	CHIP	1K	5%	1/16W

Ref. No.	Part No.	Description	Remark
R741	1-216-840-11	CHIP	39K 5% 1/16W
R745	1-218-883-11	CHIP	33K 0.5% 1/16W
R746	1-218-883-11	CHIP	33K 0.5% 1/16W
R747	1-216-009-00	CHIP	22 5% 1/10W
R748	1-218-903-11	CHIP	220K 0.5% 1/16W
R749	1-218-903-11	CHIP	220K 0.5% 1/16W
R750	1-216-009-00	CHIP	22 5% 1/10W
R765	1-216-833-71	CHIP	10K 5% 1/16W
R769	1-218-286-11	CHIP	91 5% 1/16W
R770	1-216-833-71	CHIP	10K 5% 1/16W
R771	1-216-840-11	CHIP	39K 5% 1/16W
R772	1-216-833-71	CHIP	10K 5% 1/16W
R773	1-216-845-11	CHIP	100K 5% 1/16W
R774	1-216-829-11	CHIP	4.7K 5% 1/16W
R775	1-216-840-11	CHIP	39K 5% 1/16W
< NETWORK RESISTOR >			
R8111	1-233-813-21	NETWORK 150	* RB111
R8112	1-233-813-21	NETWORK 150	* RB112
R8113	1-233-813-21	NETWORK 150	* RB113
R8114	1-233-813-21	NETWORK 150	* RB114
R8115	1-233-813-21	NETWORK 150	* RB115
R8116	1-233-813-21	NETWORK 150	* RB116
R8117	1-233-813-21	NETWORK 150	* RB117
R8118	1-233-813-21	NETWORK 150	* RB118
< VARIABLE RESISTOR >			
RV703	1-223-568-11	RES. ADJ. CARBON 47K	
< SWITCH >			
S301	1-570-953-21	PUSH SWITCH (KEY)	* S301
< VIBRATOR >			
X101	1-760-566-21	VIBRATOR, CRYSTAL (67.73MHz)	X101
X201	1-760-567-21	VIBRATOR, CRYSTAL (53.69MHz)	X201

PU-18 (-11/-21)

**PU-18 (-31/-41)**

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	A-6423-460-A	PU-18 BOARD, COMPLETE	(5500 : -31/-41)				
		*****					
*	3-973-812-01	COVER, PUSH SWITCH					
		< CAPACITOR >					
* C100	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C215	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C101	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C216	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C102	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C217	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C103	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	* C218	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C104	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C219	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C105	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C220	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C106	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C221	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C108	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C222	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C109	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C223	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C110	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C224	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C111	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C225	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C112	1-164-156-11	CERAMIC CHIP 0.1uF	25V	* C226	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C113	1-164-156-11	CERAMIC CHIP 0.1uF	25V	* C227	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C114	1-164-156-11	CERAMIC CHIP 0.1uF	25V	* C228	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C117	1-164-232-11	CERAMIC 0.01uF	10% 50V	* C231	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V
C124	1-115-156-11	CERAMIC 1uF	10V	* C232	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V
* C125	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	* C235	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V
* C126	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	C237	1-216-864-11	CONDUCTOR, CHIP	
* C127	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	C238	1-164-232-11	CERAMIC 0.01uF	10% 50V
* C128	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	C239	1-163-275-11	CERAMIC 1000PF	5% 50V
* C129	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	C240	1-164-232-11	CERAMIC 0.01uF	10% 50V
* C130	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	C241	1-164-232-11	CERAMIC 0.01uF	10% 50V
* C131	1-162-927-71	CERAMIC CHIP 100PF	5% 50V	C242	1-164-232-11	CERAMIC 0.01uF	10% 50V
* C132	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	C243	1-164-232-11	CERAMIC 0.01uF	10% 50V
* C133	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C244	1-162-927-71	CERAMIC CHIP 100PF	5% 50V
* C134	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C245	1-162-927-71	CERAMIC CHIP 100PF	5% 50V
* C135	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C301	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V
C136	1-164-232-11	CERAMIC 0.01uF	10% 50V	* C304	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C137	1-163-275-11	CERAMIC 1000PF	5% 50V	* C305	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C138	1-164-232-11	CERAMIC 0.01uF	10% 50V	* C306	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C139	1-164-232-11	CERAMIC 0.01uF	10% 50V	* C307	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C140	1-164-232-11	CERAMIC 0.01uF	10% 50V	* C310	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C144	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C314	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C145	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C315	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C201	1-164-156-11	CERAMIC CHIP 0.1uF	25V	C316	1-164-232-11	CERAMIC 0.01uF	10% 50V
* C202	1-164-156-11	CERAMIC CHIP 0.1uF	25V	C319	1-115-156-11	CERAMIC 1uF	10V
* C203	1-164-156-11	CERAMIC CHIP 0.1uF	25V	* C323	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C204	1-164-156-11	CERAMIC CHIP 0.1uF	25V	C324	1-115-156-11	CERAMIC 1uF	10V
* C205	1-164-156-11	CERAMIC CHIP 0.1uF	25V	C325	1-126-205-11	ELECT 47uF	20% 6.3V
* C206	1-164-156-11	CERAMIC CHIP 0.1uF	25V	* C326	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C208	1-164-156-11	CERAMIC CHIP 0.1uF	25V	C327	1-115-156-11	CERAMIC 1uF	10V
* C209	1-164-156-11	CERAMIC CHIP 0.1uF	25V	* C401	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C210	1-164-156-11	CERAMIC CHIP 0.1uF	25V	* C402	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C211	1-162-964-11	CERAMIC CHIP 1000PF	10% 50V	* C403	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C212	1-164-156-11	CERAMIC CHIP 0.1uF	25V	* C405	1-164-156-11	CERAMIC CHIP 0.1uF	25V
* C213	1-164-156-11	CERAMIC CHIP 0.1uF	25V	C406	1-128-004-11	ELECT CHIP 10uF	20% 16V
* C214	1-164-156-11	CERAMIC CHIP 0.1uF	25V	C407	1-128-004-11	ELECT CHIP 10uF	20% 16V
				* C408	1-164-156-11	CERAMIC CHIP 0.1uF	25V
				C423	1-128-004-11	ELECT CHIP 10uF	20% 16V
				C424	1-128-004-11	ELECT CHIP 10uF	20% 16V
				* C432	1-164-156-11	CERAMIC CHIP 0.1uF	25V
				C443	1-124-778-00	ELECT 22uF	20% 6.3V
				C444	1-164-232-11	CERAMIC 0.01uF	10% 50V



Ref. No.	Part No.	Description	Remark
C445	1-164-232-11	CERAMIC CHIP	0.01uF
C501	1-162-910-11	CERAMIC CHIP	5PF
C502	1-162-923-11	CERAMIC CHIP	47PF
C504	1-164-156-11	CERAMIC CHIP	0.1uF
C505	1-164-156-11	CERAMIC CHIP	0.1uF
C506	1-164-156-11	CERAMIC CHIP	0.1uF
C507	1-164-156-11	CERAMIC CHIP	0.1uF
C508	1-126-205-11	ELECT	47uF
C509	1-164-156-11	CERAMIC CHIP	0.1uF
C510	1-164-156-11	CERAMIC CHIP	0.1uF
C511	1-128-004-11	ELECT CHIP	10uF
C512	1-164-156-11	CERAMIC CHIP	0.1uF
C513	1-126-206-11	ELECT	100uF
C518	1-126-246-11	ELECT	220uF
C519	1-128-004-11	ELECT CHIP	10uF
C522	1-126-246-11	ELECT	220uF
C523	1-164-460-11	CERAMIC CHIP	62PF
C524	1-164-156-11	CERAMIC CHIP	0.1uF
C527	1-126-246-11	ELECT	220uF
C528	1-126-246-11	ELECT	220uF
C529	1-162-927-71	CERAMIC CHIP	100PF
C530	1-162-927-71	CERAMIC CHIP	100PF
C601	1-126-204-11	ELECT	47uF
C602	1-126-246-11	ELECT	220uF
C605	1-126-204-11	ELECT	47uF
C606	1-164-232-11	CERAMIC	0.01uF
C607	1-164-156-11	CERAMIC CHIP	0.1uF
C608	1-164-156-11	CERAMIC CHIP	0.1uF
C609	1-164-232-11	CERAMIC	0.01uF
C611	1-128-004-11	ELECT CHIP	10uF
C615	1-104-951-11	TANTLUM CHIP	10uF
C616	1-124-778-00	ELECT	22uF
C617	1-104-908-11	TANTLUM CHIP	47uF
C620	1-162-964-11	CERAMIC CHIP	1000PF
C621	1-115-156-11	CERAMIC	1uF
C622	1-162-964-11	CERAMIC CHIP	1000PF
C624	1-128-004-11	ELECT CHIP	10uF
C625	1-164-232-11	CERAMIC	0.01uF
C626	1-164-232-11	CERAMIC	0.01uF
C701	1-164-156-11	CERAMIC CHIP	0.1uF
C702	1-164-156-11	CERAMIC CHIP	0.1uF
C703	1-162-970-11	CERAMIC CHIP	0.01uF
C704	1-162-967-11	CERAMIC CHIP	3300PF
C705	1-126-191-11	ELECT	0.47uF
C706	1-162-927-71	CERAMIC CHIP	100PF
C707	1-164-227-11	CERAMIC CHIP	0.022uF
C708	1-162-965-11	CERAMIC CHIP	1500PF
C709	1-164-174-11	CERAMIC CHIP	8200PF
C711	1-135-149-21	TANTLUM CHIP	2.2uF
C712	1-164-730-11	CERAMIC CHIP	1200PF
C713	1-164-730-11	CERAMIC CHIP	1200PF
C714	1-162-968-11	CERAMIC CHIP	4700PF
C715	1-165-176-11	CERAMIC CHIP	0.047uF
D101	8-719-036-80	DIODE	RD3. 9SB-T1
D102	8-719-036-80	DIODE	RD3. 9SB-T1
D103	8-719-036-80	DIODE	RD3. 9SB-T1
D104	8-719-036-80	DIODE	RD3. 9SB-T1
D105	8-719-036-80	DIODE	RD3. 9SB-T1
D106	8-719-036-80	DIODE	RD3. 9SB-T1
D107	8-719-036-80	DIODE	RD3. 9SB-T1
D108	8-719-036-80	DIODE	RD3. 9SB-T1
D109	8-719-036-80	DIODE	RD3. 9SB-T1
D110	8-719-036-80	DIODE	RD3. 9SB-T1
CN102	1-770-305-11	CONNECTOR, FCC/FPC (LIF (NON-ZIF))	10P
CN103	1-770-129-11	CONNECTOR, SQUARE 8P	
CN104	1-779-028-11	CONNECTOR, SQUARE 8P	
CNS02	1-779-029-11	CONNECTOR, SQUARE 12P	
CN602	1-766-278-11	CONNECTOR (PC BOARD) 5P	
CN701	1-573-290-21	PIN, CONNECTOR (1.5mm) (SMD) 4P	
CN702	1-779-071-21	CONNECTOR, FCC/FPC (LIF (NON-ZIF))	16P

< DIODE >

< CONNECTOR >

Ref. No.	Part No.	Description	Remark
C716	1-164-156-11	CERAMIC CHIP	0.1uF
C719	1-165-176-11	CERAMIC CHIP	0.047uF
C720	1-162-962-11	CERAMIC CHIP	470PF
C722	1-164-730-11	CERAMIC CHIP	1200PF
C723	1-164-730-11	CERAMIC CHIP	1200PF
C724	1-107-826-11	CERAMIC CHIP	0.1uF
C725	1-162-962-11	CERAMIC CHIP	470PF
C726	1-107-826-11	CERAMIC CHIP	0.1uF
C728	1-162-926-11	CERAMIC CHIP	82PF
C729	1-164-156-11	CERAMIC CHIP	0.1uF
C731	1-128-004-11	ELECT CHIP	10uF
C734	1-128-004-11	ELECT CHIP	10uF
C735	1-162-927-71	CERAMIC CHIP	100PF
C736	1-104-847-11	TANTLUM CHIP	22uF
C737	1-104-847-11	TANTLUM CHIP	22uF
C738	1-126-205-11	ELECT	47uF
C739	1-162-964-11	CERAMIC CHIP	1000PF
C740	1-104-847-11	TANTLUM CHIP	22uF
C741	1-104-847-11	TANTLUM CHIP	22uF
C742	1-107-826-11	CERAMIC CHIP	0.1uF
C743	1-164-156-11	CERAMIC CHIP	0.1uF
C744	1-164-156-11	CERAMIC CHIP	0.1uF
C745	1-128-004-11	ELECT CHIP	10uF
C746	1-164-156-11	CERAMIC CHIP	0.1uF
C748	1-164-156-11	CERAMIC CHIP	0.1uF
C754	1-164-156-11	CERAMIC CHIP	0.1uF
C755	1-164-156-11	CERAMIC CHIP	0.1uF
C756	1-124-778-00	ELECT	22uF
C761	1-165-176-11	CERAMIC CHIP	0.047uF
C762	1-164-156-11	CERAMIC CHIP	0.1uF
C763	1-164-156-11	CERAMIC CHIP	0.1uF
C764	1-162-927-71	CERAMIC CHIP	100PF

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**PU-18 (-31/-41)**

Ref. No.	Part No.	Description	Remark
D111	8-719-036-80	DIODE RD3. 9SB-T1	
D112	8-719-036-80	DIODE RD3. 9SB-T1	
D114	8-719-036-80	DIODE RD3. 9SB-T1	
D118	8-719-423-30	DIODE MA8120-TX	
D119	8-719-423-30	DIODE MA8120-TX	
D401	8-719-941-09	DIODE DAP202U	
D406	8-719-036-80	DIODE RD3. 9SB-T1	
D407	8-719-036-80	DIODE RD3. 9SB-T1	
D408	8-719-036-80	DIODE RD3. 9SB-T1	
D409	8-719-036-80	DIODE RD3. 9SB-T1	
D501	8-719-423-30	DIODE MA8120-TX	
D502	8-719-423-30	DIODE MA8120-TX	
D503	8-719-423-30	DIODE MA8120-TX	
D504	8-719-423-30	DIODE MA8120-TX	
D505	8-719-423-30	DIODE MA8120-TX	
D506	8-719-423-30	DIODE MA8120-TX	
D507	8-719-423-30	DIODE MA8120-TX	
D509	8-719-423-30	DIODE MA8120-TX	
D510	8-719-423-30	DIODE MA8120-TX	
D511	8-719-423-30	DIODE MA8120-TX	
< FERRITE BEAD >			
FB102	1-500-104-21	BEAD, FERRITE (SMD)	
FB104	1-500-104-21	BEAD, FERRITE (SMD)	
FB105	1-216-176-11	CHIP 120	5% 1/10W
FB401	1-500-113-11	BEAD, FERRITE (CHIP)	
FB402	1-500-113-11	BEAD, FERRITE (CHIP)	
FB501	1-414-235-11	BEAD, FERRITE (SMD)	
FB502	1-500-113-11	BEAD, FERRITE (CHIP)	
FB601	1-414-235-11	BEAD, FERRITE (SMD)	
FB701	1-500-449-21	BEAD, FERRITE (SMD)	
FB702	1-500-449-21	BEAD, FERRITE (SMD)	
FB703	1-500-449-21	BEAD, FERRITE (SMD)	
FB704	1-500-449-21	BEAD, FERRITE (SMD)	
< BEAD, FERRITE >			
FL101	1-414-235-11	BEAD, FERRITE (SMD)	
FL102	1-414-235-11	BEAD, FERRITE (SMD)	
FL103	1-414-235-11	BEAD, FERRITE (SMD)	
FL104	1-414-235-11	BEAD, FERRITE (SMD)	
FL105	1-550-907-21	BEAD, FERRITE (CHIP)	
FL106	1-550-907-21	BEAD, FERRITE (CHIP)	
FL107	1-500-113-11	BEAD, FERRITE (CHIP)	
FL108	1-500-113-11	BEAD, FERRITE (CHIP)	
FL109	1-500-113-11	BEAD, FERRITE (CHIP)	
FL110	1-500-113-11	BEAD, FERRITE (CHIP)	
FL111	1-500-113-11	BEAD, FERRITE (CHIP)	
FL112	1-500-113-11	BEAD, FERRITE (CHIP)	
* FL113	1-216-029-00	CHIP 150	5% 1/10W
FL116	1-216-027-00	CHIP 120	5% 1/10W
* FL117	1-216-029-00	CHIP 150	5% 1/10W
* FL118	1-216-029-00	CHIP 150	5% 1/10W
* FL129	1-216-029-00	CHIP 150	5% 1/10W

Ref. No.	Part No.	Description	Remark
FL130	1-216-027-00	CHIP 120	5% 1/10W
* FL141	1-216-029-00	CHIP 150	5% 1/10W
* FL142	1-216-029-00	CHIP 150	5% 1/10W
* FL143	1-216-029-00	CHIP 150	5% 1/10W
* FL144	1-216-029-00	CHIP 150	5% 1/10W
FL146	1-216-027-00	CHIP 120	5% 1/10W
* FL147	1-216-029-00	CHIP 150	5% 1/10W
* FL148	1-216-029-00	CHIP 150	5% 1/10W
* FL159	1-216-029-00	CHIP 150	5% 1/10W
* FL160	1-216-029-00	CHIP 150	5% 1/10W
FL170	1-216-027-00	CHIP 120	5% 1/10W
* FL171	1-216-029-00	CHIP 150	5% 1/10W
* FL172	1-216-029-00	CHIP 150	5% 1/10W
FL173	1-500-113-11	BEAD, FERRITE (CHIP)	
< IC >			
* IC102	8-759-458-06	IC MSM534031C-31GS-KPR2	
* IC103	8-759-387-16	IC CXD8606Q	
* IC106	8-759-377-18	IC TC51V18325BJ-60S(YE)	
IC201	8-759-369-81	IC KM4132G271Q-12	
* IC202	8-759-440-92	IC TDA8771AH/C1/R1. 518	*
* IC203	8-759-366-69	IC CXD8561Q	
* IC303	8-752-386-16	IC CXX5V82578TM-10LL-T6	
* IC304	8-759-458-08	IC MC68HC05G6-SC430925PBE3	
IC305	8-752-377-68	IC CXD1815Q	
* IC308	8-752-380-05	IC CXD2925Q	
IC310	8-759-177-00	IC HM514260ALJ8Z	
* IC402	8-759-445-70	IC AK4309A-VM-E2	
IC501	8-752-068-43	IC CXA1645M	
IC601	8-759-284-63	IC TA78M05F (TE16L)	
IC701	8-752-379-23	IC CXD2545Q	
IC702	8-759-701-01	IC NJM2904M	
IC703	8-752-069-29	IC CXA1791N	
* IC704	8-759-455-91	IC BA6392FP-E2	
* IC706	8-759-452-25	IC uPC5023GR-118-GJG-E2	
* IC708	8-759-344-00	IC NJM2100E (TE2)	
< INDUCTOR >			
L101	1-412-052-21	INDUCTOR 1uH	
L102	1-412-052-21	INDUCTOR 1uH	
L104	1-412-052-21	INDUCTOR 1uH	
L105	1-412-052-21	INDUCTOR 1uH	
L106	1-412-052-21	INDUCTOR 1uH	
L110	1-412-052-21	INDUCTOR 1uH	
L111	1-412-052-21	INDUCTOR 1uH	
L303	1-412-951-11	INDUCTOR 10uH	
L304	1-412-951-11	INDUCTOR 10uH	
L401	1-412-951-11	INDUCTOR 10uH	
L507	1-412-957-11	INDUCTOR 33uH	
L601	1-412-052-21	INDUCTOR 1uH	
L604	1-410-733-11	INDUCTOR (CHIP) 0.22uH	
L605	1-410-378-11	INDUCTOR (CHIP) 5.6uH	
L606	1-412-052-21	INDUCTOR 1uH	

The components identified by  
 mark  $\Delta$  or dotted line with  
 safety. Replace only with  
 part number specified.  
 Ne les remplacer que par une pièce  
 critiques pour la sécurité.  
 portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
R132	1-216-821-71 CHIP	1K	5% 1/16W
R133	1-216-821-71 CHIP	1K	5% 1/16W
R134	1-216-821-71 CHIP	1K	5% 1/16W
R135	1-216-817-11 CHIP	470	5% 1/16W
R142	1-216-817-11 CHIP	470	5% 1/16W
R143	1-216-801-71 CHIP	22	5% 1/16W
R144	1-216-801-71 CHIP	22	5% 1/16W
R145	1-216-801-71 CHIP	22	5% 1/16W
R146	1-216-821-71 CHIP	1K	5% 1/16W
R147	1-216-801-71 CHIP	22	5% 1/16W
R148	1-216-821-71 CHIP	1K	5% 1/16W
R149	1-414-482-21 INDUCTOR (CHIP) 82nH	47	5% 1/16W
R150	1-216-805-11 CHIP	47	5% 1/16W
R152	1-216-801-71 CHIP	22	5% 1/16W
R153	1-216-801-71 CHIP	22	5% 1/16W
R154	1-216-815-11 CHIP	330	5% 1/16W
R155	1-216-833-11 CHIP	10K	5% 1/16W
R201	1-216-831-11 CHIP	6.8K	5% 1/16W
R202	1-550-907-21 BEAD, FERRITE (CHIP)		#
R204	1-216-813-11 CHIP	220	5% 1/16W
R206	1-216-801-71 CHIP	22	5% 1/16W
R207	1-216-829-11 CHIP	4.7K	5% 1/16W
R208	1-216-801-71 CHIP	22	5% 1/16W
R209	1-216-801-71 CHIP	22	5% 1/16W
R210	1-216-801-71 CHIP	22	5% 1/16W
R211	1-216-801-71 CHIP	22	5% 1/16W
R212	1-216-801-71 CHIP	22	5% 1/16W
R213	1-216-801-71 CHIP	22	5% 1/16W
R214	1-216-801-71 CHIP	22	5% 1/16W
R215	1-216-829-11 CHIP	4.7K	5% 1/16W
R217	1-216-864-11 CONDUCTOR, CHIP		
R301	1-216-833-11 CHIP	10K	5% 1/16W
R302	1-216-833-11 CHIP	10K	5% 1/16W
R303	1-216-821-71 CHIP	1K	5% 1/16W
R304	1-216-821-71 CHIP	1K	5% 1/16W
R305	1-216-821-71 CHIP	1K	5% 1/16W
R320	1-218-285-11 CHIP	75	5% 1/16W
R323	1-216-821-71 CHIP	1K	5% 1/16W
R324	1-216-821-71 CHIP	1K	5% 1/16W
R325	1-216-821-71 CHIP	1K	5% 1/16W
R328	1-216-833-11 CHIP	10K	5% 1/16W
R330	1-216-833-11 CHIP	10K	5% 1/16W
R331	1-216-813-11 CHIP	220	5% 1/16W
R332	1-216-295-91 CONDUCTOR, CHIP		
R335	1-216-801-71 CHIP	22	5% 1/16W
R338	1-216-830-11 CHIP	5.6K	5% 1/16W
R339	1-216-821-71 CHIP	1K	5% 1/16W

Ref. No.	Part No.	Description	Remark
L607	1-412-052-21	INDUCTOR	1uH
L701	1-412-951-11	INDUCTOR	10uH
L711	1-412-951-11	INDUCTOR	10uH
< IC LINK >			
ΔPS601	1-576-123-21	LINK, IC	
ΔPS602	1-576-123-21	LINK, IC	
ΔPS603	1-576-123-21	LINK, IC	
ΔPS604	1-533-282-21	LINK, IC	
ΔPS605	1-576-259-11	LINK, IC	
Q101	8-729-900-53	TRANSISTOR	DTC114EK
Q102	8-729-900-53	TRANSISTOR	DTC114EK
Q104	8-729-900-53	TRANSISTOR	DTC114EK
Q401	8-729-027-59	TRANSISTOR	DTC144EK-KA-T146
Q402	8-729-027-38	TRANSISTOR	DTA144EK-KA-T146
Q403	8-729-921-72	TRANSISTOR	ZSD1781K-R
Q404	8-729-921-72	TRANSISTOR	ZSD1781K-R
Q501	8-729-026-48	TRANSISTOR	ZSA1037AK-T146-Q
Q502	8-729-026-48	TRANSISTOR	ZSA1037AK-T146-Q
Q503	8-729-026-48	TRANSISTOR	ZSA1037AK-T146-Q
Q505	8-729-120-28	TRANSISTOR	ZSC1623-L5L6
Q506	8-729-141-48	TRANSISTOR	ZSB624-BV345
Q609	8-729-141-48	TRANSISTOR	ZSB624-BV345
Q610	8-729-120-28	TRANSISTOR	ZSC1623-L5L6
Q611	8-729-120-28	TRANSISTOR	ZSC1623-L5L6
Q701	8-729-903-46	TRANSISTOR	ZSB1132-P
Q702	8-729-027-56	TRANSISTOR	DTC143TKA-T146
< RESISTOR >			
R103	1-216-813-11 CHIP	220	5% 1/16W
R104	1-216-801-71 CHIP	22	5% 1/16W
R107	1-216-009-00 CHIP	22	5% 1/10W
R108	1-216-809-11 CHIP	100	5% 1/16W
R109	1-216-809-11 CHIP	100	5% 1/16W
R110	1-216-809-11 CHIP	100	5% 1/16W
R111	1-216-801-71 CHIP	22	5% 1/16W
R112	1-216-801-71 CHIP	22	5% 1/16W
R123	1-216-801-71 CHIP	22	5% 1/16W
R124	1-216-801-71 CHIP	22	5% 1/16W
R125	1-216-801-71 CHIP	22	5% 1/16W
R126	1-216-801-71 CHIP	22	5% 1/16W
R127	1-216-801-71 CHIP	22	5% 1/16W
R128	1-216-801-71 CHIP	22	5% 1/16W
R130	1-216-833-11 CHIP	22	5% 1/16W
R131	1-216-833-11 CHIP	10K	5% 1/16W

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**PU-18 (-31/-41)**

Ref. No.	Part No.	Description		Remark
• R340	1-216-801-71	CHIP	22	5% 1/16W
• R341	1-216-801-71	CHIP	22	5% 1/16W
• R342	1-216-801-71	CHIP	22	5% 1/16W
R423	1-216-845-11	CHIP	100K	5% 1/16W
R424	1-216-845-11	CHIP	100K	5% 1/16W
• R425	1-216-821-71	CHIP	1K	5% 1/16W
• R426	1-216-821-71	CHIP	1K	5% 1/16W
• R427	1-216-821-71	CHIP	1K	5% 1/16W
• R428	1-216-821-71	CHIP	1K	5% 1/16W
R429	1-216-809-11	CHIP	100	5% 1/16W
R430	1-216-809-11	CHIP	100	5% 1/16W
R444	1-216-797-11	CHIP	10	5% 1/16W
R445	1-216-813-11	CHIP	220	5% 1/16W
R446	1-216-826-11	CHIP	2.7K	5% 1/16W
• R447	1-216-833-11	CHIP	10K	5% 1/16W
R501	1-216-825-11	CHIP	2.2K	5% 1/16W
R502	1-216-825-11	CHIP	2.2K	5% 1/16W
R503	1-216-039-00	CHIP	390	5% 1/10W #
R504	1-216-039-00	CHIP	390	5% 1/10W #
R505	1-216-039-00	CHIP	390	5% 1/10W #
• R510	1-216-821-71	CHIP	1K	5% 1/16W
• R511	1-216-821-71	CHIP	1K	5% 1/16W
• R512	1-216-821-71	CHIP	1K	5% 1/16W
R515	1-216-089-91	CHIP	47K	5% 1/10W
R516	1-218-292-11	CHIP	20K	5% 1/16W
R517	1-218-285-11	CHIP	75	5% 1/16W
R518	1-218-285-11	CHIP	75	5% 1/16W
R519	1-218-285-11	CHIP	75	5% 1/16W
R520	1-218-285-11	CHIP	75	5% 1/16W
R521	1-218-285-11	CHIP	75	5% 1/16W
R522	1-218-285-11	CHIP	75	5% 1/16W
R527	1-216-079-00	CHIP	18K	5% 1/10W
R528	1-216-049-91	CHIP	1K	5% 1/10W
R529	1-216-067-00	CHIP	5.6K	5% 1/10W
R530	1-216-304-11	CHIP	3.3	5% 1/10W
R541	1-216-045-00	CHIP	680	5% 1/10W #
R542	1-216-045-00	CHIP	680	5% 1/10W #
R543	1-216-045-00	CHIP	680	5% 1/10W #
R601	1-216-864-11	CONDUCTOR, CHIP		
R602	1-216-864-11	CONDUCTOR, CHIP		
• R606	1-216-821-71	CHIP	1K	5% 1/16W
R615	1-216-053-00	CHIP	1.5K	5% 1/10W
R616	1-216-062-00	CHIP	3.6K	5% 1/10W
R617	1-216-057-00	CHIP	2.2K	5% 1/10W
R618	1-216-051-00	CHIP	1.2K	5% 1/10W
R701	1-216-829-11	CHIP	4.7K	5% 1/16W
R702	1-216-835-11	CHIP	15K	5% 1/16W
R703	1-216-844-11	CHIP	82K	5% 1/16W
• R704	1-216-833-11	CHIP	10K	5% 1/16W
R705	1-216-845-11	CHIP	100K	5% 1/16W
R706	1-216-853-11	CHIP	470K	5% 1/16W
R707	1-218-696-11	METAL CHIP	1.5K	0.5% 1/16W
R708	1-216-841-11	CHIP	47K	5% 1/16W

Ref. No.	Part No.	Description		Remark
R709	1-216-849-11	CHIP	220K	5% 1/16W
• R710	1-216-833-11	CHIP	10K	5% 1/16W
R711	1-216-852-11	CHIP	390K	5% 1/16W
R712	1-216-827-11	CHIP	3.3K	5% 1/16W
R713	1-218-703-11	METAL CHIP	3.0K	0.5% 1/16W
R714	1-216-827-11	CHIP	3.3K	5% 1/16W
R715	1-216-848-11	CHIP	180K	5% 1/16W
R716	1-218-729-11	METAL CHIP	36K	0.5% 1/16W
R717	1-216-809-11	CHIP	100	5% 1/16W
R718	1-216-849-11	CHIP	220K	5% 1/16W
R719	1-216-853-11	CHIP	470K	5% 1/16W
R720	1-216-853-11	CHIP	470K	5% 1/16W
R723	1-216-839-11	CHIP	33K	5% 1/16W
R725	1-216-841-11	CHIP	47K	5% 1/16W
R726	1-218-729-11	METAL CHIP	36K	0.5% 1/16W
R727	1-216-835-11	CHIP	15K	5% 1/16W
R728	1-218-703-11	METAL CHIP	3.0K	0.5% 1/16W
R731	1-218-696-11	METAL CHIP	1.5K	0.5% 1/16W
R732	1-216-835-11	CHIP	15K	5% 1/16W
R733	1-216-845-11	CHIP	100K	5% 1/16W
R734	1-216-823-11	CHIP	1.5K	5% 1/16W
R735	1-216-864-11	CONDUCTOR, CHIP		
R736	1-216-841-11	CHIP	47K	5% 1/16W
R737	1-216-837-11	CHIP	22K	5% 1/16W
R738	1-218-707-11	CHIP	4.3K	5% 1/16W
R739	1-216-822-11	CHIP	1.2K	5% 1/16W
• R740	1-216-821-71	CHIP	1K	5% 1/16W
R741	1-216-840-11	CHIP	39K	5% 1/16W
R745	1-218-883-11	CHIP	33K	0.5% 1/16W
R746	1-218-883-11	CHIP	33K	0.5% 1/16W
R747	1-216-009-00	CHIP	22	5% 1/10W
R748	1-218-903-11	CHIP	220K	0.5% 1/16W
R749	1-218-903-11	CHIP	220K	0.5% 1/16W
R750	1-216-009-00	CHIP	22	5% 1/10W
• R765	1-216-833-11	CHIP	10K	5% 1/16W
R769	1-218-286-11	CHIP	91	5% 1/16W
• R770	1-216-833-11	CHIP	10K	5% 1/16W
R771	1-216-840-11	CHIP	39K	5% 1/16W
• R772	1-216-833-11	CHIP	10K	5% 1/16W
R773	1-216-845-11	CHIP	100K	5% 1/16W
R774	1-216-829-11	CHIP	4.7K	5% 1/16W
R775	1-216-840-11	CHIP	39K	5% 1/16W
< NETWORK RESISTOR >				
• RB111	1-233-813-21	NETWORK 150		
• RB112	1-233-813-21	NETWORK 150		
• RB113	1-233-813-21	NETWORK 150		
• RB114	1-233-813-21	NETWORK 150		
• RB115	1-233-813-21	NETWORK 150		
• RB116	1-233-813-21	NETWORK 150		
• RB117	1-233-813-21	NETWORK 150		
• RB118	1-233-813-21	NETWORK 150		

Ref. No.	Part No.	Description	Remark
		< VARIABLE RESISTOR >	
		< SWITCH >	
	* S301	1-570-953-21 PUSH SWITCH (KEY)	
		< VIBRATOR >	
X101	1-760-566-21	VIBRATOR, CRYSTAL (67.73MHz)	
X201	1-760-567-21	VIBRATOR, CRYSTAL (53.69MHz)	

PU-18 (-31/-41)

**PU-18 (-52/-62)**

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	A-6423-447-A	PU-18 BOARD, COMPLETE	(5500 : -52/-62)	*	C205	1-164-156-11 CERAMIC CHIP	0.1uF 25V
*	A-6423-470-A	PU-18 BOARD, COMPLETE	(5501 : -52/-62)	*	C206	1-164-156-11 CERAMIC CHIP	0.1uF 25V
*	A-6423-471-A	PU-18 BOARD, COMPLETE	(5502 : -52/-62)	*	C208	1-164-156-11 CERAMIC CHIP	0.1uF 25V
*	A-6423-506-A	PU-18 BOARD, COMPLETE	(5503 : -52/-62)	*	C209	1-164-156-11 CERAMIC CHIP	0.1uF 25V
*****				*	C210	1-164-156-11 CERAMIC CHIP	0.1uF 25V
*	3-973-812-01	COVER, PUSH SWITCH		*	C211	1-162-964-11 CERAMIC CHIP	1000PF 10% 50V
	3-974-533-03	SHIELD A		*	C212	1-164-156-11 CERAMIC CHIP	0.1uF 25V
< CAPACITOR >				*	C213	1-164-156-11 CERAMIC CHIP	0.1uF 25V
* C100	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	*	C214	1-164-156-11 CERAMIC CHIP	0.1uF 25V
* C101	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	*	C215	1-164-156-11 CERAMIC CHIP	0.1uF 25V
* C102	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C216	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C103	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	* C217	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C104	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C218	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C105	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C219	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C106	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C220	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C108	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C221	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C109	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C222	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C110	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C223	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C111	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C224	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C112	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C225	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C113	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C226	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C114	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C227	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C115	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C228	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C116	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C231	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
C117	1-163-021-11	CERAMIC	0.01uF 10% 50V	* C232	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
C124	1-115-156-11	CERAMIC	1uF 10V	* C235	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
* C125	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	* C237	1-216-864-91	CONDUCTOR, CHIP (5500/5502)	
* C126	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	* C237	1-164-156-91	CERAMIC CHIP	0.1uF 25V
* C127	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C238	1-163-021-11	CERAMIC	0.01uF 10% 50V
* C128	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C239	1-163-275-11	CERAMIC	1000PF 5% 50V
* C129	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C240	1-163-021-11	CERAMIC	0.01uF 10% 50V
* C130	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C241	1-163-021-11	CERAMIC	0.01uF 10% 50V
* C131	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C242	1-163-021-11	CERAMIC	0.01uF 10% 50V
* C132	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	C243	1-163-021-11	CERAMIC	0.01uF 10% 50V
* C133	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C244	1-162-927-71	CERAMIC CHIP	100PF 5% 50V
* C134	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C245	1-162-927-71	CERAMIC CHIP	100PF 5% 50V
* C135	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C301	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
C136	1-163-021-11	CERAMIC	0.01uF 10% 50V	C302	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C137	1-163-275-11	CERAMIC	1000PF 5% 50V	* C304	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C138	1-163-021-11	CERAMIC	0.01uF 10% 50V	* C305	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C139	1-163-021-11	CERAMIC	0.01uF 10% 50V	* C306	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C140	1-163-021-11	CERAMIC	0.01uF 10% 50V	* C307	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C144	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C310	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C145	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C314	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C155	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	* C315	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C157	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	C316	1-163-021-11	CERAMIC	0.01uF 10% 50V
C158	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	* C323	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C159	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	C324	1-115-156-11	CERAMIC	1uF 10V
* C201	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C325	1-126-205-11	ELECT	47uF 20% 6.3V
* C202	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C326	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C203	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C327	1-115-156-11	CERAMIC	1uF 10V
* C204	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C333	1-115-156-11	CERAMIC	1uF 10V

PU-18 (-52/-62)

(5501/5502/5503)  
 CN102 1-778-822-21 CONNECTOR FCC/EPIC (LIF(NON-ZIF)) 10P  
 CN102 1-770-305-11 CONNECTOR FCC/EPIC (LIF(NON-ZIF)) 10P (5500)

Ref. No.	Part No.	Description	Remark
C625	1-163-021-11	CERAMIC	
* C626	1-163-021-11	CERAMIC	
* C701	1-164-156-11	CERAMIC CHIP	
* C702	1-164-156-11	CERAMIC CHIP	
* C703	1-162-970-11	CERAMIC CHIP	
C704	1-162-967-11	CERAMIC CHIP	
C705	1-126-191-11	ELECT	
* C706	1-162-927-71	CERAMIC CHIP	
C707	1-164-227-11	CERAMIC CHIP	
C708	1-162-965-11	CERAMIC CHIP	
C709	1-164-174-11	CERAMIC CHIP	
C711	1-135-099-91	TANTALUM CHIP	
C712	1-164-730-11	CERAMIC CHIP	
C713	1-164-730-11	CERAMIC CHIP	
C714	1-162-968-11	CERAMIC CHIP	
C715	1-165-176-11	CERAMIC CHIP	
* C716	1-164-156-11	CERAMIC CHIP	
C719	1-165-176-11	CERAMIC CHIP	
C720	1-162-962-11	CERAMIC CHIP	
C722	1-164-730-11	CERAMIC CHIP	
C723	1-164-730-11	CERAMIC CHIP	
C724	1-107-826-11	CERAMIC CHIP	
C725	1-162-962-11	CERAMIC CHIP	
C726	1-107-826-11	CERAMIC CHIP	
C728	1-162-926-11	CERAMIC CHIP	
* C729	1-164-156-11	CERAMIC CHIP	
C731	1-128-004-11	ELECT CHIP	
C734	1-128-004-11	ELECT CHIP	
* C735	1-162-927-71	CERAMIC CHIP	
C736	1-104-847-11	TANTALUM CHIP	
C737	1-104-847-11	TANTALUM CHIP	
C738	1-126-205-11	ELECT	
* C739	1-162-964-11	CERAMIC CHIP	
C740	1-104-847-11	TANTALUM CHIP	
C741	1-104-847-11	TANTALUM CHIP	
C742	1-107-826-11	CERAMIC CHIP	
* C743	1-164-156-11	CERAMIC CHIP	
* C744	1-164-156-11	CERAMIC CHIP	
C745	1-128-004-11	ELECT CHIP	
* C746	1-164-156-11	CERAMIC CHIP	
* C748	1-164-156-11	CERAMIC CHIP	
* C754	1-164-156-11	CERAMIC CHIP	
* C755	1-164-156-11	CERAMIC CHIP	
C756	1-124-778-00	ELECT	
C761	1-165-176-11	CERAMIC CHIP	
* C762	1-164-156-11	CERAMIC CHIP	
* C763	1-164-156-11	CERAMIC CHIP	
* C764	1-162-927-71	CERAMIC CHIP	

< CONNECTOR >

Ref. No.	Part No.	Description	Remark
C401	1-164-156-11	CERAMIC CHIP	
* C402	1-164-156-11	CERAMIC CHIP	
* C403	1-164-156-11	CERAMIC CHIP	
* C404	1-162-964-11	CERAMIC CHIP	
* C405	1-164-156-11	CERAMIC CHIP	
C406	1-128-004-11	ELECT CHIP	
C407	1-128-004-11	ELECT CHIP	
* C408	1-164-156-11	CERAMIC CHIP	
C423	1-128-004-11	ELECT CHIP	
C424	1-128-004-11	ELECT CHIP	
* C432	1-164-156-11	CERAMIC CHIP	
C443	1-124-778-00	ELECT	
C444	1-163-021-11	CERAMIC	
C445	1-163-021-11	CERAMIC	
C501	1-162-910-11	CERAMIC CHIP	
C502	1-162-923-11	CERAMIC CHIP	
* C504	1-164-156-11	CERAMIC CHIP	
* C505	1-164-156-11	CERAMIC CHIP	
* C506	1-164-156-11	CERAMIC CHIP	
* C507	1-164-156-11	CERAMIC CHIP	
C508	1-126-205-11	ELECT	
* C509	1-164-156-11	CERAMIC CHIP	
* C510	1-164-156-11	CERAMIC CHIP	
C511	1-128-004-11	ELECT CHIP	
* C512	1-164-156-11	CERAMIC CHIP	
C513	1-126-206-11	ELECT	
C518	1-126-210-21	ELECT	
C519	1-128-004-11	ELECT CHIP	
C522	1-126-210-21	ELECT	
C523	1-164-381-91	CERAMIC CHIP	
C524	1-164-156-11	CERAMIC CHIP	
C527	1-126-210-21	ELECT	
C528	1-126-210-21	ELECT	
* C529	1-162-927-71	CERAMIC CHIP	
* C530	1-162-927-71	CERAMIC CHIP	
C601	1-126-204-11	ELECT	
C602	1-126-210-21	ELECT	
C605	1-126-204-11	ELECT	
C606	1-163-021-11	CERAMIC	
* C607	1-164-156-11	CERAMIC CHIP	
* C608	1-164-156-11	CERAMIC CHIP	
C611	1-128-004-11	ELECT CHIP	
C615	1-104-851-11	TANTALUM CHIP	
C616	1-124-778-00	ELECT	
C617	1-104-908-11	TANTALUM CHIP	
* C620	1-162-964-11	CERAMIC CHIP	
C621	1-115-156-11	CERAMIC	
* C622	1-162-964-11	CERAMIC CHIP	
C624	1-128-004-11	ELECT CHIP	

(5500/5501/5503)

**PU-18 (-52/-62)**

Ref. No.	Part No.	Description	Remark
• CN103	1-770-129-21	CONNECTOR, SQUARE 68P	
• CN104	1-779-028-11	CONNECTOR, SQUARE 8P	
• CN502	1-779-029-11	CONNECTOR, SQUARE 12P	
CN602	1-766-278-11	PIN, CONNECTOR (PC BOARD) 5P	
CN701	1-573-290-21	PIN, CONNECTOR (1.5mm) (SMD) 4P	
CN702	1-779-071-21	CONNECTOR, FFC/FPC (LIF(NON-ZIF)) 16P	
< DIODE >			
D101	8-719-036-80	DIODE RD3. 9SB-T1	
D102	8-719-036-80	DIODE RD3. 9SB-T1	
D103	8-719-036-80	DIODE RD3. 9SB-T1	
D104	8-719-036-80	DIODE RD3. 9SB-T1	
D105	8-719-036-80	DIODE RD3. 9SB-T1	
D106	8-719-036-80	DIODE RD3. 9SB-T1	
D107	8-719-036-80	DIODE RD3. 9SB-T1	
D108	8-719-036-80	DIODE RD3. 9SB-T1	
D109	8-719-036-80	DIODE RD3. 9SB-T1	
D110	8-719-036-80	DIODE RD3. 9SB-T1	
D111	8-719-036-80	DIODE RD3. 9SB-T1	
D112	8-719-036-80	DIODE RD3. 9SB-T1	
D114	8-719-036-80	DIODE RD3. 9SB-T1	
D118	8-719-423-30	DIODE MA8120-TX	
D119	8-719-423-30	DIODE MA8120-TX	
D401	8-719-941-09	DIODE DAP202UT106	
D406	8-719-036-80	DIODE RD3. 9SB-T1	
D407	8-719-036-80	DIODE RD3. 9SB-T1	
D408	8-719-036-80	DIODE RD3. 9SB-T1	
D409	8-719-036-80	DIODE RD3. 9SB-T1	
D501	8-719-423-30	DIODE MA8120-TX	
D502	8-719-423-30	DIODE MA8120-TX	
D503	8-719-423-30	DIODE MA8120-TX	
D504	8-719-423-30	DIODE MA8120-TX	
D505	8-719-423-30	DIODE MA8120-TX	
D506	8-719-423-30	DIODE MA8120-TX	
D507	8-719-423-30	DIODE MA8120-TX	
D509	8-719-423-30	DIODE MA8120-TX	
D510	8-719-423-30	DIODE MA8120-TX	
D511	8-719-423-30	DIODE MA8120-TX	
D701	8-719-423-30	DIODE MA8120-TX	
D702	8-719-423-30	DIODE MA8120-TX	
D703	8-719-423-30	DIODE MA8120-TX	
D704	8-719-423-30	DIODE MA8120-TX	
< FERRITE BEAD >			
FB102	1-500-104-21	BEAD, FERRITE (SMD)	
FB104	1-500-104-21	BEAD, FERRITE (SMD)	
FB105	1-216-176-11	CHIP 120	5% 1/8W
FB401	1-414-555-21	INDUCTOR (CHIP)	
FB402	1-414-555-21	INDUCTOR (CHIP)	
FB501	1-414-235-11	BEAD, FERRITE (SMD)	
FB502	1-500-113-21	BEAD, FERRITE (CHIP)	
FB601	1-414-235-11	BEAD, FERRITE (SMD)	
FB701	1-500-449-21	BEAD, FERRITE (SMD)	

Ref. No.	Part No.	Description	Remark
FB702	1-500-449-21	BEAD, FERRITE (SMD)	
FB703	1-500-449-21	BEAD, FERRITE (SMD)	
FB704	1-500-449-21	BEAD, FERRITE (SMD)	
< BEAD, FERRITE >			
FL101	1-414-235-11	BEAD, FERRITE (SMD)	
FL102	1-414-235-11	BEAD, FERRITE (SMD)	
FL103	1-414-235-11	BEAD, FERRITE (SMD)	
FL104	1-414-235-11	BEAD, FERRITE (SMD)	
FL105	1-550-056-21	BEAD, FERRITE (CHIP)	
FL106	1-550-056-21	BEAD, FERRITE (CHIP)	
FL107	1-500-113-11	BEAD, FERRITE (CHIP)	
FL108	1-500-113-11	BEAD, FERRITE (CHIP)	
FL109	1-500-113-11	BEAD, FERRITE (CHIP)	
FL110	1-500-113-11	BEAD, FERRITE (CHIP)	
FL111	1-500-113-11	BEAD, FERRITE (CHIP)	
FL112	1-500-113-11	BEAD, FERRITE (CHIP)	
• FL113	1-216-029-00	CHIP 150	5% 1/10W
FL116	1-216-027-00	CHIP 120	5% 1/10W
• FL117	1-216-029-00	CHIP 150	5% 1/10W
• FL118	1-216-029-00	CHIP 150	5% 1/10W
• FL129	1-216-029-00	CHIP 150	5% 1/10W
FL130	1-216-027-00	CHIP 120	5% 1/10W
• FL141	1-216-029-00	CHIP 150	5% 1/10W
• FL142	1-216-029-00	CHIP 150	5% 1/10W
• FL143	1-216-029-00	CHIP 150	5% 1/10W
• FL144	1-216-029-00	CHIP 150	5% 1/10W
FL146	1-216-027-00	CHIP 120	5% 1/10W
• FL147	1-216-029-00	CHIP 150	5% 1/10W
• FL148	1-216-029-00	CHIP 150	5% 1/10W
• FL159	1-216-029-00	CHIP 150	5% 1/10W
• FL160	1-216-029-00	CHIP 150	5% 1/10W
FL170	1-216-027-00	CHIP 120	5% 1/10W
• FL171	1-216-029-00	CHIP 150	5% 1/10W
• FL172	1-216-029-00	CHIP 150	5% 1/10W
FL173	1-500-113-11	BEAD, -FERRITE (CHIP)	
< IC >			
• IC102	8-759-487-22	IC MSM534031E-01GS-KPR2	(5500)
• IC102	8-759-487-23	IC MSM534031E-04GS-KPR2	(5502)
• IC102	8-759-469-68	IC KM23V4000CG-15-KF5315W-TER	(5501/5503)
• IC103	8-759-387-16	IC CXD8606Q	
• IC106	8-759-291-76	IC KM48V514BJ-6-TEL	
• IC107	8-759-291-76	IC KM48V514BJ-6-TEL	
• IC108	8-759-291-76	IC KM48V514BJ-6-TEL	
• IC109	8-759-291-76	IC KM48V514BJ-6-TEL	
IC201	8-759-369-81	IC KM4132G271Q-12	
• IC202	8-759-440-92	IC TDA8771AH/C1/R1, 518	(5500/5502)
• IC202	8-759-478-55	IC MC141685FTEB	(5501/5503)
• IC203	8-759-366-69	IC CXD8561Q	
• IC303	8-752-386-16	IC CXK5V8257BTM-10LL-T6	



The components identified by  
 mark Δ or dotted line with  
 safety. Replace only with  
 part number specified.  
 Les composants identifiés  
 par une marque Δ sont  
 critiques pour la sécurité.  
 Ne les remplacer que par une pièce  
 portant le numéro spécifié.

* R147	1-216-801-71 CHIP	5%	1/16W
* R146	1-216-821-71 CHIP	5%	1/16W
* R145	1-216-801-71 CHIP	5%	1/16W
* R144	1-216-801-71 CHIP	5%	1/16W
* R143	1-216-801-71 CHIP	5%	1/16W
R142	1-216-817-11 CHIP	5%	470
R141	1-216-817-11 CHIP	5%	470
R140	1-216-817-11 CHIP	5%	470
R139	1-216-817-11 CHIP	5%	470
R138	1-216-805-11 CHIP	5%	47
R137	1-216-805-11 CHIP	5%	47
R136	1-216-817-11 CHIP	5%	470
R135	1-216-817-11 CHIP	5%	470
* R134	1-216-821-71 CHIP	5%	1K
* R133	1-216-821-71 CHIP	5%	1K
* R132	1-216-821-71 CHIP	5%	1K
* R131	1-216-833-11 CHIP	5%	10K
* R130	1-216-833-11 CHIP	5%	10K
* R129	1-216-801-71 CHIP	5%	22
* R128	1-216-801-71 CHIP	5%	22
* R127	1-216-801-71 CHIP	5%	22
* R126	1-216-801-71 CHIP	5%	22
* R125	1-216-801-71 CHIP	5%	22
* R124	1-216-801-71 CHIP	5%	22
* R123	1-216-801-71 CHIP	5%	22
* R122	1-216-801-71 CHIP	5%	22
* R115	1-216-801-71 CHIP	5%	22
* R114	1-216-801-71 CHIP	5%	22
* R113	1-216-801-71 CHIP	5%	22
* R112	1-216-801-71 CHIP	5%	22
* R111	1-216-801-71 CHIP	5%	22
R110	1-216-809-11 CHIP	5%	100
R109	1-216-809-11 CHIP	5%	100
R108	1-216-809-11 CHIP	5%	100
R107	1-216-009-00 CHIP	5%	22
* R104	1-216-801-71 CHIP	5%	22
R103	1-216-813-11 CHIP	5%	220

< RESISTOR >

Q702	8-729-027-56 TRANSISTOR	DTC1437KA-T146
Q701	8-729-920-79 TRANSISTOR	ZSB1132-T100-QR
Q611	8-729-901-80 TRANSISTOR	ZSC2412K-T-96-Q
Q610	8-729-901-80 TRANSISTOR	ZSC2412K-T-96-Q
Q609	8-729-141-50 TRANSISTOR	ZSB62411-BV345
Q506	8-729-141-50 TRANSISTOR	ZSB62411-BV345
Q505	8-729-901-80 TRANSISTOR	ZSC2412K-T-96-Q
Q503	8-729-026-48 TRANSISTOR	ZSA1037AK-T146-Q
Q502	8-729-026-48 TRANSISTOR	ZSA1037AK-T146-Q
Q501	8-729-026-48 TRANSISTOR	ZSA1037AK-T146-Q
Q404	8-729-921-78 TRANSISTOR	ZSD1781K-T146-R
Q403	8-729-921-78 TRANSISTOR	ZSD1781K-T146-R
Q402	8-729-027-38 TRANSISTOR	DTA144EKA-T146
Q401	8-729-027-59 TRANSISTOR	DTC144EKA-T146

Remark

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Q104	8-729-027-43 TRANSISTOR	DTC114EK-T146
Q103	8-729-027-43 TRANSISTOR	DTC114EK-T146
Q102	8-729-027-43 TRANSISTOR	DTC114EK-T146
Q101	8-729-027-43 TRANSISTOR	DTC114EK-T146

< TRANSISTOR >

ΔPS605	1-576-259-21 LINK IC	(5501/5502/5503)
ΔPS605	1-533-915-21 LINK IC	(5500)
ΔPS604	1-533-282-21 LINK IC	(5501/5502/5503)
ΔPS604	1-533-397-21 LINK IC	(5500)
ΔPS603	1-576-123-21 LINK IC	(5501/5502/5503)
ΔPS603	1-533-808-21 LINK IC	(5500)
ΔPS602	1-576-123-21 LINK IC	(5501/5502/5503)
ΔPS602	1-533-808-21 LINK IC	(5500)
ΔPS601	1-576-123-21 LINK IC	(5501/5502/5503)
ΔPS601	1-533-808-21 LINK IC	(5500)

< IC LINK >

L711	1-412-951-11 INDUCTOR	10uH
L701	1-412-951-11 INDUCTOR	10uH
L607	1-412-052-21 INDUCTOR	1uH
L606	1-412-052-21 INDUCTOR	1uH
L605	1-410-378-11 INDUCTOR (CHIP)	5.6uH
L604	1-410-733-11 INDUCTOR (CHIP)	0.22uH
L601	1-412-052-21 INDUCTOR	1uH
L507	1-412-957-11 INDUCTOR	33uH
L401	1-412-951-11 INDUCTOR	10uH
L304	1-412-951-11 INDUCTOR	10uH
L303	1-412-951-11 INDUCTOR	10uH
L111	1-412-052-21 INDUCTOR	1uH
L110	1-412-052-21 INDUCTOR	1uH
L106	1-412-052-21 INDUCTOR	1uH
L105	1-412-052-21 INDUCTOR	1uH
L104	1-412-052-21 INDUCTOR	1uH
L102	1-412-052-21 INDUCTOR	1uH
L101	1-412-052-21 INDUCTOR	1uH

< INDUCTOR >

* IC708	8-759-344-00 IC	NJM2100E (TE2)
* IC706	8-759-452-25 IC	uPC5023GR-118-GJG-E2
* IC704	8-759-453-91 IC	BA6392FP-E2
IC703	8-752-070-80 IC	CXA1791N-T4
IC702	8-759-330-83 IC	NJM2904M (TE2)
IC701	8-752-369-78 IC	CXD2545Q
IC601	8-759-284-63 IC	TA78M05F (TE16L)
IC501	8-752-068-44 IC	CXA1645M-T6
* IC402	8-759-445-70 IC	AK4309A-VW-E2
IC310	8-759-342-01 IC	MB814260-70PJER
* IC308	8-752-380-05 IC	CXD2925Q
IC305	8-752-377-68 IC	CXD1815Q
* IC304	8-759-469-70 IC	MC68HC0566-SC430929PBBE1 (5501)
* IC304	8-759-469-65 IC	MC68HC0566-SC430929PBBE1 (5502)
* IC304	8-759-458-08 IC	MC68HC0566PB-SC430925PBBE (5500/5503)

Remark

**PU-18 (-52/-62)**

Ref. No.	Part No.	Description	Remark
* R148	1-216-821-71	CHIP	1K 5% 1/16W
* R149	1-414-482-21	INDUCTOR (CHIP)	82uH
R150	1-216-805-11	CHIP	47 5% 1/16W
* R152	1-216-801-71	CHIP	22 5% 1/16W
* R153	1-216-801-71	CHIP	22 5% 1/16W
R154	1-216-815-11	CHIP	330 5% 1/16W
* R155	1-216-833-11	CHIP	10K 5% 1/16W
R201	1-216-831-91	CHIP	6. 8K
R201	1-216-819-91	CHIP	680 5% 1/16W (5500/5502) (5501/5503)
R202	1-550-907-21	BEAD, FERRITE (CHIP)	
R204	1-216-813-11	CHIP	220 5% 1/16W
* R206	1-216-801-71	CHIP	22 5% 1/16W
R207	1-216-829-11	CHIP	4. 7K 5% 1/16W
* R208	1-216-801-71	CHIP	22 5% 1/16W
* R209	1-216-801-71	CHIP	22 5% 1/16W
* R210	1-216-801-71	CHIP	22 5% 1/16W
* R211	1-216-801-71	CHIP	22 5% 1/16W
* R212	1-216-801-71	CHIP	22 5% 1/16W
* R213	1-216-801-71	CHIP	22 5% 1/16W
* R214	1-216-801-71	CHIP	22 5% 1/16W
R215	1-216-829-11	CHIP	4. 7K 5% 1/16W
R217	1-216-864-11	CONDUCTOR, CHIP	
* R301	1-216-833-11	CHIP	10K 5% 1/16W
* R302	1-216-833-11	CHIP	10K 5% 1/16W
* R303	1-216-821-71	CHIP	1K 5% 1/16W
* R304	1-216-821-71	CHIP	1K 5% 1/16W
* R305	1-216-821-71	CHIP	1K 5% 1/16W
R320	1-218-285-11	CHIP	75 5% 1/16W
* R323	1-216-821-71	CHIP	1K 5% 1/16W
* R324	1-216-821-71	CHIP	1K 5% 1/16W
* R325	1-216-821-71	CHIP	1K 5% 1/16W
* R328	1-216-833-11	CHIP	10K 5% 1/16W
* R330	1-216-833-11	CHIP	10K 5% 1/16W
R331	1-216-813-11	CHIP	220 5% 1/16W
R332	1-550-907-21	BEAD, FERRITE (CHIP)	
* R335	1-216-801-71	CHIP	22 5% 1/16W
R338	1-216-830-11	CHIP	5. 6K 5% 1/16W
* R339	1-216-821-71	CHIP	1K 5% 1/16W
* R340	1-216-801-71	CHIP	22 5% 1/16W
* R341	1-216-801-71	CHIP	22 5% 1/16W
* R342	1-216-801-71	CHIP	22 5% 1/16W
R423	1-216-845-11	CHIP	100K 5% 1/16W
R424	1-216-845-11	CHIP	100K 5% 1/16W
* R425	1-216-821-71	CHIP	1K 5% 1/16W
* R426	1-216-821-71	CHIP	1K 5% 1/16W
* R427	1-216-821-71	CHIP	1K 5% 1/16W
* R428	1-216-821-71	CHIP	1K 5% 1/16W
R429	1-216-809-11	CHIP	100 5% 1/16W
R430	1-216-809-11	CHIP	100 5% 1/16W
R443	1-216-295-91	CONDUCTOR, CHIP	(5503)
R444	1-216-797-11	CHIP	10 5% 1/16W

Ref. No.	Part No.	Description	Remark
R445	1-216-813-11	CHIP	220 5% 1/16W
R446	1-216-826-11	CHIP	2. 7K 5% 1/16W
* R447	1-216-833-11	CHIP	10K 5% 1/16W
R501	1-216-825-11	CHIP	2. 2K 5% 1/16W
R502	1-216-825-11	CHIP	2. 2K 5% 1/16W
* R503	1-216-039-91	CHIP	390
* R503	1-216-029-91	CHIP	150 5% 1/10W (5500/5502) (5501/5503)
* R504	1-216-039-91	CHIP	390
* R504	1-216-029-91	CHIP	150 5% 1/10W (5500/5502) (5501/5503)
* R505	1-216-039-91	CHIP	390
* R505	1-216-029-91	CHIP	150 5% 1/10W (5500/5502) (5501/5503)
* R510	1-216-821-71	CHIP	1K 5% 1/16W
* R511	1-216-821-71	CHIP	1K 5% 1/16W
* R512	1-216-821-71	CHIP	1K 5% 1/16W
R515	1-216-089-91	CHIP	47K 5% 1/10W
R516	1-218-292-91	CHIP	20K 5% 1/16W (5500/5501/5503)
R516	1-218-876-91	CHIP	16K 0. 5% 1/16W (5502)
R517	1-218-285-11	CHIP	75 5% 1/16W
R518	1-218-285-11	CHIP	75 5% 1/16W
R519	1-218-285-11	CHIP	75 5% 1/16W
R520	1-218-285-11	CHIP	75 5% 1/16W
R521	1-218-285-11	CHIP	75 5% 1/16W
R522	1-218-285-11	CHIP	75 5% 1/16W
R527	1-216-079-00	CHIP	18K 5% 1/10W
R528	1-216-049-91	CHIP	1K 5% 1/10W
R529	1-216-067-00	CHIP	5. 6K 5% 1/10W
R530	1-216-304-11	CHIP	3. 3 5% 1/10W
R541	1-216-045-91	CHIP	680 5% 1/10W (5500/5502) (5501/5503)
R541	1-216-295-91	CONDUCTOR, CHIP	(5501/5503)
R542	1-216-045-91	CHIP	680 5% 1/10W (5500/5502)
R542	1-216-295-91	CONDUCTOR, CHIP	(5501/5503)
R543	1-216-045-91	CHIP	680 5% 1/10W (5500/5502) (5501/5503)
R543	1-216-295-91	CONDUCTOR, CHIP	(5501/5503)
R602	1-216-864-11	CONDUCTOR, CHIP	
* R606	1-216-821-71	CHIP	1K 5% 1/16W
R615	1-216-053-00	CHIP	1. 5K 5% 1/10W
R616	1-216-062-00	CHIP	3. 6K 5% 1/10W
R617	1-216-057-00	CHIP	2. 2K 5% 1/10W
R618	1-216-051-00	CHIP	1. 2K 5% 1/10W
R701	1-216-829-11	CHIP	4. 7K 5% 1/16W
R702	1-216-835-11	CHIP	15K 5% 1/16W
R703	1-216-844-11	CHIP	82K 5% 1/16W
* R704	1-216-833-11	CHIP	10K 5% 1/16W
R705	1-216-845-11	CHIP	100K 5% 1/16W

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Ref. No.	Part No.	Description	Remark
R706	1-216-853-11	CHIP	470K 5% 1/16W
R707	1-218-696-11	METAL CHIP	1.5K 0.5% 1/16W
R708	1-216-841-11	CHIP	47K 5% 1/16W
R709	1-216-849-11	CHIP	220K 5% 1/16W
* R710	1-216-833-11	CHIP	10K 5% 1/16W
R711	1-216-852-11	CHIP	390K 5% 1/16W
R712	1-216-827-11	CHIP	3.3K 5% 1/16W
R713	1-218-703-11	METAL CHIP	3.0K 0.5% 1/16W
R714	1-216-827-11	CHIP	3.3K 5% 1/16W
R715	1-216-848-11	CHIP	180K 5% 1/16W
R716	1-218-729-11	METAL CHIP	36K 0.5% 1/16W
R717	1-216-809-11	CHIP	100 5% 1/16W
R718	1-216-849-11	CHIP	220K 5% 1/16W
R719	1-216-853-11	CHIP	470K 5% 1/16W
R720	1-216-853-11	CHIP	470K 5% 1/16W
R723	1-216-839-11	CHIP	33K 5% 1/16W
R725	1-216-841-11	CHIP	47K 5% 1/16W
R726	1-218-729-11	METAL CHIP	36K 0.5% 1/16W
R727	1-216-835-11	CHIP	15K 5% 1/16W
R728	1-218-703-11	METAL CHIP	3.0K 0.5% 1/16W
R731	1-218-696-11	METAL CHIP	1.5K 0.5% 1/16W
R732	1-216-835-11	CHIP	15K 5% 1/16W
R733	1-216-845-11	CHIP	100K 5% 1/16W
R734	1-216-823-11	CHIP	1.5K 5% 1/16W
R735	1-216-864-11	CONDUCTOR CHIP	
R736	1-216-841-11	CHIP	47K 5% 1/16W
R737	1-216-837-11	CHIP	22K 5% 1/16W
R738	1-218-707-11	CHIP	4.3K 0.5% 1/16W
R739	1-216-822-11	CHIP	1.2K 5% 1/16W
* R740	1-216-821-71	CHIP	1K 5% 1/16W
R741	1-216-840-11	CHIP	39K 5% 1/16W
R745	1-218-883-11	CHIP	33K 0.5% 1/16W
R746	1-218-883-11	CHIP	33K 0.5% 1/16W
R747	1-216-009-00	CHIP	22 5% 1/10W
R748	1-218-903-11	CHIP	220K 0.5% 1/16W
R749	1-218-903-11	CHIP	220K 0.5% 1/16W
R750	1-216-009-00	CHIP	22 5% 1/10W
* R755	1-216-833-11	CHIP	10K 5% 1/16W
* R765	1-216-833-11	CHIP	10K 5% 1/16W
* R769	1-218-286-11	CHIP	91 5% 1/16W
* R770	1-216-833-11	CHIP	10K 5% 1/16W
R771	1-216-840-11	CHIP	39K 5% 1/16W
* R772	1-216-833-11	CHIP	10K 5% 1/16W
R773	1-216-845-11	CHIP	100K 5% 1/16W
R774	1-216-829-11	CHIP	4.7K 5% 1/16W
R775	1-216-840-11	CHIP	39K 5% 1/16W
R777	1-216-864-11	CONDUCTOR CHIP	
R778	1-216-864-11	CONDUCTOR CHIP	
R780	1-216-864-11	CONDUCTOR CHIP	
R901	1-216-864-91	CONDUCTOR CHIP	
R902	1-216-864-91	CONDUCTOR CHIP	
R903	1-216-864-91	CONDUCTOR CHIP	
R907	1-216-864-91	CONDUCTOR CHIP	

Ref. No.	Part No.	Description	Remark
* RB111	1-233-813-21	NETWORK 150	
* RB112	1-233-813-21	NETWORK 150	
* RB113	1-233-813-21	NETWORK 150	
* RB114	1-233-813-21	NETWORK 150	
* RB115	1-233-813-21	NETWORK 150	
* RB116	1-233-813-21	NETWORK 150	
* RB117	1-233-813-21	NETWORK 150	
* RB118	1-233-813-21	NETWORK 150	
< NETWORK RESISTOR >			
< VARIABLE RESISTOR >			
RW703	1-223-588-11	RES. ADJ. CARBON 47K	
< SWITCH >			
* S301	1-570-953-21	PUSH SWITCH (KEY)	
< VIBRATOR >			
X101	1-760-566-22	VIBRATOR CRYSTAL (67.73MHz)	
X201	1-760-567-21	VIBRATOR CRYSTAL (53.69MHz)	
X201	1-760-568-21	VIBRATOR CRYSTAL (53.20MHz)	

.....  
 (5500/5501/5503)  
 (5502)

**PU-18 (-72/-82)**

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	A-6423-460-A	PU-18 BOARD, COMPLETE	(5500 : -72/-82)	C159	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
*	A-6423-490-A	PU-18 BOARD, COMPLETE	(5502 : -72/-82)	C162	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
*	A-6423-491-A	PU-18 BOARD, COMPLETE	(5501 : -72/-82)	* C201	1-164-156-11	CERAMIC CHIP	0.1uF 25V
*	A-6423-507-A	PU-18 BOARD, COMPLETE	(5503 : -72/-82)	* C202	1-164-156-11	CERAMIC CHIP	0.1uF 25V
*****				* C203	1-164-156-11	CERAMIC CHIP	0.1uF 25V
*	3-973-812-01	COVER, PUSH SWITCH		* C204	1-164-156-11	CERAMIC CHIP	0.1uF 25V
< CAPACITOR >				* C205	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C100	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C206	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C101	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C208	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C102	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C209	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C103	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	* C210	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C104	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C211	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
* C105	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C212	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C106	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C213	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C108	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C214	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C109	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C215	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C110	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C216	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C111	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C217	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C112	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C218	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C113	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C219	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C114	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C220	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C115	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	* C221	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C116	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C222	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C117	1-164-232-11	CERAMIC	0.01uF 10% 50V	* C223	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C118	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C224	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C119	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	* C225	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C120	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C226	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C121	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	* C227	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C122	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	* C228	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C123	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	* C231	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
C124	1-115-156-11	CERAMIC	1uF 10V	* C232	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
* C125	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	* C235	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
* C126	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	* C237	1-164-156-11	CERAMIC CHIP	0.1uF 25V #
* C127	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C238	1-164-232-11	CERAMIC	0.01uF 10% 50V
* C128	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C239	1-163-275-11	CERAMIC	1000PF 5% 50V
* C129	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C240	1-164-232-11	CERAMIC	0.01uF 10% 50V
* C130	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C241	1-164-232-11	CERAMIC	0.01uF 10% 50V
* C131	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C242	1-164-232-11	CERAMIC	0.01uF 10% 50V
* C132	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	C243	1-164-232-11	CERAMIC	0.01uF 10% 50V
* C133	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C244	1-162-927-71	CERAMIC CHIP	100PF 5% 50V
* C134	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C245	1-162-927-71	CERAMIC CHIP	100PF 5% 50V
* C135	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C301	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
C136	1-164-232-11	CERAMIC	0.01uF 10% 50V	C302	1-162-970-11	CERAMIC CHIP	0.1uF 10% 25V
C137	1-163-275-11	CERAMIC	1000PF 5% 50V	* C304	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C138	1-164-232-11	CERAMIC	0.01uF 10% 50V	* C305	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C139	1-164-232-11	CERAMIC	0.01uF 10% 50V	* C306	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C140	1-164-232-11	CERAMIC	0.01uF 10% 50V	* C307	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C144	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C310	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C145	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C314	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C155	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	* C315	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C157	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	C316	1-164-232-11	CERAMIC	0.01uF 10% 50V
C158	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	* C323	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C324	1-115-156-11	CERAMIC	1uF 10V

PU-18 (-72/-82)

Ref. No.	Part No.	Description	Remark
* C620	1-162-964-11	CERAMIC CHIP	1000PF 50V
C621	1-115-156-11	CERAMIC	1UF 10V
* C622	1-162-964-11	CERAMIC CHIP	1000PF 50V
C624	1-128-004-11	ELECT CHIP	10UF 20V
C625	1-164-232-11	CERAMIC	0.01UF 16V
* C402	1-164-156-11	CERAMIC CHIP	0.1UF 50V
* C403	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C404	1-162-964-11	CERAMIC CHIP	1000PF 25V
* C405	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C406	1-128-004-11	ELECT CHIP	10UF 10X
* C705	1-126-191-11	ELECT	0.47UF 50V
* C706	1-162-927-71	CERAMIC CHIP	100PF 50V
C707	1-164-227-11	CERAMIC CHIP	0.022UF 25V
C708	1-162-965-11	CERAMIC CHIP	1500PF 10X
C709	1-164-174-11	CERAMIC CHIP	8200PF 10X
C711	1-135-149-21	TANTLUM CHIP	2.2UF 20X
C712	1-164-730-11	CERAMIC CHIP	1200PF 50V
C713	1-164-730-11	CERAMIC CHIP	1200PF 50V
C714	1-162-968-11	CERAMIC CHIP	4700PF 10X
C715	1-165-176-11	CERAMIC CHIP	0.047UF 16V
* C716	1-164-156-11	CERAMIC CHIP	0.1UF 25V
C719	1-165-176-11	CERAMIC CHIP	0.047UF 10X
C720	1-162-962-11	CERAMIC CHIP	470PF 50V
C722	1-164-730-11	CERAMIC CHIP	1200PF 10X
C723	1-164-730-11	CERAMIC CHIP	1200PF 50V
C724	1-107-826-11	CERAMIC CHIP	0.1UF 16V
C725	1-162-962-11	CERAMIC CHIP	470PF 10X
C726	1-107-826-11	CERAMIC CHIP	0.1UF 50V
C728	1-162-926-11	CERAMIC CHIP	82PF 5X
* C729	1-164-156-11	CERAMIC CHIP	0.1UF 25V
C731	1-128-004-11	ELECT CHIP	10UF 20X
C734	1-128-004-11	ELECT CHIP	10UF 16V
* C735	1-162-927-71	CERAMIC CHIP	100PF 50V
C736	1-104-847-11	TANTLUM CHIP	22UF 20X
C737	1-104-847-11	TANTLUM CHIP	22UF 4V
C738	1-126-205-11	ELECT	47UF 20X
* C739	1-162-964-11	CERAMIC CHIP	1000PF 50V
* C740	1-104-847-11	TANTLUM CHIP	22UF 20X
C741	1-104-847-11	TANTLUM CHIP	22UF 4V
C742	1-107-826-11	CERAMIC CHIP	0.1UF 16V
* C743	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C744	1-164-156-11	CERAMIC CHIP	0.1UF 25V
C745	1-128-004-11	ELECT CHIP	10UF 20X
* C746	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C748	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C754	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C755	1-164-156-11	CERAMIC CHIP	0.1UF 25V
C756	1-124-778-00	ELECT	22UF 6.3V
C761	1-165-176-11	CERAMIC CHIP	0.047UF 16V
* C762	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C763	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C764	1-162-927-71	CERAMIC CHIP	100PF 50V

Ref. No.	Part No.	Description	Remark
C225	1-126-205-11	ELECT	47UF 20X
* C226	1-164-156-11	CERAMIC CHIP	0.1UF 50V
C227	1-115-156-11	CERAMIC	1UF 10V
C233	1-115-156-11	CERAMIC	1UF 10V
* C401	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C402	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C403	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C404	1-162-964-11	CERAMIC CHIP	1000PF 25V
* C405	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C406	1-128-004-11	ELECT CHIP	10UF 20X
C407	1-128-004-11	ELECT CHIP	10UF 16V
* C408	1-164-156-11	CERAMIC CHIP	0.1UF 25V
C423	1-128-004-11	ELECT CHIP	10UF 20X
C424	1-128-004-11	ELECT CHIP	10UF 16V
* C432	1-164-156-11	CERAMIC CHIP	0.1UF 25V
C443	1-124-778-00	ELECT	22UF 6.3V
C444	1-164-232-11	CERAMIC	0.01UF 50V
C445	1-164-232-11	CERAMIC	0.01UF 50V
C501	1-162-910-11	CERAMIC CHIP	5PF 0.25PF
C502	1-162-923-11	CERAMIC CHIP	47PF 50V
* C504	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C505	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C506	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C507	1-164-156-11	CERAMIC CHIP	0.1UF 25V
C508	1-126-205-11	ELECT	47UF 20X
* C509	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C510	1-164-156-11	CERAMIC CHIP	0.1UF 25V
C511	1-128-004-11	ELECT CHIP	10UF 16V
* C512	1-164-156-11	CERAMIC CHIP	0.1UF 25V
C513	1-126-206-11	ELECT	100UF 20X
C518	1-126-246-11	ELECT	220UF 4V
C519	1-128-004-11	ELECT CHIP	10UF 16V
C522	1-126-246-11	ELECT	220UF 4V
* C529	1-162-927-71	CERAMIC CHIP	100PF 50V
* C530	1-162-927-71	CERAMIC CHIP	100PF 50V
* C601	1-126-204-11	ELECT	47UF 20X
C602	1-126-246-11	ELECT	220UF 4V
C605	1-126-204-11	ELECT	47UF 20X
C606	1-164-232-11	CERAMIC	0.01UF 50V
* C607	1-164-156-11	CERAMIC CHIP	0.1UF 25V
* C608	1-164-156-11	CERAMIC CHIP	0.1UF 25V
C609	1-164-232-11	CERAMIC	0.01UF 50V
C611	1-128-004-11	ELECT CHIP	10UF 16V
C615	1-104-851-11	TANTLUM CHIP	10UF 20X
C616	1-124-778-00	ELECT	22UF 6.3V
C617	1-104-908-11	TANTLUM CHIP	47UF 20X

**PU-18 (-72/-82)**

Ref. No. Part No. Description Remark

< CONNECTOR >

CN102 1-770-305-11 CONNECTOR, FFC/FPC (LIF(NON-ZIF)) 10P  
 • CN103 1-770-129-11 CONNECTOR, SQUARE 68P  
 • CN104 1-779-028-11 CONNECTOR, SQUARE 8P  
 • CN502 1-779-029-11 CONNECTOR, SQUARE 12P  
 CN602 1-766-278-11 PIN, CONNECTOR (PC BOARD) 5P  
 CN701 1-573-290-21 PIN, CONNECTOR (1.5mm) (SMD) 4P  
 CN702 1-779-071-21 CONNECTOR, FFC/FPC (LIF(NON-ZIF)) 16P

< DIODE >

D101 8-719-036-80 DIODE RD3.9SB-T1  
 D102 8-719-036-80 DIODE RD3.9SB-T1  
 D103 8-719-036-80 DIODE RD3.9SB-T1  
 D104 8-719-036-80 DIODE RD3.9SB-T1  
 D105 8-719-036-80 DIODE RD3.9SB-T1  
 D106 8-719-036-80 DIODE RD3.9SB-T1  
 D107 8-719-036-80 DIODE RD3.9SB-T1  
 D108 8-719-036-80 DIODE RD3.9SB-T1  
 D109 8-719-036-80 DIODE RD3.9SB-T1  
 D110 8-719-036-80 DIODE RD3.9SB-T1  
 D111 8-719-036-80 DIODE RD3.9SB-T1  
 D112 8-719-036-80 DIODE RD3.9SB-T1  
 D114 8-719-036-80 DIODE RD3.9SB-T1  
 D118 8-719-423-30 DIODE MA8120-TX  
 D119 8-719-423-30 DIODE MA8120-TX  
 D120 8-719-036-80 DIODE RD3.9SB-T1  
 D121 8-719-423-30 DIODE MA8120-TX  
 D401 8-719-941-09 DIODE DAP202U  
 D406 8-719-036-80 DIODE RD3.9SB-T1  
 D407 8-719-036-80 DIODE RD3.9SB-T1  
 D408 8-719-036-80 DIODE RD3.9SB-T1  
 D409 8-719-036-80 DIODE RD3.9SB-T1  
 D501 8-719-423-30 DIODE MA8120-TX  
 D502 8-719-423-30 DIODE MA8120-TX  
 D503 8-719-423-30 DIODE MA8120-TX  
 D504 8-719-423-30 DIODE MA8120-TX  
 D505 8-719-423-30 DIODE MA8120-TX  
 D506 8-719-423-30 DIODE MA8120-TX  
 D507 8-719-423-30 DIODE MA8120-TX  
 D509 8-719-423-30 DIODE MA8120-TX  
 D510 8-719-423-30 DIODE MA8120-TX  
 D511 8-719-423-30 DIODE MA8120-TX  
 D701 8-719-423-30 DIODE MA8120-TX  
 D702 8-719-423-30 DIODE MA8120-TX  
 D703 8-719-423-30 DIODE MA8120-TX  
 D704 8-719-423-30 DIODE MA8120-TX

< FERRITE BEAD >

FB102 1-500-104-21 BEAD, FERRITE (SMD)  
 FB104 1-500-104-21 BEAD, FERRITE (SMD)  
 FB105 1-216-176-11 CHIP 120 5% 1/8W  
 FB401 1-414-555-21 INDUCTOR (CHIP)

Ref. No. Part No. Description Remark

FB402 1-414-555-21 INDUCTOR (CHIP)  
 FB501 1-414-235-11 BEAD, FERRITE (SMD)  
 FB502 1-500-113-11 BEAD, FERRITE (CHIP)  
 FB601 1-414-235-11 BEAD, FERRITE (SMD)  
 FB701 1-500-449-21 BEAD, FERRITE (SMD)  
 FB702 1-500-449-21 BEAD, FERRITE (SMD)  
 FB703 1-500-449-21 BEAD, FERRITE (SMD)  
 FB704 1-500-449-21 BEAD, FERRITE (SMD)

< BEAD, FERRITE >

FL101 1-414-235-11 BEAD, FERRITE (SMD)  
 FL102 1-414-235-11 BEAD, FERRITE (SMD)  
 FL103 1-414-235-11 BEAD, FERRITE (SMD)  
 FL104 1-414-235-11 BEAD, FERRITE (SMD)  
 FL105 1-550-907-21 BEAD, FERRITE (CHIP)  
 FL106 1-550-907-21 BEAD, FERRITE (CHIP)  
 FL107 1-500-113-11 BEAD, FERRITE (CHIP)  
 FL108 1-500-113-11 BEAD, FERRITE (CHIP)  
 FL109 1-500-113-11 BEAD, FERRITE (CHIP)  
 FL110 1-500-113-11 BEAD, FERRITE (CHIP)  
 FL111 1-500-113-11 BEAD, FERRITE (CHIP)  
 FL112 1-500-113-11 BEAD, FERRITE (CHIP)  
 • FL113 1-216-029-00 CHIP 150 5% 1/10W  
 FL116 1-216-027-00 CHIP 120 5% 1/10W  
 • FL117 1-216-029-00 CHIP 150 5% 1/10W  
 • FL118 1-216-029-00 CHIP 150 5% 1/10W  
 • FL129 1-216-029-00 CHIP 150 5% 1/10W  
 FL130 1-216-027-00 CHIP 120 5% 1/10W  
 • FL141 1-216-029-00 CHIP 150 5% 1/10W  
 • FL142 1-216-029-00 CHIP 150 5% 1/10W  
 • FL143 1-216-029-00 CHIP 150 5% 1/10W  
 • FL144 1-216-029-00 CHIP 150 5% 1/10W  
 FL146 1-216-027-00 CHIP 120 5% 1/10W  
 • FL147 1-216-029-00 CHIP 150 5% 1/10W  
 • FL148 1-216-029-00 CHIP 150 5% 1/10W  
 • FL159 1-216-029-00 CHIP 150 5% 1/10W  
 • FL160 1-216-029-00 CHIP 150 5% 1/10W  
 FL170 1-216-027-00 CHIP 120 5% 1/10W  
 • FL171 1-216-029-00 CHIP 150 5% 1/10W  
 • FL172 1-216-029-00 CHIP 150 5% 1/10W

FL173 1-500-113-11 BEAD, FERRITE (CHIP)

< IC >

• IC102 8-759-487-22 IC MSM534031E-01GSKPR2 (5500)  
 • IC102 8-759-469-67 IC uM23L4101M-3030 (5502)  
 • IC102 8-759-469-68 IC KM23V4000CG-2030 (5501/5503)  
 • IC103 8-759-387-16 IC CXD8606Q  
 • IC106 8-759-377-18 IC TC51V18325BJ-60S(YE)  
 IC201 8-759-369-81 IC KM4132G271Q-12  
 • IC202 8-759-440-92 IC TDA8771AH/C1/R1.518 (5500/5502)  
 • IC202 8-759-478-55 IC MC141685FTEB (5501/5503)  
 • IC203 8-759-366-69 IC CXD8561Q  
 • IC303 8-752-386-16 IC CXK5V8257BTM-10LL-T6

The components identified by  
 mark Δ or dotted line with  
 safety. Replace only with  
 part number specified.  
 Les composants identifiés par  
 une marque Δ ou une ligne  
 pointillée sont critiques pour  
 la sécurité. Ne les remplacer  
 que par une pièce portant le  
 numéro spécifié.

Ref. No.	Part No.	Description	Remark
Q503	8-729-026-48	TRANSISTOR ZSA1037AK-T146-Q	
Q505	8-729-120-28	TRANSISTOR ZSC1623-L5L6	
Q506	8-729-141-48	TRANSISTOR ZSB624-BV345	
Q610	8-729-120-28	TRANSISTOR ZSC1623-L5L6	
Q611	8-729-120-28	TRANSISTOR ZSC1623-L5L6	
Q701	8-729-903-46	TRANSISTOR ZSB1132-P	
Q702	8-729-027-56	TRANSISTOR DTC1437KA-T146	
R103	1-216-813-11	CHIP	
R104	1-216-801-71	CHIP	
R107	1-216-009-00	CHIP	
R108	1-216-809-11	CHIP	
R109	1-216-809-11	CHIP	
R110	1-216-809-11	CHIP	
R111	1-216-801-71	CHIP	
R112	1-216-801-71	CHIP	
R113	1-216-801-71	CHIP	
R114	1-216-801-71	CHIP	
R115	1-216-801-71	CHIP	
R116	1-216-864-11	CONDUCTOR, CHIP	
R122	1-216-801-71	CHIP	
R123	1-216-801-71	CHIP	
R124	1-216-801-71	CHIP	
R125	1-216-801-71	CHIP	
R126	1-216-801-71	CHIP	
R127	1-216-801-71	CHIP	
R128	1-216-801-71	CHIP	
R129	1-216-801-71	CHIP	
R130	1-216-833-11	CHIP	
R131	1-216-833-11	CHIP	
R132	1-216-821-71	CHIP	
R133	1-216-821-71	CHIP	
R134	1-216-821-71	CHIP	
R135	1-216-817-11	CHIP	
R136	1-216-817-11	CHIP	
R137	1-216-805-11	CHIP	
R138	1-216-805-11	CHIP	
R139	1-216-817-11	CHIP	
R140	1-216-817-11	CHIP	
R141	1-216-817-11	CHIP	
R142	1-216-817-11	CHIP	
R143	1-216-801-71	CHIP	
R144	1-216-801-71	CHIP	
R145	1-216-801-71	CHIP	
R146	1-216-821-71	CHIP	
R147	1-216-801-71	CHIP	
R148	1-216-821-71	CHIP	
R149	1-414-482-21	INDUCTOR (CHIP) 82mH	
R150	1-216-805-11	CHIP	
R152	1-216-801-71	CHIP	
R153	1-216-801-71	CHIP	
Q101	8-729-900-53	TRANSISTOR DTC114EK	
Q102	8-729-900-53	TRANSISTOR DTC114EK	
Q103	8-729-900-53	TRANSISTOR DTC114EK	
Q104	8-729-900-53	TRANSISTOR DTC114EK	
Q401	8-729-027-59	TRANSISTOR DTC144EKA-T146	
Q402	8-729-027-38	TRANSISTOR DTA144EKA-T146	
Q403	8-729-921-72	TRANSISTOR ZSD1781K-R	
Q404	8-729-921-72	TRANSISTOR ZSD1781K-R	
Q501	8-729-026-48	TRANSISTOR ZSA1037AK-T146-Q	
Q502	8-729-026-48	TRANSISTOR ZSA1037AK-T146-Q	

< RESISTOR >

< TRANSISTOR >

< IC LINK >

< INDUCTOR >

Ref. No.	Part No.	Description	Remark
IC304	8-759-469-65	IC MCB8MC05G6-C3030PBE	(5502)
IC304	8-759-469-70	IC MCB8MC05G6-C2030PBE	(5501)
IC304	8-759-458-08	IC MCB8MC05G6PB-SC430925PBE	(5500/5503)
IC305	8-752-377-68	IC CXD1815Q	
IC308	8-752-380-05	IC CXD2925Q	
IC310	8-759-177-00	IC HM514260ALJ8Z	
IC402	8-759-445-70	IC AK4309A-VM-EZ	
IC501	8-752-068-43	IC CXA1645M	
IC601	8-759-284-63	IC TA78M05F (TE16L)	
IC701	8-752-379-23	IC CXD2545Q	
IC702	8-759-701-01	IC NJM2904M	
IC703	8-752-069-29	IC CXA1791N	
IC704	8-759-455-91	IC BA6392FP-EZ	
IC706	8-759-452-25	IC uPC5023GR-118-GJG-EZ	
IC708	8-759-344-00	IC NJM2100E (TE2)	
L101	1-412-052-21	INDUCTOR	1uH
L102	1-412-052-21	INDUCTOR	1uH
L104	1-412-052-21	INDUCTOR	1uH
L105	1-412-052-21	INDUCTOR	1uH
L106	1-412-052-21	INDUCTOR	1uH
L110	1-412-052-21	INDUCTOR	1uH
L111	1-412-052-21	INDUCTOR	1uH
L1303	1-412-951-11	INDUCTOR	10uH
L304	1-412-951-11	INDUCTOR	10uH
L401	1-412-951-11	INDUCTOR	10uH
L507	1-412-957-11	INDUCTOR	30uH
L601	1-412-052-21	INDUCTOR (CHIP)	1uH
L604	1-410-733-11	INDUCTOR (CHIP)	0.22uH
L605	1-410-378-11	INDUCTOR (CHIP)	5.6uH
L606	1-412-052-21	INDUCTOR	1uH
L607	1-412-052-21	INDUCTOR	1uH
L701	1-412-951-11	INDUCTOR	10uH
L711	1-412-951-11	INDUCTOR	10uH

PU-18 (-72-82)

PU-18 (-72/-82)

Ref. No.	Part No.	Description		Remark
R154	1-216-815-11	CHIP	330	5% 1/16W
* R155	1-216-833-11	CHIP	10K	5% 1/16W
R168	1-216-295-91	CONDUCTOR, CHIP		
R169	1-216-295-91	CONDUCTOR, CHIP		
R201	1-216-819-91	CHIP	680	5% 1/16W #
R202	1-550-907-21	BEAD, FERRITE (CHIP)		
R204	1-216-813-11	CHIP	220	5% 1/16W
* R206	1-216-801-71	CHIP	22	5% 1/16W
R207	1-216-829-11	CHIP	4.7K	5% 1/16W
* R208	1-216-801-71	CHIP	22	5% 1/16W
* R209	1-216-801-71	CHIP	22	5% 1/16W
* R210	1-216-801-71	CHIP	22	5% 1/16W
* R211	1-216-801-71	CHIP	22	5% 1/16W
* R212	1-216-801-71	CHIP	22	5% 1/16W
* R213	1-216-801-71	CHIP	22	5% 1/16W
* R214	1-216-801-71	CHIP	22	5% 1/16W
R215	1-216-829-11	CHIP	4.7K	5% 1/16W
R217	1-216-864-11	CONDUCTOR, CHIP		
* R301	1-216-833-11	CHIP	10K	5% 1/16W
* R302	1-216-833-11	CHIP	10K	5% 1/16W
* R303	1-216-821-71	CHIP	1K	5% 1/16W
* R304	1-216-821-71	CHIP	1K	5% 1/16W
* R305	1-216-821-71	CHIP	1K	5% 1/16W
R320	1-218-285-11	CHIP	75	5% 1/16W
* R323	1-216-821-71	CHIP	1K	5% 1/16W
* R324	1-216-821-71	CHIP	1K	5% 1/16W
* R325	1-216-821-71	CHIP	1K	5% 1/16W
* R328	1-216-833-11	CHIP	10K	5% 1/16W
* R330	1-216-833-11	CHIP	10K	5% 1/16W
R331	1-216-813-11	CHIP	220	5% 1/16W
R332	1-216-295-91	CONDUCTOR, CHIP		
* R335	1-216-801-71	CHIP	22	5% 1/16W
R338	1-216-830-11	CHIP	5.6K	5% 1/16W
* R339	1-216-821-71	CHIP	1K	5% 1/16W
* R340	1-216-801-71	CHIP	22	5% 1/16W
* R341	1-216-801-71	CHIP	22	5% 1/16W
* R342	1-216-801-71	CHIP	22	5% 1/16W
R423	1-216-845-11	CHIP	100K	5% 1/16W
R424	1-216-845-11	CHIP	100K	5% 1/16W
* R425	1-216-821-71	CHIP	1K	5% 1/16W
* R426	1-216-821-71	CHIP	1K	5% 1/16W
* R427	1-216-821-71	CHIP	1K	5% 1/16W
* R428	1-216-821-71	CHIP	1K	5% 1/16W
R429	1-216-809-11	CHIP	100	5% 1/16W
R430	1-216-809-11	CHIP	100	5% 1/16W
R443	1-216-295-91	CONDUCTOR, CHIP		
R444	1-216-797-11	CHIP	10	5% 1/16W
R445	1-216-813-11	CHIP	220	5% 1/16W
R446	1-216-826-11	CHIP	2.7K	5% 1/16W
* R447	1-216-833-11	CHIP	10K	5% 1/16W
R501	1-216-825-11	CHIP	2.2K	5% 1/16W
R502	1-216-825-11	CHIP	2.2K	5% 1/16W
* R503	1-216-029-00	CHIP	150	5% 1/10W #

Ref. No.	Part No.	Description		Remark
* R504	1-216-029-00	CHIP	150	5% 1/10W #
* R505	1-216-029-00	CHIP	150	5% 1/10W #
* R510	1-216-821-71	CHIP	1K	5% 1/16W
* R511	1-216-821-71	CHIP	1K	5% 1/16W
* R512	1-216-821-71	CHIP	1K	5% 1/16W
R515	1-216-089-91	CHIP	47K	5% 1/10W
R516	1-218-292-11	CHIP	20K	5% 1/16W (5500/5501/5503)
R516	1-218-876-91	CHIP	16K	0.5% 1/16W (5502)
R517	1-218-285-11	CHIP	75	5% 1/16W
R518	1-218-285-11	CHIP	75	5% 1/16W
R519	1-218-285-11	CHIP	75	5% 1/16W
R520	1-218-285-11	CHIP	75	5% 1/16W
R521	1-218-285-11	CHIP	75	5% 1/16W
R522	1-218-285-11	CHIP	75	5% 1/16W
R527	1-216-079-00	CHIP	18K	5% 1/10W
R528	1-216-049-91	CHIP	1K	5% 1/10W
R529	1-216-067-00	CHIP	5.6K	5% 1/10W
R530	1-216-304-11	CHIP	3.3	5% 1/10W
R541	1-216-295-91	CONDUCTOR, CHIP		#
R542	1-216-295-91	CONDUCTOR, CHIP		#
R543	1-216-295-91	CONDUCTOR, CHIP		#
R602	1-216-864-11	CONDUCTOR, CHIP		
* R606	1-216-821-71	CHIP	1K	5% 1/16W
R615	1-216-053-00	CHIP	1.5K	5% 1/10W
R616	1-216-062-00	CHIP	3.6K	5% 1/10W
R617	1-216-057-00	CHIP	2.2K	5% 1/10W
R618	1-216-051-00	CHIP	1.2K	5% 1/10W
R701	1-216-829-11	CHIP	4.7K	5% 1/16W
R702	1-216-835-11	CHIP	15K	5% 1/16W
R703	1-216-844-11	CHIP	82K	5% 1/16W
* R704	1-216-833-11	CHIP	10K	5% 1/16W
R705	1-216-845-11	CHIP	100K	5% 1/16W
R706	1-216-853-11	CHIP	470K	5% 1/16W
R707	1-218-696-11	METAL CHIP	1.5K	0.5% 1/16W
R708	1-216-841-11	CHIP	47K	5% 1/16W
R709	1-216-849-11	CHIP	220K	5% 1/16W
* R710	1-216-833-11	CHIP	10K	5% 1/16W
R711	1-216-852-11	CHIP	390K	5% 1/16W
R712	1-216-827-11	CHIP	3.3K	5% 1/16W
R713	1-218-703-11	METAL CHIP	3.0K	0.5% 1/16W
R714	1-216-827-11	CHIP	3.3K	5% 1/16W
R715	1-216-848-11	CHIP	180K	5% 1/16W
R716	1-218-729-11	METAL CHIP	36K	0.5% 1/16W
R717	1-216-809-11	CHIP	100	5% 1/16W
R718	1-216-849-11	CHIP	220K	5% 1/16W
R719	1-216-853-11	CHIP	470K	5% 1/16W
R720	1-216-853-11	CHIP	470K	5% 1/16W
R723	1-216-839-11	CHIP	33K	5% 1/16W
R725	1-216-841-11	CHIP	47K	5% 1/16W
R726	1-218-729-11	METAL CHIP	36K	0.5% 1/16W
R727	1-216-835-11	CHIP	15K	5% 1/16W



Ref. No.	Part No.	Description	Remark
R728	1-218-703-11	METAL CHIP	
R731	1-218-696-11	METAL CHIP	
R732	1-216-835-11	CHIP	
R733	1-216-845-11	CHIP	
R734	1-216-823-11	CHIP	
R735	1-216-864-11	CONDUCTOR CHIP	
R736	1-216-841-11	CHIP	
R737	1-216-837-11	CHIP	
R738	1-218-707-11	CHIP	
R739	1-216-822-11	CHIP	
R740	1-216-821-71	CHIP	
R741	1-216-840-11	CHIP	
R745	1-218-883-11	CHIP	
R746	1-218-883-11	CHIP	
R747	1-216-009-00	CHIP	
R748	1-218-903-11	CHIP	
R749	1-218-903-11	CHIP	
R750	1-216-009-00	CHIP	
R765	1-216-833-11	CHIP	
R769	1-218-286-11	CHIP	
R770	1-216-833-11	CHIP	
R771	1-216-840-11	CHIP	
R772	1-216-833-11	CHIP	
R773	1-216-845-11	CHIP	
R774	1-216-829-11	CHIP	
R775	1-216-840-11	CHIP	
R777	1-216-864-11	CONDUCTOR CHIP	
R778	1-216-864-11	CONDUCTOR CHIP	
R780	1-216-864-11	CONDUCTOR CHIP	
R811	1-233-813-21	NETWORK 150	
R812	1-233-813-21	NETWORK 150	
R813	1-233-813-21	NETWORK 150	
R814	1-233-813-21	NETWORK 150	
R815	1-233-813-21	NETWORK 150	
R816	1-233-813-21	NETWORK 150	
R817	1-233-813-21	NETWORK 150	
R818	1-233-813-21	NETWORK 150	
R703	1-223-588-11	RES. ADJ. CARBON 47K	
S301	1-570-953-21	PUSH SWITCH (KEY)	
X101	1-760-566-21	VIBRATOR CRYSTAL (67.73MHz)	
X201	1-760-567-21	VIBRATOR CRYSTAL (53.69MHz)	
X201	1-760-568-21	VIBRATOR CRYSTAL (53.20MHz) (5502)	

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Ref. No.	Part No.	Description	Remark
Δ	1-468-176-11	POWER BLOCK	(5500)
ΔC001	0.1uF	FILM	
ΔC003	100uF	ELECT	
ΔC004	220PF	CERAMIC	
ΔC005	0.1uF	FILM	
ΔC007	1000PF	CERAMIC	
ΔC008	4700PF	FILM	
ΔC009	6800PF	FILM	
ΔC010	4700PF	CERAMIC	
ΔC013	2200PF	FILM	
ΔC102	560uF	ELECT	
ΔC103	560uF	ELECT	
ΔC104	220uF	ELECT	
ΔC105	330uF	ELECT	
ΔC106	0.022uF	FILM	
ΔC107	1uF	ELECT	
ΔCN001	2.5A	AC INLET CONNECTOR	ACMD8PC39
ΔD001	400V	DIODE	ERA15-04
ΔD002	400V	DIODE	ERA15-04
ΔD003	400V	DIODE	ERA15-04
ΔD004	400V	DIODE	ERA15-04
ΔD006	80V	DIODE	MA165
ΔD007	80V	DIODE	MA165
ΔD009	80V	DIODE	MA165
ΔD011	800V	DIODE	ERA22-08
ΔD101	30V	DIODE	31DQ03L
ΔD102	40V	DIODE	SB340
ΔF101	250V	FUSE	232002V2
ΔIC101	IC	IC	MS1957BL
ΔL001	26mH	FILTER CHOKE	ELF15N004A
ΔL101	3.3uH	CHOKE	3.3N
ΔL102	3.3uH	CHOKE	3.3N
ΔPC001	PC	PHOTOCOUPLER	PS2501-1
ΔPD101	LED	LED	LNJ301MPLJA

POWER BLOCK PU-18 (-72/-82)

The components identified by mark Δ or dotted line with part number specified. Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

# POWER BLOCK

Ref. No.	Part No.	Description	Remark
< TRANSISTOR >			
△Q001	TRANSISTOR	40W 500V 2SK2125	
△Q002	TRANSISTOR	0.3W 20V 2SD1450	
△Q101	TRANSISTOR	0.3W 50V 2SC3311A	
△Q102	TRANSISTOR	0.3W 50V 2SC3311A	
△Q103	TRANSISTOR	0.3W 50V 2SA1309A	
△Q104	TRANSISTOR	0.3W 50V UN421D	
< RESISTOR >			
△R001	CARBON	1M 0.5W ERDS1TJ105	
△R002	CARBON	150K 0.25W ERDS2TJ154	
△R003	CARBON	180K 0.25W ERDS2TJ184	
△R004	METAL OXIDE	220 1W ERG1SJ221	
△R006	CARBON	220 0.5W ERDS1TJ221	
△R007	CARBON	15K 0.25W ERDS2TJ153	
△R008	METAL	13.7K 0.25W EROS2TKF1372	
△R009	CARBON	33 0.25W ERDS2TJ330	
△R010	CARBON	220 0.25W ERDS2TJ221	
△R011	CARBON	150K 0.5W ERDS1TJ154	
△R101	CARBON	68 0.5W ERDS1TJ680	
△R103	CARBON	47 0.25W ERDS2TJ470	
△R104	CARBON	1.8K 0.25W ERDS2TJ182	
		1.9K 0.25W ERDS2TJ192	
		2K 0.25W ERDS2TJ202	
△R105	CARBON	3.9K 0.25W ERDS2TJ392	
△R107	CARBON	120 0.25W ERDS2TJ121	
△R108	CARBON	220 0.25W ERDS2TJ221	
△R109	CARBON	330 0.5W ERDS1TJ331	
△R110	CARBON	1.5K 0.25W ERDS2TJ152	
△R111	CARBON	15 0.25W ERDS2TJ150	
△R112	CARBON	180 0.25W ERDS2TJ181	
△R113	METAL	13.3K 0.25W EROS2TKF1332	
△R114	METAL	10K 0.25W EROS2TKF1002	
△R115	CARBON	130 0.25W ERDS2TJ131	
△R116	CARBON	47 0.25W ERDS2TJ470	
< SWITCH >			
△SW101	SWITCH	12V 3A SLASBB03 (POWER)	
△SW102	SWITCH	12V 3A ESE20B6 (RESET)	
< TRANSFORMER >			
△T001	TRANSFORMER	ETB29KL115##	
< VARIABLE RESISTOR >			
△VR101	RES. ADJ. CARBON	500 0.3W EVMEASA01B52	
< DIODE >			
△ZD001	ZENER	4.7V 0.4W MA4047	
△ZD101	ZENER	5.6V 0.4W MA4056	
△ZD102	ZENER	5.1V 0.5W RD5.1EB	
△ZD103	ZENER	12V 0.5W RD12EB	

Ref. No.	Part No.	Description	Remark
△ZD104	ZENER	5.1V 0.4W MA4051	
*****			

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

**POWER BLOCK**

Ref. No. Part No. Description Remark

< TRANSISTOR >

ΔQ001 FET 40W 500V 2SK2125 2SD1450 2SC3311A 2SC3311A 2SA1309A UN421D

ΔQ002 TRANSISTOR 0.3W 20V 2SD1450 2SC3311A 2SC3311A

ΔQ101 TRANSISTOR 0.3W 50V 2SC3311A 2SC3311A

ΔQ102 TRANSISTOR 0.3W 50V 2SC3311A 2SC3311A

ΔQ103 TRANSISTOR 0.3W 50V 2SA1309A 2SA1309A

ΔQ104 TRANSISTOR 0.3W 50V UN421D UN421D

< RESISTOR >

ΔR001 CARBON 1M 0.5W ERD1S1J105 ERD1S1J105

ΔR002 CARBON 6.8M 0.5W ERC12UC6885 ERC12UC6885

ΔR003 CARBON 180K 0.25W ERD2S1J184 ERD2S1J184

ΔR004 METAL OXIDE 220 1W ERG1S1J221 ERG1S1J221

ΔR005 CARBON 150K 0.25W ERD2S1J154 ERD2S1J154

ΔR006 CARBON 220 0.5W ERD1S1J221 ERD1S1J221

ΔR007 CARBON 15K 0.25W ERD2S1J153 ERD2S1J153

ΔR008 METAL 13.7K 0.25W ERD2TKF1372 ERD2TKF1372

ΔR009 CARBON 33 0.25W ERD2S1J330 ERD2S1J330

ΔR010 CARBON 220 0.25W ERD2S1J221 ERD2S1J221

ΔR011 CARBON 150K 0.5W ERD1S1J154 ERD1S1J154

ΔR012 CARBON 68 0.5W ERD1S1J680 ERD1S1J680

ΔR013 CARBON 47 0.25W ERD2S1J470 ERD2S1J470

ΔR014 CARBON 1.8K 0.25W ERD2S1J182 ERD2S1J182

ΔR015 CARBON 3.9K 0.25W ERD2S1J392 ERD2S1J392

ΔR106 CARBON 2.2K 0.25W ERD2S1J222 ERD2S1J222

ΔR107 CARBON 120 0.25W ERD2S1J121 ERD2S1J121

ΔR108 CARBON 220 0.25W ERD2S1J221 ERD2S1J221

ΔR109 CARBON 330 0.5W ERD1S1J331 ERD1S1J331

ΔR110 CARBON 1.5K 0.25W ERD2S1J152 ERD2S1J152

ΔR111 CARBON 15 0.25W ERD2S1J150 ERD2S1J150

ΔR112 CARBON 180 0.25W ERD2S1J181 ERD2S1J181

ΔR113 METAL 13.3K 0.25W ERD2TKF1332 ERD2TKF1332

ΔR114 METAL 10K 0.25W ERD2TKF1002 ERD2TKF1002

ΔR115 CARBON 130 0.25W ERD2S1J131 ERD2S1J131

ΔR116 CARBON 47 0.25W ERD2S1J470 ERD2S1J470

Ref. No. Part No. Description Remark

< SWITCH >

ΔSM101 SWITCH 12V 3A SLASB803 (POWER) SLASB803 (POWER)

ΔSM102 SWITCH 12V 3A ESE2086 (RESET) ESE2086 (RESET)

< TRANSFORMER >

ΔT001 TRANSFORMER ETD29K113# ETD29K113#

< VARIABLE RESISTOR >

ΔVR101 RES, ADJ. CARBON 500 0.3W EVMASAS01B52 EVMASAS01B52

< DIODE >

ΔZD001 ZENER 4.7V 0.4W MA4047 MA4047

ΔZD101 ZENER 5.6V 0.4W MA4056 MA4056

ΔZD102 ZENER 5.1V 0.5W RDS.1EB RDS.1EB

ΔZD103 ZENER 12V 0.5W RD12EB RD12EB

The components identified by mark Δ or dotted line with part number specified. Les composants identifiés par une marque Δ sont critiqués pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No. Part No. Description Remark

Δ POWER BLOCK 1-468-218-11 \*\*\*\*\* (5501)

< CAPACITOR >

ΔC001 FILM 0.1μF 275V MRP20104M MRP20104M

ΔC003 ELECT 100μF 200V ECA2DH6101 ECA2DH6101

ΔC004 CERAMIC 220PF 1KV ECKR3A221KBP ECKR3A221KBP

ΔC005 FILM 0.1μF 50V ECV1H104JL ECV1H104JL

ΔC007 CERAMIC 1000PF 250V KH102M KH102M

ΔC008 FILM 4700PF 50V ECQB1H472JF ECQB1H472JF

ΔC009 FILM 6800PF 50V ECQB1H682KF ECQB1H682KF

ΔC010 CERAMIC 4700PF 250V HRR2R472K HRR2R472K

ΔC012 FILM 2200PF 50V ECQB1H222JF ECQB1H222JF

ΔC102 ELECT 560μF 25V EUEFC1E561 EUEFC1E561

ΔC103 ELECT 560μF 25V EUEFC1E561 EUEFC1E561

ΔC104 ELECT 220μF 25V EUEFC1E221 EUEFC1E221

ΔC105 ELECT 330μF 25V EUEFC1E331 EUEFC1E331

ΔC106 FILM 0.022μF 50V ECQB1H223KF ECQB1H223KF

ΔC107 ELECT 1μF 50V ECEA1H1010 ECEA1H1010

< CONNECTOR >

ΔCN001 AC INLET 250V 2.5A ACM09PC41 B5B-EH-TV4

< DIODE >

ΔD001 DIODE 400V 1A ERA15-04 ERA15-04

ΔD002 DIODE 400V 1A ERA15-04 ERA15-04

ΔD003 DIODE 400V 1A ERA15-04 ERA15-04

ΔD004 DIODE 400V 1A ERA15-04 ERA15-04

ΔD006 DIODE 80V 0.15A MA165 MA165

ΔD007 DIODE 80V 0.15A MA165 MA165

ΔD009 DIODE 80V 0.15A MA165 MA165

ΔD011 DIODE 800V 0.5A ERA22-08 ERA22-08

ΔD101 DIODE 30V 3A 31DQ03L 31DQ03L

ΔD102 DIODE 40V 3A SB340 SB340

< FUSE >

ΔF001 FUSE 250V 2A 239 2A 239 2A

< IC >

ΔIC101 IC M519578L M519578L

< INDUCTOR >

ΔL001 FILTER CHOKE 26mH 0.4A ELF15N004A ELF15N004A

ΔL101 CHOKE 3.3μH 2.5A 3R3N 3R3N

ΔL102 CHOKE 3.3μH 2.5A 3R3N 3R3N

< PHOTO-COUPLER >

ΔPC001 OPTOISOLATOR PC PS2501-1 PS2501-1

< DIODE >

ΔPD101 LED 90mm 30mA LNJ301MPVJA LNJ301MPVJA

# POWER BLOCK

Ref. No.	Part No.	Description	Remark
△ZD104	ZENER	5.1V 0.4W MA4051	
.....			

Ref. No.	Part No.	Description	Remark
△	1-468-218-21	POWER BLOCK	(5501)
.....			

HOLDER, LED

< CAPACITOR >

△C101	METAL	0.1uF	250V	R40
△C103	CERAMIC	1500PF	125V	KH
△C104	ELECT	120uF	200V	YK
△C105	METAL	0.033uF	400V	MMW-EF
△C106	CHIP	4700PF	50V	
△C107	CHIP	220PF	50V	
△C108	CHIP	0.01uF	50V	
△C110	CHIP	0.01uF	50V	
△C111	ELECT	47uF	35V	YK
△C112	CERAMIC	220PF	1KV	
△C201	ELECT	1000uF	16V	YXF
△C202	ELECT	470uF	16V	YK
△C203	ELECT	2200uF	10V	YXF
△C204	ELECT	1000uF	6.3V	YK
△C205	CERAMIC	1000PF	1KV	
△C206	CHIP	0.1uF	25V	
△C207	CHIP (ADJ)	0.22uF	16V	
△C209	CHIP	4700PF	50V	
△C210	CHIP	0.01uF	50V	

< CONNECTOR >

△CN101	AC INLET			AC-M09PG41
△CN201	CONNECTOR	5P		EH

< DIODE >

△D101	DIODE	400V	1A	1A4
△D102	DIODE	400V	1A	1A4
△D103	DIODE	400V	1A	1A4
△D104	DIODE	400V	1A	1A4
△D105	DIODE	600V	1A	RMPG06J
△D106	DIODE	200V	0.8A	AU02Z
△D108	DIODE	35V	100mA	MA165
△D109	ZENER	27V	370mW	MA4270
△D201	DIODE	40V	3A	31DQ04-FC5
△D202	DIODE	30V	10A	F10P03QL
△D203	ZENER	12V	1W	M2120
△D204	ZENER	3V	370mW	MA4030
△D205	ZENER	5.6V	370mW	MA4056

< FUSE >

△F001	FUSE	125V	2A	237
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< IC >

△IC101	IC			UC3842AN
△IC201	IC			AN1431T
△IC202	IC			PST5981NR

<p>The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.</p>	<p>Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.</p>
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The components identified by mark  $\Delta$  or dotted line with safety. Replace only with part number specified.

Les composants identifiés par une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
$\Delta$ Q101	TRANSISTOR	450V 3A FSRM-9	
$\Delta$ Q201	TRANSISTOR	50V 0.15A 2SC2412K	
$\Delta$ Q202	TRANSISTOR	50V 0.1A DTC114EK	
< RESISTOR >			
$\Delta$ R101	CARBON	1M 1/2W	
$\Delta$ R102	CARBON	56K 1/4W	
$\Delta$ R103	CARBON	56K 1/4W	
$\Delta$ R105	CARBON	100K 1/2W	
$\Delta$ R106	METAL	1 1W	MOS1
$\Delta$ R107	CARBON	330 1/4W F	
$\Delta$ R108	CHIP	10K 1/10W	
$\Delta$ R109	CHIP	470 1/10W	
$\Delta$ R110	CHIP (ADJ)	1/10W	
$\Delta$ R116	CARBON	220 1/4W	
$\Delta$ R117	CHIP	6.8K 1/10W	
$\Delta$ R118	CARBON	22 1/4W	
$\Delta$ R119	METAL OXIDE	100 1W	ERG1S
$\Delta$ R120	SOLID	6.8M 1/2W	ERG12UG
$\Delta$ R201	CARBON	330 1/2W	
$\Delta$ R202	CARBON	22 1/4W	
$\Delta$ R203	CARBON	120 1/4W	
$\Delta$ R204	CHIP (ADJ)	470 1/10W	
$\Delta$ R205	CHIP	1K 1/10W	
$\Delta$ R206	CHIP	10K 1/10W	
$\Delta$ R207	CHIP	1K 1/10W	
$\Delta$ R208	CHIP	4.7K 1/10W	
$\Delta$ R209	CHIP	3.3K 1/10W	
$\Delta$ R210	CHIP	1K 1/10W	
$\Delta$ R212	CHIP	1K 1/10W	
$\Delta$ R213	CHIP	10K 1/10W	
$\Delta$ R215	CARBON	120 1/4W	
$\Delta$ R217	CHIP	1K 1/10W	
< SWITCH >			
$\Delta$ SW201	SWITCH		
$\Delta$ SW202	SWITCH		
< COIL >			
$\Delta$ L101	LINE FILTER	SS10V-05180	
$\Delta$ L201	CHOKE	10uH	
$\Delta$ L202	CHOKE	10uH	
< LED >			
$\Delta$ LED201	LED	30mA HLMF-D505#2UK	
< PHOTO COUPLER >			
$\Delta$ PC101	PHOTO COUPLER	ON3131	
< TRANSISTOR >			
$\Delta$ T101	TRANSFORMER	ETS28AD1V5AC	
< TRANSFORMER >			
$\Delta$ VR201	RES. ADJ.	2K	

SL-ASB803

**POWER BLOCK**

# POWER BLOCK

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
△	1-468-218-31	POWER BLOCK *****	(5501)			< COIL >	
	HEAT SINK	LM40791		△L001	COIL	22mH 0.4A	LF-4D-E223
	SCREW	NACPEW-B3*10ZF		△L101	COIL	10uH 1.9A	TSLO709RA100K1R9
	HOLDER, FUSE	PFC5000-0203		△L102	COIL	10uH 1.9A	TSLO709RA100K1R9
	COVER, LED	LF5-9.2				< PHOTOCOUPLER >	
		< CAPACITOR >		△PC001	PHOTOCOUPLER	80V 80mA	PS2561-1D
△C001	FILM	0.047uF 250V	QEX2E473KTP2CS			< LED >	
△C003	ELECT	100uF 200V	UVZ2D101MHHSOTN				
△C004	CERAMIC	220PF 1KV	TPD07R221K1K	△PD101	LED	30mA	LTSE88
△C005	CERAMIC	6800PF 250V	TPD12R682K250			< TRANSISTOR >	
△C006	FILM	0.022uF 100V	QYX2A223JTP5TA				
△C007	CERAMIC	0.1uF 50V	TRPE132R104K50	△Q001	TRANSISTOR	450V 5.0A	2SC4054-4012
△C008	FILM	0.047uF 100V	QYX2A473JTP5TA	△Q002	TRANSISTOR	32V 500mA	2SC1741STP
△C010	CERAMIC	1500PF 250V	TP209E152MKH	△Q101	TRANSISTOR	50V 100mA	DTC143ESTP
△C012	CERAMIC	0.1uF 50V	TRPE132R104K50			< RESISTOR >	
△C101	ELECT	560uF 16V	UPJ1C561MPH1TD	△R001	CARBON	330K 1/4W	RDFP25ST2A334J
△C102	ELECT	820uF 16V	UPJ1C821MPH1TD	△R002	CARBON	47K 1/2W	RDFP50ST5A473J
△C103	ELECT	180uF 16V	UPF1C181MEH1TA	△R003	CARBON	330K 1/4W	RDFP16ST2A334J
△C104	ELECT	180uF 16V	UPF1C181MEH1TA	△R005	CARBON	100 1/2W	RDFP50ST5A101J
△C105	ELECT	2.2uF 50V	UVR1H2R2MDA1TA	△R006	CARBON	2.7K 1/4W	RDFP16ST2A272J
△C106	FILM	1uF 50V	UVR1H010MDA1TA	△R007	CARBON	4.7 1/4W	RDFP16ST2A4R7J
		< CONNECTOR >		△R009	METAL OXIDE	0.39 1W	RSS01WST5AR39J
△CN001	AC INLET		AC-M09PG41	△R010	CARBON	47 1/4W	RDFP16ST2A470J
△CN002	CONNECTOR		B5B-EH-TS	△R011	CARBON	22K 1/4W	RDFP16ST2A223J
		< DIODE >		△R012	CARBON	3.3K 1/4W	RDFP16ST2A332J
△D001	DIODE	400V 1A	MPG06G-G3	△R013	CARBON	6.8M 1/2W	RCR50-ST5A685J
△D002	DIODE	400V 1A	MPG06G-G3	△R014	METAL OXIDE	100 1W	RSS01WST5A101J
△D003	DIODE	400V 1A	MPG06G-G3	△R101	CARBON	560 1/4W	RDFP16ST2A561J
△D004	DIODE	400V 1A	MPG06G-G3	△R102	CARBON	100 1/4W	RDFP16ST2A101J
△D005	DIODE	600V 0.5A	ERA22-06V3R	△R103	CARBON	100 1/4W	RDFP16ST2A101J
△D006	DIODE	200V 0.5A	ERA22-02V3R	△R104	CARBON	470 1/4W	RDFP16ST2A471J
△D007	DIODE	80V 100mA	1SS252T-77	△R105	CARBON	470 1/4W	RDFP16ST2A471J
△D008	DIODE	400V 1A	MPG06G-G3	△R106	METAL	470 1/4W	SNZP16ST2A4700D
△D009	DIODE	80V 100mA	1SS252T-77	△R107	METAL (ADJ)	1.1K 1/4W	SNZP16ST2A1101D
△D101	DIODE	40V 2.6A	ERC81-004L		METAL	953 1/4W	SNZP16ST2A9530D
△D102	DIODE	40V 2.6A	ERC81-004L		METAL	965 1/4W	SNZP16ST2A9650D
△D103	DIODE	12V 1W	RD12F-T7-B2		METAL	976 1/4W	SNZP16ST2A9760D
△D104	DIODE	80V 100mA	1SS252T-77		METAL	988 1/4W	SNZP16ST2A9880D
△D105	DIODE	5.1V 400mA	RD5.1ES-T1-AB2		METAL	1.0K 1/4W	SNZP16ST2A1001D
△D106	DIODE	80V 100mA	1SS252T-77		METAL	1.01K 1/4W	SNZP16ST2A1011D
		< FUSE >			METAL	1.02K 1/4W	SNZP16ST2A1021D
△F001	FUSE	125V 2A	237SA2AT-JUC		METAL	1.04K 1/4W	SNZP16ST2A1041D
		< IC >			METAL	1.05K 1/4W	SNZP16ST2A1051D
△IC101	IC		uPC1093J-1-T		METAL	1.06K 1/4W	SNZP16ST2A1061D
△IC102	IC		M51957BL		METAL	1.07K 1/4W	SNZP16ST2A1071D
					METAL	1.09K 1/4W	SNZP16ST2A1091D
					METAL	1.11K 1/4W	SNZP16ST2A1111D
					METAL	1.13K 1/4W	SNZP16ST2A1131D
				△R108	CARBON	120 1/4W	RDFP16ST2A121J

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Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
ΔR109	METAL	13.3K 1/4W	SNZP16ST2A1332F
ΔR110	METAL	10K 1/4W	SNZP16ST2A1002F
ΔR111	CARBON	15 1/4W	RDFP16ST2A150J
ΔR112	CARBON	180 1/4W	RDFP16ST2A181J
ΔSW101	SWITCH	12V 3A	SL-ASB03 (POWER)
ΔSW102	SWITCH		ESZ20B9 (RESET)
< SWITCH >			
ΔC001 FILM 0.047uF 250V			
ΔC002 FILM 0.047uF 250V			
ΔC003 ELECT 47uF 400V			
ΔC004 CERAMIC 68PF 1KV			
ΔC005 CERAMIC 1000PF 1KV			
ΔC006 FILM 0.022uF 100V			
ΔC007 CERAMIC 0.1uF 50V			
ΔC008 FILM 0.047uF 100V			
ΔC010 CERAMIC 2200PF 250V			
ΔC011 CERAMIC 2200PF 250V			
ΔC012 CERAMIC 0.1uF 50V			
ΔC101 ELECT 560uF 16V			
ΔC102 ELECT 820uF 16V			
ΔC103 ELECT 180uF 16V			
ΔC104 ELECT 180uF 16V			
ΔC105 ELECT 2.2uF 50V			
ΔC106 ELECT 1uF 50V			
< CAPACITOR >			
ΔC001 FILM 0.047uF 250V			
ΔC002 FILM 0.047uF 250V			
ΔC003 ELECT 47uF 400V			
ΔC004 CERAMIC 68PF 1KV			
ΔC005 CERAMIC 1000PF 1KV			
ΔC006 FILM 0.022uF 100V			
ΔC007 CERAMIC 0.1uF 50V			
ΔC008 FILM 0.047uF 100V			
ΔC010 CERAMIC 2200PF 250V			
ΔC011 CERAMIC 2200PF 250V			
ΔC012 CERAMIC 0.1uF 50V			
ΔC101 ELECT 560uF 16V			
ΔC102 ELECT 820uF 16V			
ΔC103 ELECT 180uF 16V			
ΔC104 ELECT 180uF 16V			
ΔC105 ELECT 2.2uF 50V			
ΔC106 ELECT 1uF 50V			
< CONNECTOR >			
ΔCN001 AC INLET AC-M08PC93			
ΔCN002 CONNECTOR B5B-EH-TS			
< DIODE >			
ΔD001 DIODE 600V 1A			
ΔD002 DIODE 600V 1A			
ΔD003 DIODE 600V 1A			
ΔD004 DIODE 600V 1A			
ΔD005 DIODE 800V 0.5A			
ΔD006 DIODE 200V 0.5A			
ΔD007 DIODE 80V 100mA			
ΔD008 DIODE 600V 1A			
ΔD101 DIODE 40V 2.5A			
ΔD102 DIODE 40V 2.5A			
ΔD103 DIODE 10V 400mA			
ΔD104 DIODE 80V 100mA			
ΔD105 DIODE 5.1V 400mA			
ΔD106 DIODE 80V 100mA			
< FUSE >			
ΔF001 FUSE 250V 1.5A			
< IC >			
ΔIC101 IC UPC1093J-1-T			
ΔIC102 IC MS1957BL			

\*\*\*\*\*  
 ΔT001 CONVERTER TRANSFORMER N-T00-979C

Ref. No.	Part No.	Description	Remark
Δ	1-468-219-13	POWER BLOCK	

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
Δ	1-468-219-13	POWER BLOCK	(5502)
	LM40791	HEAT SINK	
	NACPEW-B3*10ZF	SCREW	
	PFC5000-0203	HOLDER FUSE	
	LFS-9.2	COVER LED	
< CAPACITOR >			
ΔC001 FILM 0.047uF 250V			
ΔC002 FILM 0.047uF 250V			
ΔC003 ELECT 47uF 400V			
ΔC004 CERAMIC 68PF 1KV			
ΔC005 CERAMIC 1000PF 1KV			
ΔC006 FILM 0.022uF 100V			
ΔC007 CERAMIC 0.1uF 50V			
ΔC008 FILM 0.047uF 100V			
ΔC010 CERAMIC 2200PF 250V			
ΔC011 CERAMIC 2200PF 250V			
ΔC012 CERAMIC 0.1uF 50V			
ΔC101 ELECT 560uF 16V			
ΔC102 ELECT 820uF 16V			
ΔC103 ELECT 180uF 16V			
ΔC104 ELECT 180uF 16V			
ΔC105 ELECT 2.2uF 50V			
ΔC106 ELECT 1uF 50V			
< CONNECTOR >			
ΔCN001 AC INLET AC-M08PC93			
ΔCN002 CONNECTOR B5B-EH-TS			
< DIODE >			
ΔD001 DIODE 600V 1A			
ΔD002 DIODE 600V 1A			
ΔD003 DIODE 600V 1A			
ΔD004 DIODE 600V 1A			
ΔD005 DIODE 800V 0.5A			
ΔD006 DIODE 200V 0.5A			
ΔD007 DIODE 80V 100mA			
ΔD008 DIODE 600V 1A			
ΔD101 DIODE 40V 2.5A			
ΔD102 DIODE 40V 2.5A			
ΔD103 DIODE 10V 400mA			
ΔD104 DIODE 80V 100mA			
ΔD105 DIODE 5.1V 400mA			
ΔD106 DIODE 80V 100mA			
< FUSE >			
ΔF001 FUSE 250V 1.5A			
< IC >			
ΔIC101 IC UPC1093J-1-T			
ΔIC102 IC MS1957BL			

**POWER BLOCK**

# POWER BLOCK

Ref. No.	Part No.	Description	Remark
< COIL >			
△L001	COIL	33mH 0.3A LF-4D-333	
△L101	COIL	10uH 1.9A TSL0709RA100K1R9	
△L102	COIL	10uH 1.9A TSL0709RA100K1R9	
< PHOTOCOUPLER >			
△PC001	PHOTOCOUPLER	80V 80mA PS2561-1DV	
< LED >			
△PD101	LED	30mA LT5E88	
< TRANSISTOR >			
△Q001	TRANSISTOR	800V 2.0A ZSC4231	
△Q002	TRANSISTOR	50V 150mA ZSC1740STP	
△Q101	TRANSISTOR	50V 100mA DTC143ESTP	
< RESISTOR >			
△R001	CARBON	330K 1/2W RDFP50ST5A334J	
△R002	CARBON	330K 1/2W RDFP50ST5A334J	
△R003	CARBON	820K 1/2W RDFP50ST5A824J	
△R005	CARBON	120 1/2W RDFP50ST5A151J	
△R006	CARBON	2.7K 1/4W RDFP16ST2A272J	
△R007	CARBON	4.7 1/4W RDFP16ST2A4R7J	
△R009	METAL OXIDE	0.68 1W RSS01WST5AR68J	
△R010	CARBON	100 1/4W RDFP16ST2A101J	
△R011	CARBON	6.8K 1/4W RDFP16ST2A682J	
△R012	CARBON	820 1/4W RDFP16ST2A821J	
△R101	CARBON	560 1/4W RDFP16ST2A561J	
△R102	CARBON	100 1/4W RDFP16ST2A101J	
△R103	CARBON	100 1/4W RDFP16ST2A101J	
△R104	CARBON	470 1/4W RDFP16ST2A471J	
△R105	CARBON	470 1/4W RDFP16ST2A471J	
△R106	METAL	470 1/4W SNZP16ST2A4700D	
△R107	METAL	(ADJ)	
	METAL	1.1K 1/4W SNZP16ST2A1101D	
	METAL	953 1/4W SNZP16ST2A9530D	
	METAL	965 1/4W SNZP16ST2A9650D	
	METAL	976 1/4W SNZP16ST2A9760D	
	METAL	988 1/4W SNZP16ST2A9880D	
	METAL	1.0K 1/4W SNZP16ST2A1001D	
	METAL	1.01K 1/4W SNZP16ST2A1011D	
	METAL	1.02K 1/4W SNZP16ST2A1021D	
	METAL	1.04K 1/4W SNZP16ST2A1041D	
	METAL	1.05K 1/4W SNZP16ST2A1051D	
	METAL	1.06K 1/4W SNZP16ST2A1061D	
	METAL	1.07K 1/4W SNZP16ST2A1071D	
	METAL	1.09K 1/4W SNZP16ST2A1091D	
	METAL	1.11K 1/4W SNZP16ST2A1111D	
	METAL	1.13K 1/4W SNZP16ST2A1131D	
△R108	CARBON	120 1/4W RDFP16ST2A121J	
△R109	METAL	13.3K 1/4W SNZP16ST2A1332F	
△R110	METAL	10K 1/4W SNZP16ST2A1002F	

Ref. No.	Part No.	Description	Remark
△R111	CARBON	15 1/4W RDFP16ST2A150J	
△R112	CARBON	180 1/4W RDFP16ST2A181J	
< SWITCH >			
△SW101	SWITCH	12V 3A SL-ASBB03 (POWER)	
△SW102	SWITCH	ESE20B9 (RESET)	
< TRANSFORMER >			
△T001	CONVERTER TRANSFORMER	N-T00-956C	

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Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



The components identified by  
 mark Δ or dotted line with  
 mark Δ are critical for  
 safety. Replace only with  
 part number specified.  
 Les composants identifiés  
 par une marque Δ sont  
 critiques pour la sécurité.  
 Ne les remplacer que par une pièce  
 portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
ΔC001	MRP20104M	FILM	
ΔC002	KH222M	CERAMIC	
ΔC003	KH222M	CERAMIC	
ΔC004	KH222M	CERAMIC	
ΔC005	ECOS2G8820	ELECT	
ΔC008	DE1SL470J	CERAMIC	
ΔC009	ECQV1H154JL	FILM	
ΔC010	ECQ81H682KF	FILM	
ΔC011	ECQ81H682KF	FILM	
ΔC012	ECQ6E472KZ	FILM	
ΔC013	ECQ81H102JF	FILM	
ΔC102	EUFC1E561	ELECT	
ΔC103	EUFC1E561	ELECT	
ΔC104	EUFC1E221	ELECT	
ΔC105	EUFC1E331	ELECT	
ΔC106	ECQ81H683	FILM	
ΔC107	ECQ81H1010	ELECT	
ΔCNO1	ACMO8PC39	AC INLET CONNECTOR	
ΔD001	S1WB60	DIODE	
ΔD003	KA165	DIODE	
ΔD004	KA165	DIODE	
ΔD007	KA165	DIODE	
ΔD008	KA165	DIODE	
ΔD101	FCQ10A3L	DIODE	
ΔD102	FCQ6A6	DIODE	
ΔD103	KA7D49A	DIODE	
ΔF001	19181 1.6A	FUSE	
ΔIC101	MS1957BL	IC	
ΔL001	ELF15N003A	FILTER CHOKE	
ΔL101	3RH 2.5A	CHOK	
ΔL102	3RH 2.5A	CHOK	
ΔPC001	PS2561L-1	OPTISOLATOR PC	
ΔPD101	LNJ301MPJAD	LED	

Ref. No.	Part No.	Description	Remark
Δ0001	50W800V3	TRANSISTOR	
ΔQ002	2SD1450	TRANSISTOR	
ΔQ101	2SC3311A	TRANSISTOR	
ΔQ102	2SC3311A	TRANSISTOR	
ΔQ103	2SA1309A	TRANSISTOR	
ΔQ104	UN421D	TRANSISTOR	
ΔR001	470K 0.5W	CARBON	
ΔR002	15K 0.25W	CARBON	
ΔR003	330 1W	METAL OXIDE	
ΔR004	11K 0.25W	METAL	
ΔR005	33 0.25W	CARBON	
ΔR006	20K 0.25W	METAL	
ΔR007	390 0.25W	CARBON	
ΔR008	150 0.5W	CARBON	
ΔR009	82K 0.25W	CARBON	
ΔR010	82K 0.25W	CARBON	
ΔR011	15 0.25W	CARBON	
ΔR105	768 0.25W	METAL	
ΔR107	220 0.25W	CARBON	
ΔR108	220 0.25W	CARBON	
ΔR110	1.5K 0.25W	CARBON	
ΔR111	15 0.25W	CARBON	
ΔR112	180K 0.25W	CARBON	
ΔR113	13.3K 0.25W	METAL	
ΔR114	10K 0.25W	METAL	
ΔR115	100 0.25W	CARBON	
ΔR116	56 0.25W	CARBON	
ΔR117	1.2K 0.25W	CARBON	
ΔS001	ESB2101M	SWITCH	
ΔS0102	ESB2101M	SWITCH	
ΔT001	ETB28AE166**	TRANSFORMER	
ΔZD001	MA4047	ZENER DIODE	
ΔZD002	MA4056	ZENER DIODE	
ΔZD101	MA4051	ZENER DIODE	
ΔZD102	RDS.1B	ZENER DIODE	
ΔZD103	RD12EB	ZENER DIODE	
ΔZD104	MA4051	ZENER DIODE	

**POWER BLOCK**

(5503)

1-468-243-11 POWER BLOCK

# POWER BLOCK

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS *****	
△5	8-820-011-01	PICK-UP, OPTICAL KSM-440ADM/C1N	
* 6	1-777-919-11	CABLE, FLAT (FFC-215)	
* 7	1-500-226-21	BEAD, FERRITE	
* 14	1-537-836-17	TERMINAL BOARD (FRONT)	
*****			

Ref. No.	Part No.	Description	Remark
		ACCESSORIES & PACKING MATERIALS *****	
<SCPH-5500>			
△	1-769-322-11	CORD, POWER	
*	1-775-957-11	CORD, CONNECTION (CONTROLLER)	
*	3-961-986-01	SHEET, PROTECTION	
*	3-967-122-01	CUSHION	
*	3-859-256-01	MANUAL, INSTRUCTION (JAPANESE)	
<SCPH-5501>			
△	1-775-549-21	CORD, POWER	
*	1-775-957-23	CORD, CONNECTION (CONTROLLER)	
*	1-777-918-21	CORD, CONNECTION	
*	3-860-048-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH)	
*	3-966-400-01	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH)	
<SCPH-5502A>			
△	1-696-819-21	CORD, POWER	
*	1-775-957-23	CORD, CONNECTION (CONTROLLER)	
*	1-777-918-21	CORD, CONNECTION	
*	3-973-676-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH)	
<SCPH-5502B>			
	1-475-177-41	ADAPTOR, RF	
△	1-751-673-21	CORD, POWER	
*	1-775-957-23	CORD, CONNECTION (CONTROLLER)	
*	3-860-044-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH)	
*	3-860-045-11	MANUAL, INSTRUCTION (GERMAN, ITALIAN, DUTCH, DANISH, FINNISH, SWEDISH)	
<SCPH-5502C>			
	1-573-291-11	CONNECTOR, CONVERSION	
△	1-575-131-11	CORD, POWER	
*	1-775-957-23	CORD, CONNECTION (CONTROLLER)	
*	1-777-918-21	CORD, CONNECTION	
*	3-860-044-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH)	
*	3-860-045-11	MANUAL, INSTRUCTION (GERMAN, ITALIAN, DUTCH, DANISH, FINNISH, SWEDISH)	
<SCPH-5503>			
	1-573-291-11	CONNECTOR, CONVERSION	
*	1-775-957-14	CORD, CONNECTION (CONTROLLER)	
△	1-777-806-11	CORD, POWER	
*	3-961-986-01	SHEET, PROTECTION	
*	3-967-122-01	CUSHION	
*	3-860-692-11	MANUAL, INSTRUCTION (ENGLISH, CHINESE)	

<p>The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.</p>	<p>Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.</p>
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Sony Computer Entertainment Inc.

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