

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

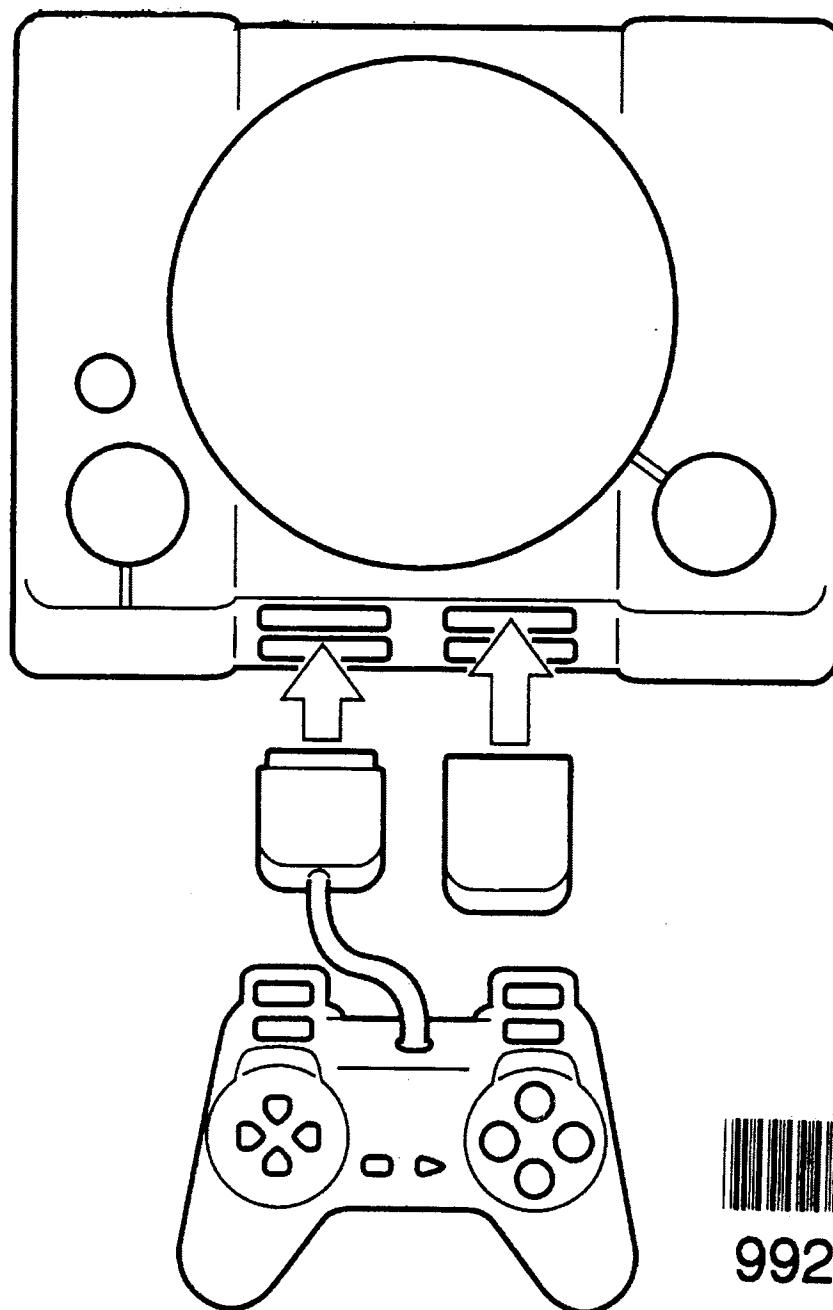
SCPH-5502B

AEP Model

SCPH-5502C

Asian Model

SCPH-5503



992701501

不許複製 Reproduction prohibited

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 3/4 × 2 3/8 × 7 1/2 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)

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 3/4 × 2 3/8 × 7 1/2 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 U/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 3/4 × 2 3/8 × 7 1/2 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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• PU-18 (-52/-62) Board	80
• PU-18 (-72/-82) Board	86
• Power Block (1-468-176-11)	91
• Power Block (1-468-218-11)	93
• Power Block (1-468-218-21)	94
• Power Block (1-468-218-31)	96
• Power Block (1-468-219-13)	97
• Power Block (1-468-243-11)	99
• Accessories & Packing Materials	100

- List of the PC Board Used for the Models

Suffix Number for Board Model Name	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

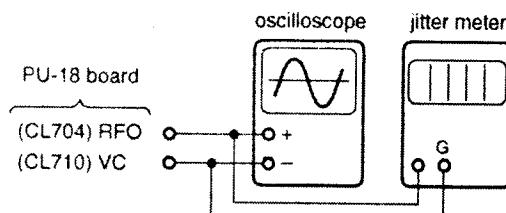
Note on Adjustment

- 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 $10M\Omega$ impedance.

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

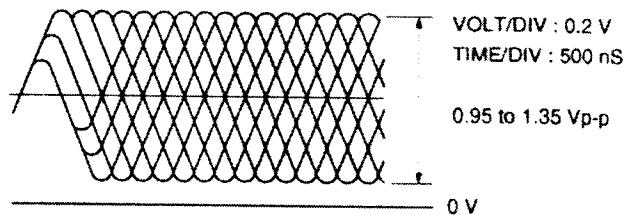
This Check is to be done when the optical pick-up block is replaced.

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.

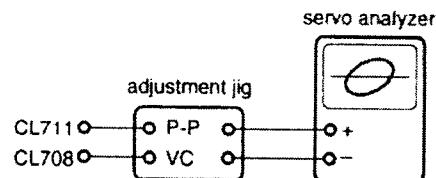
- RF signal waveform (eye pattern)



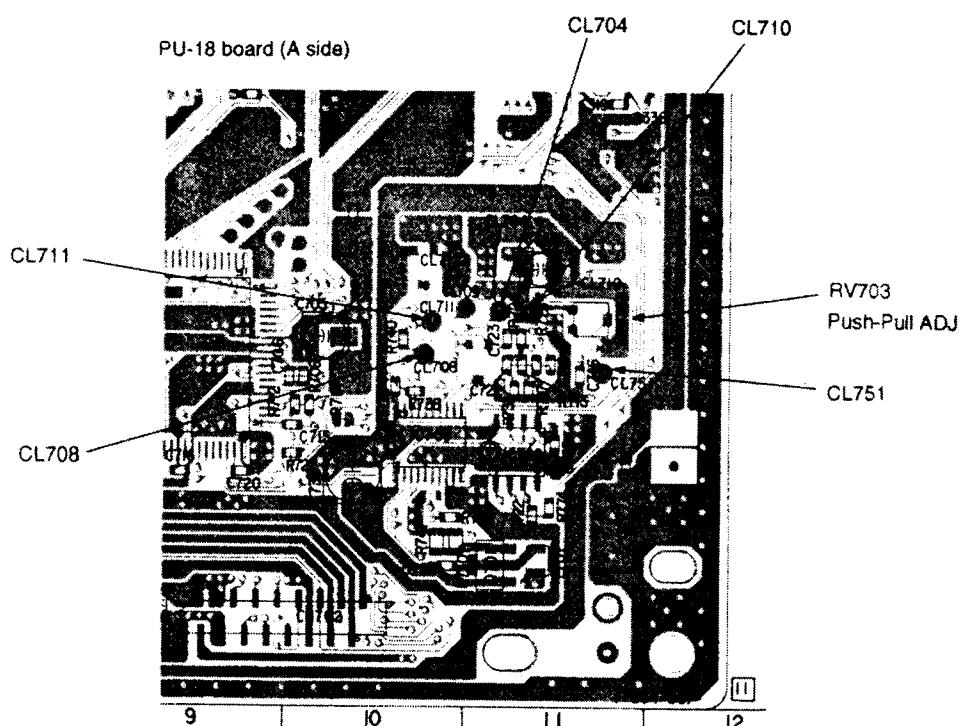
When observing the eye pattern, set the oscilloscope for AC range and raise vertical sensitivity.

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

Procedure :

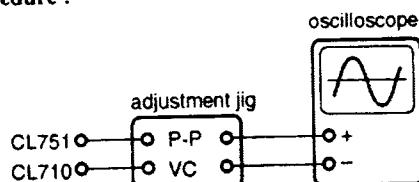


1. Connect the adjustment jig and servo analyzer between CL711 and CL708 on the PU-18 board.
2. Insert disc (SCD-2700) and turn on the power.
3. Playback disc. (Push the **[>START]** button on the controller.)
4. With the servo analyzer, confirm that the focus gain is $0 \pm 2.5 \text{ dB}/1 \text{ kHz}$.



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

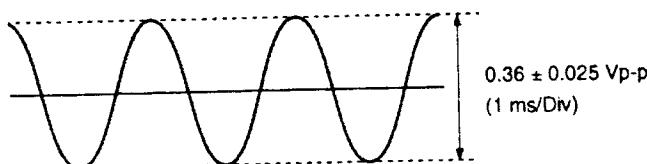
Procedure :



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 ± 0.025 Vp-p.

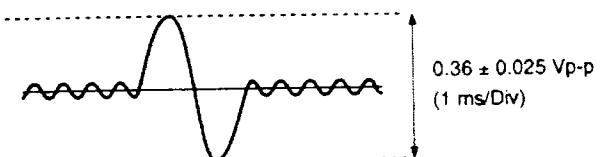
Note : Be sure to use the specified disc for this adjustment.

Reference waveform for push-pull signal.



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 ± 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.

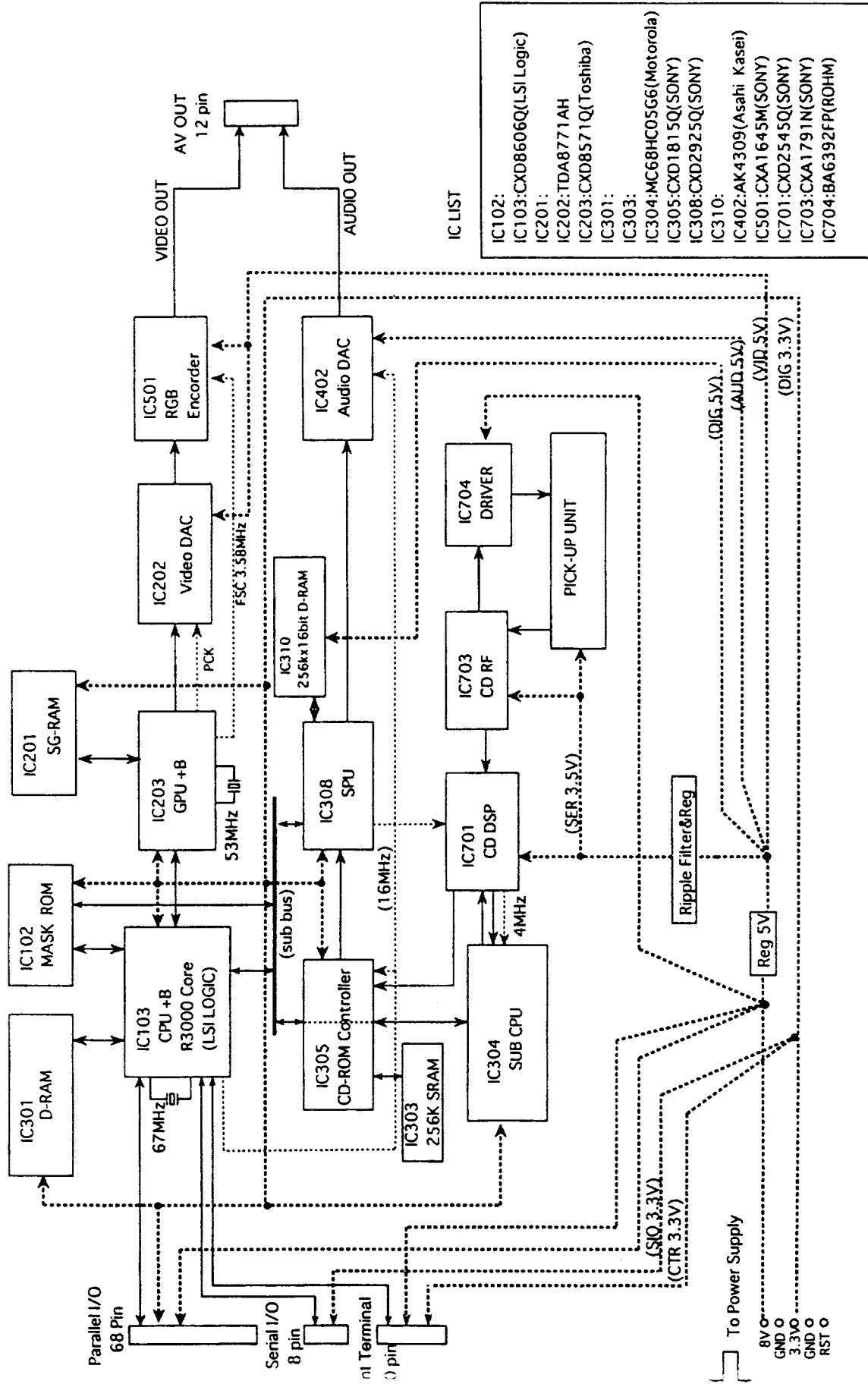
1-4. Notice For Parts Replacement

This parts should be used in same group as follows.

Ref. No	A Group			B Group		
	Part No.	Description	Remark	Part No.	Description	Remark
IC202	8-759-440-92	TDA8771AH		8-759-478-55	MC141685FT	
C237	I-216-864-11	0 Ω		I-164-156-11	0.1 μF B	
R201	I-216-831-11	6.8 kΩ		I-216-819-91	680 Ω	
R503,504,505	I-216-039-00	390 Ω		I-216-029-00	150 Ω	
R541,542,543	I-216-045-00	680 Ω (2012)		I-216-295-91	0 Ω (2012)	

SECTION 2

BLOCK DIAGRAM

2-1. SCPH-5500 SERIES BLOCK DIAGRAM

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 μF unless otherwise noted. μF : $\mu\mu\text{F}$ 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω 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 Ω , $\text{M}\Omega$: 1000 $\text{k}\Omega$.

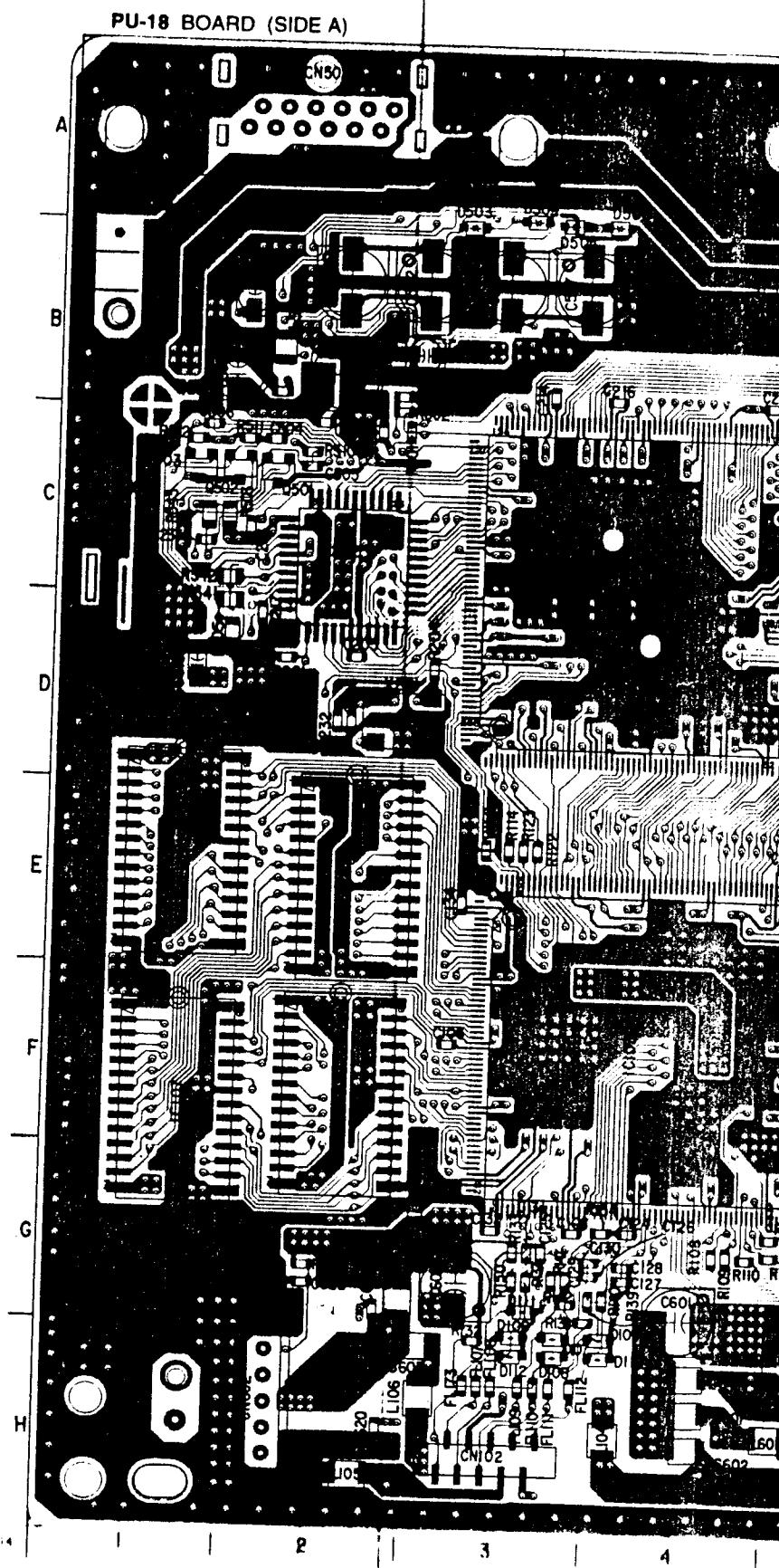
Note :
The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

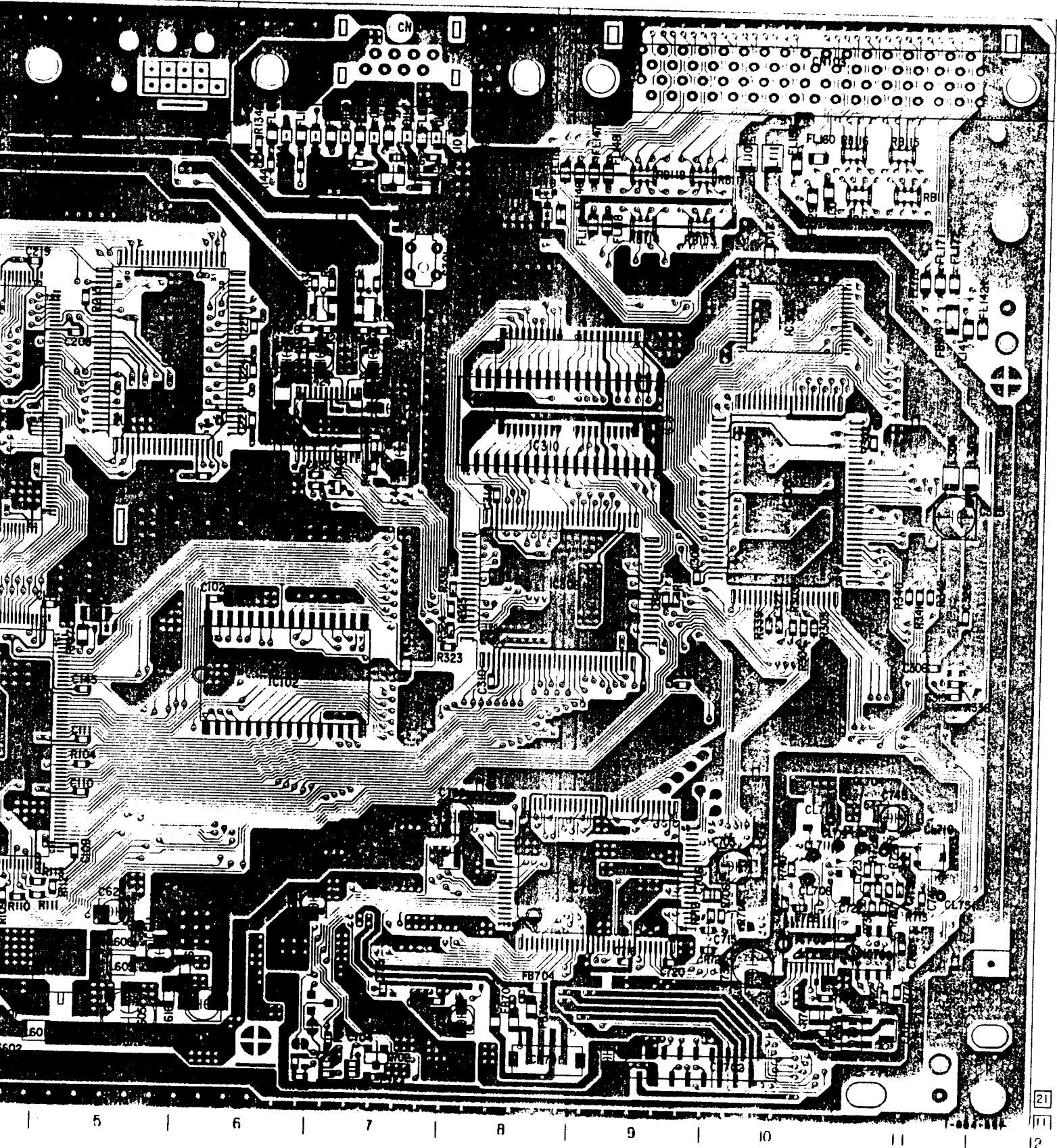
Note :
Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

• Semiconductor Location (PU-18 board(-11/-21))

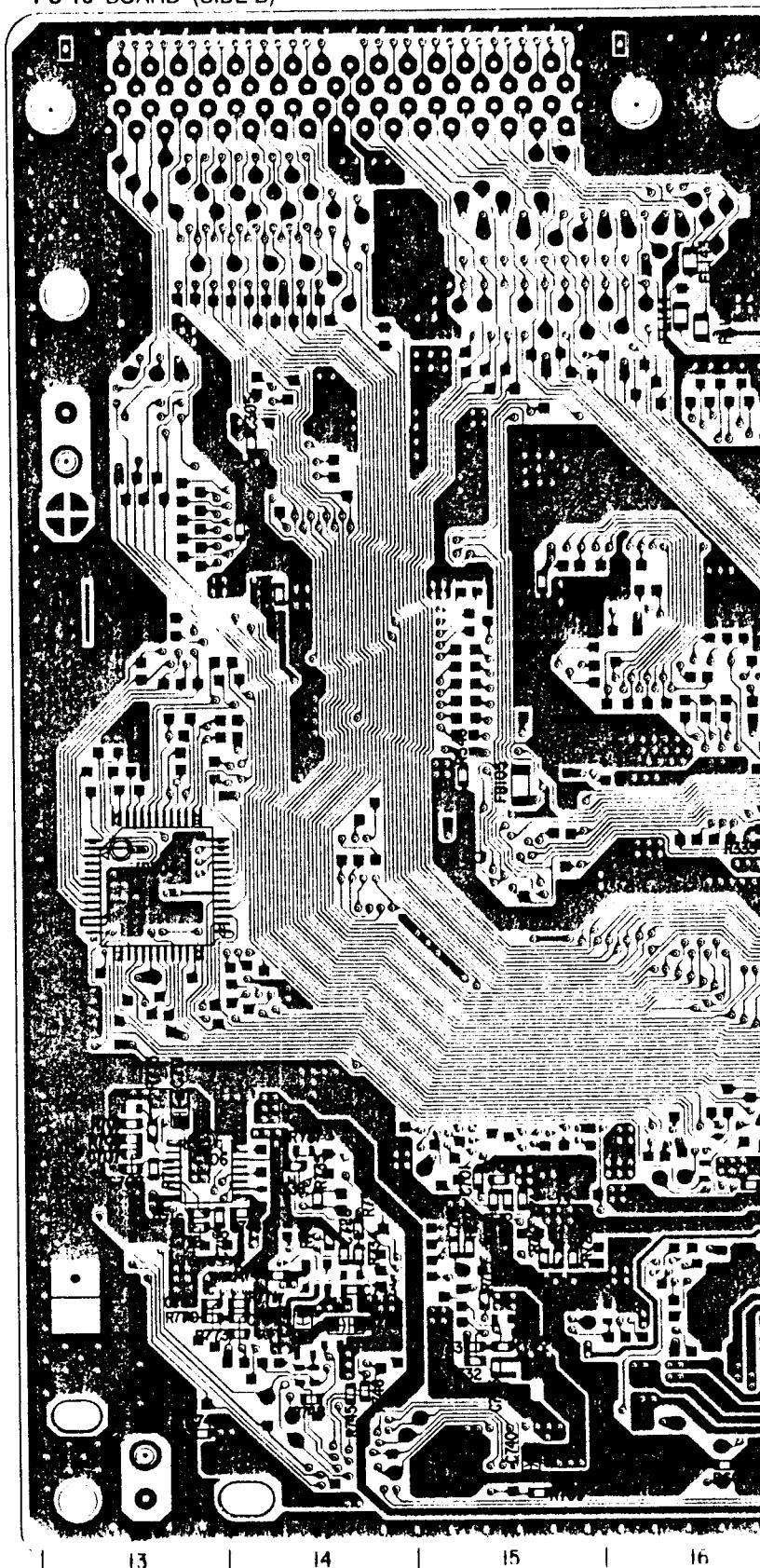
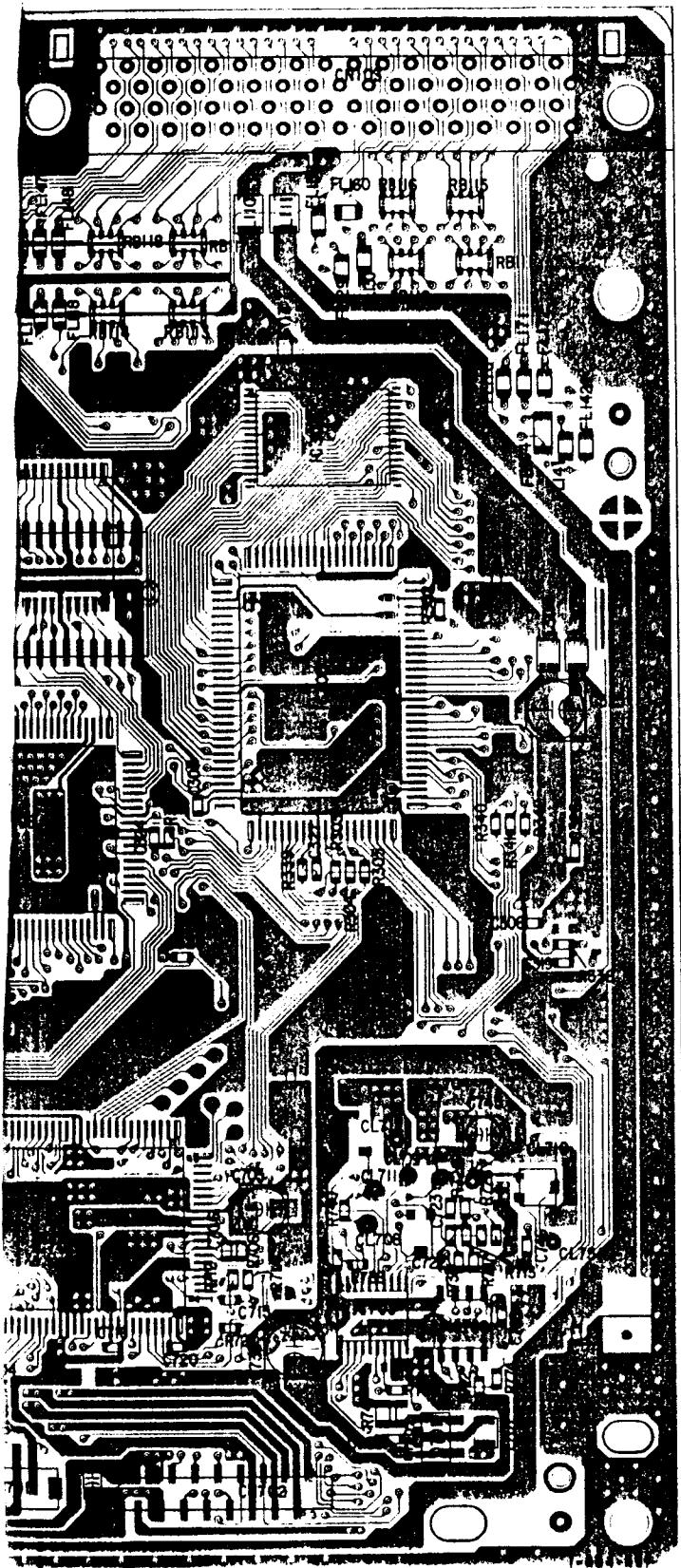
Ref. No.	Location	Ref. No.	Location
D101	B-7	IC201	C-5
D102	A-7	IC202	C-2
D103	B-7	IC203	C-4
D104	B-6	IC303	C-10
D105	B-6	IC304	E-13
D106	H-3	IC305	D-10
D107	H-3	IC308	E-8
D108	H-3	IC310	C-8
D109	G-4	IC402	D-7
D110	G-4	IC501	C-23
D111	G-3	IC601	H-5
D112	H-3	IC701	G-9
D114	B-7	IC702	H-18
D118	B-8	IC703	G-10
D119	B-8	IC704	G-17
D401	D-7	IC706	G-13
D406	B-20	IC708	G-11
D407	B-20		
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
D511	B-22	Q505	B-22
		Q506	B-21
IC102	E-6	Q609	H-18
IC103	F-4	Q610	H-18
IC106	F-2	Q611	H-18
IC107	F-1	Q701	H-11
IC108	F-2	Q702	H-7
IC109	E-1		

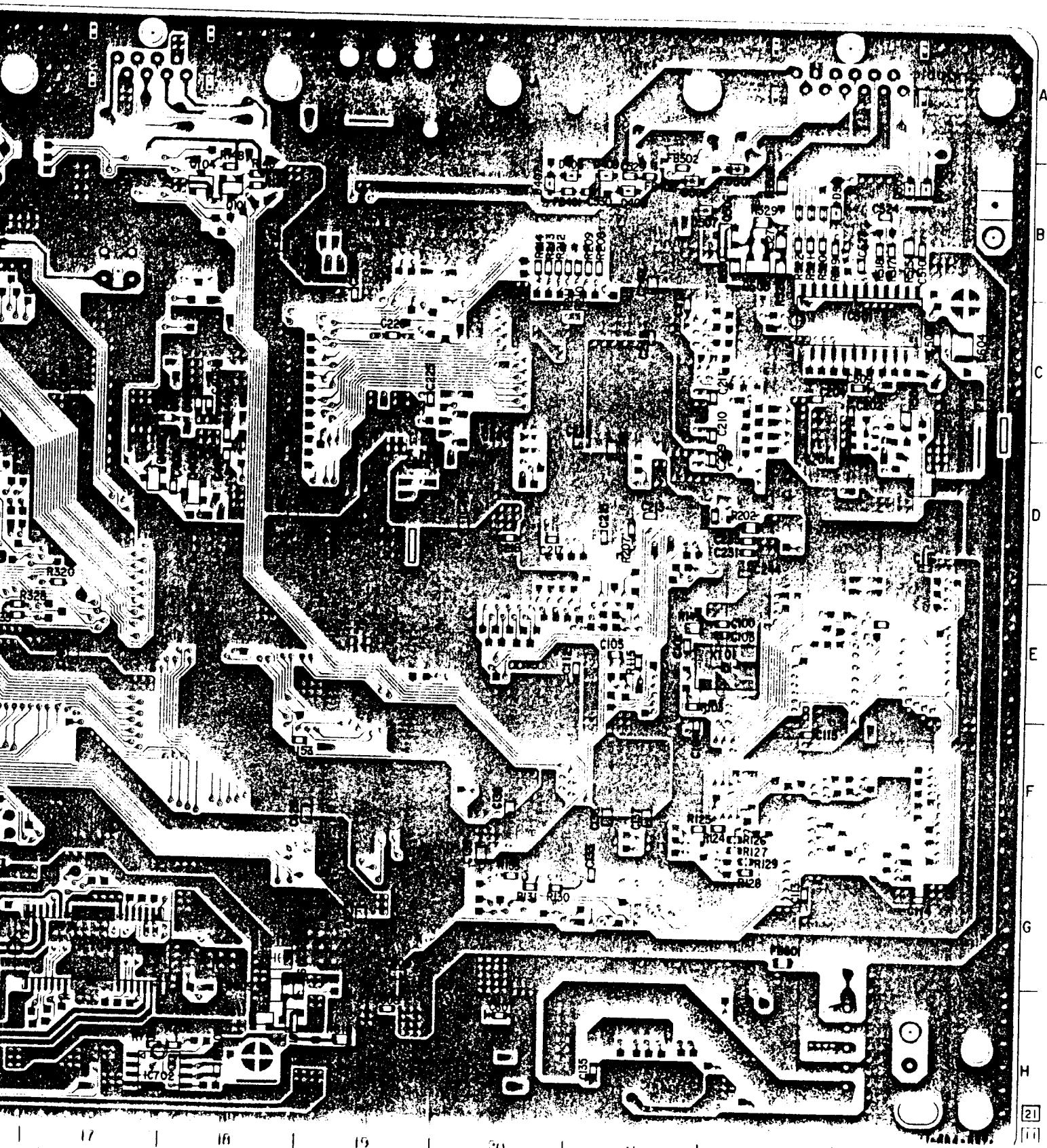
3-1. PRINTED WIRING BOARD (PU-18 (-11/-21) BOARD)





PU-18 BOARD (SIDE B)

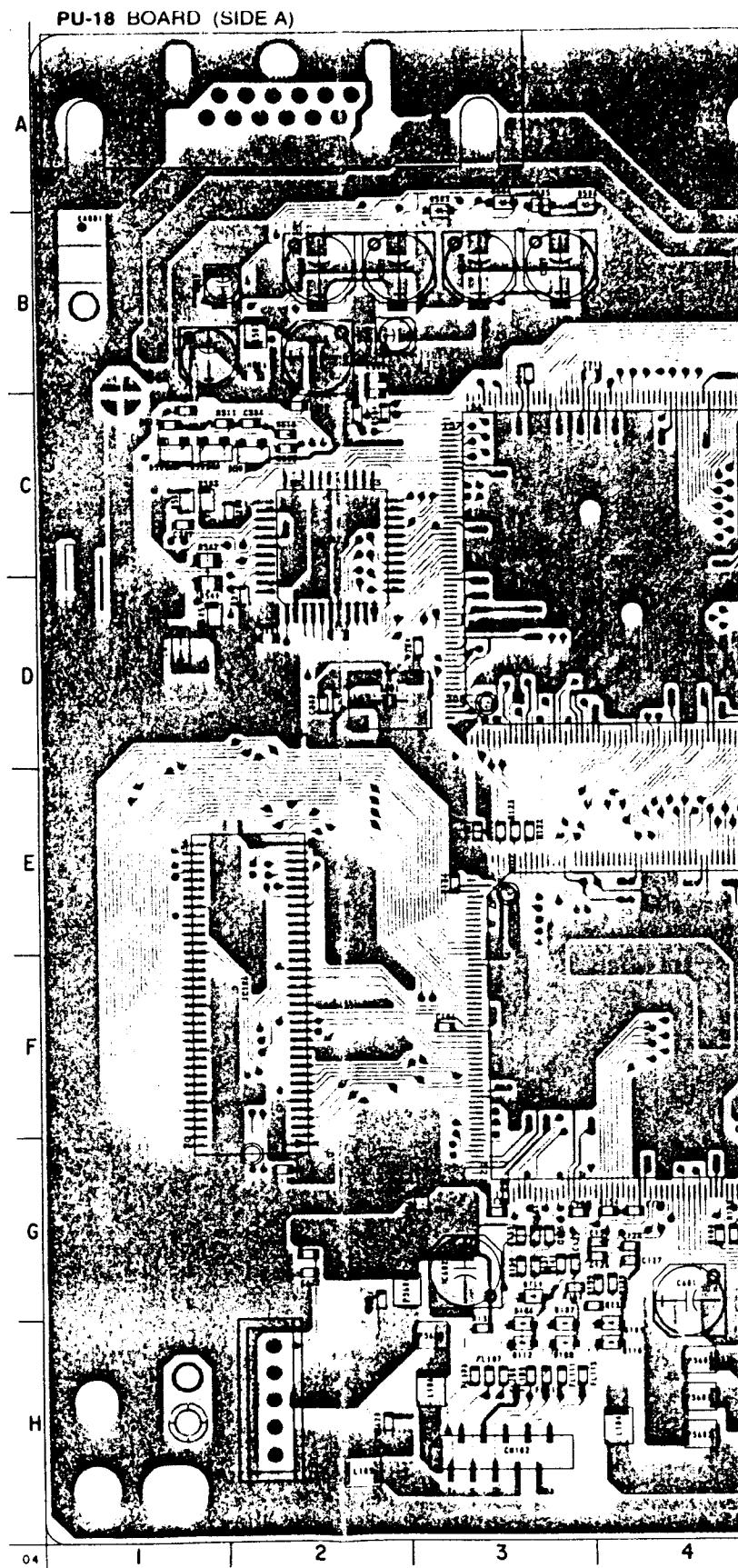


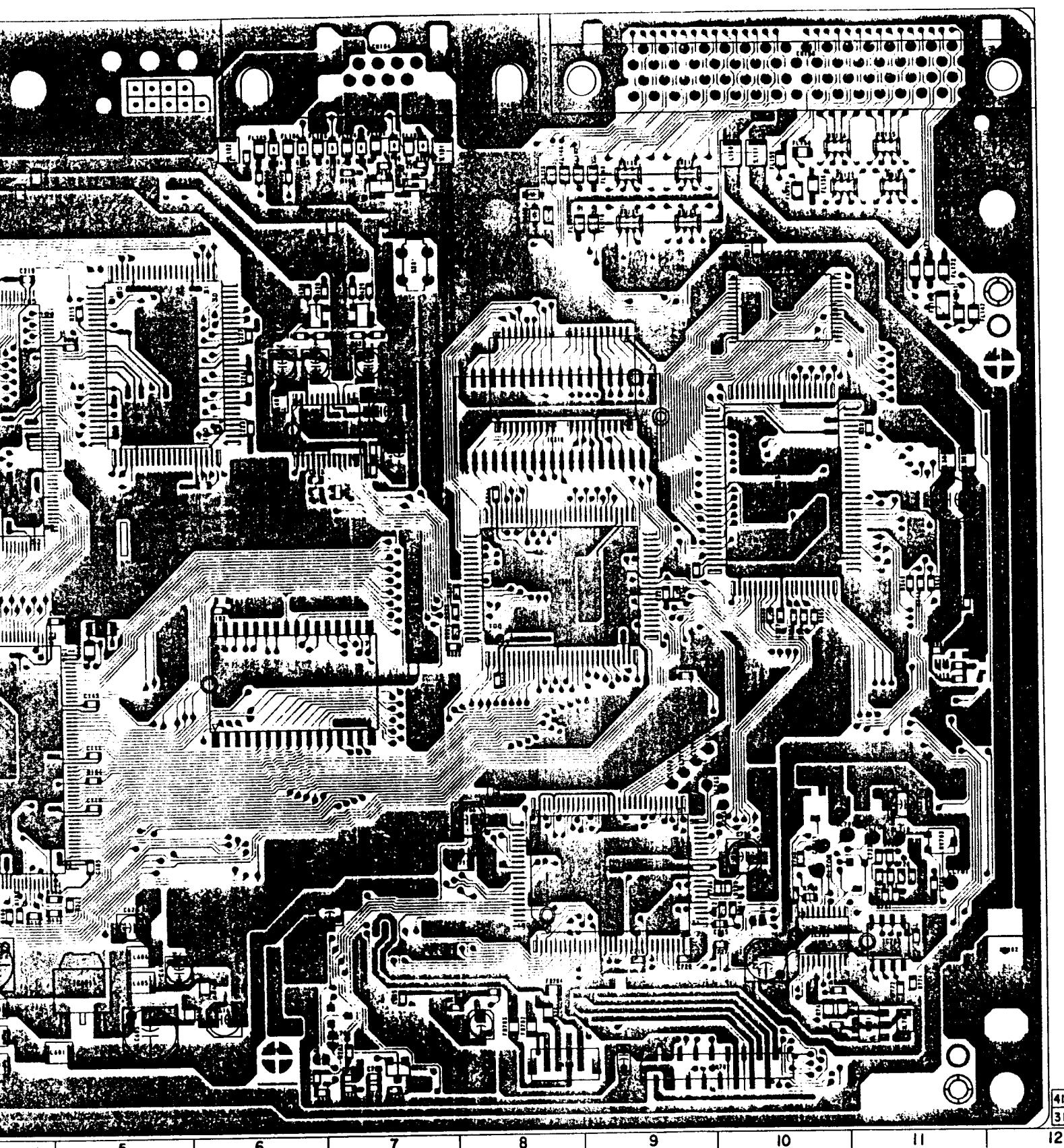


3-2. PRINTED WIRING BOARD (PU-18 (-31/-41) BOARD)

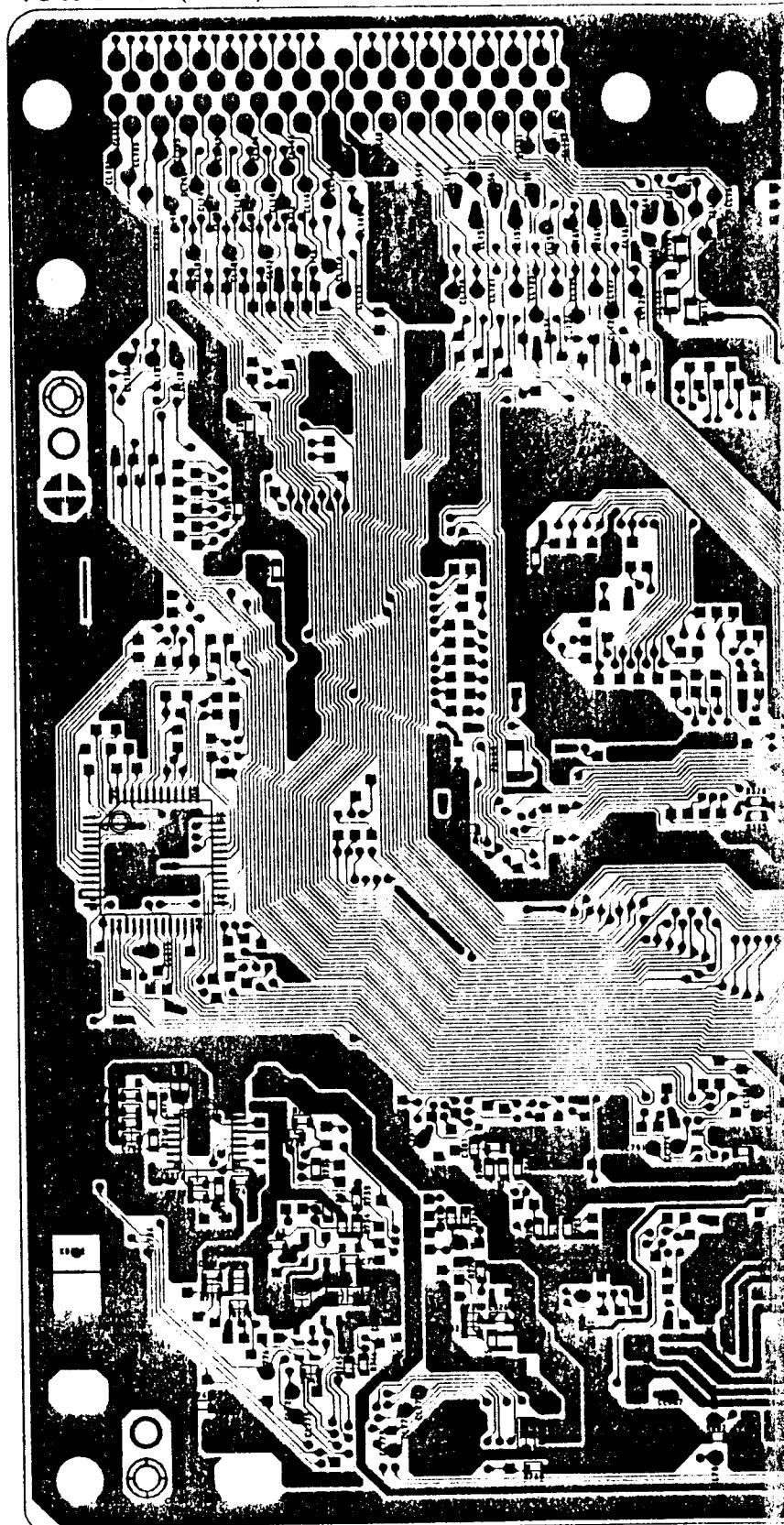
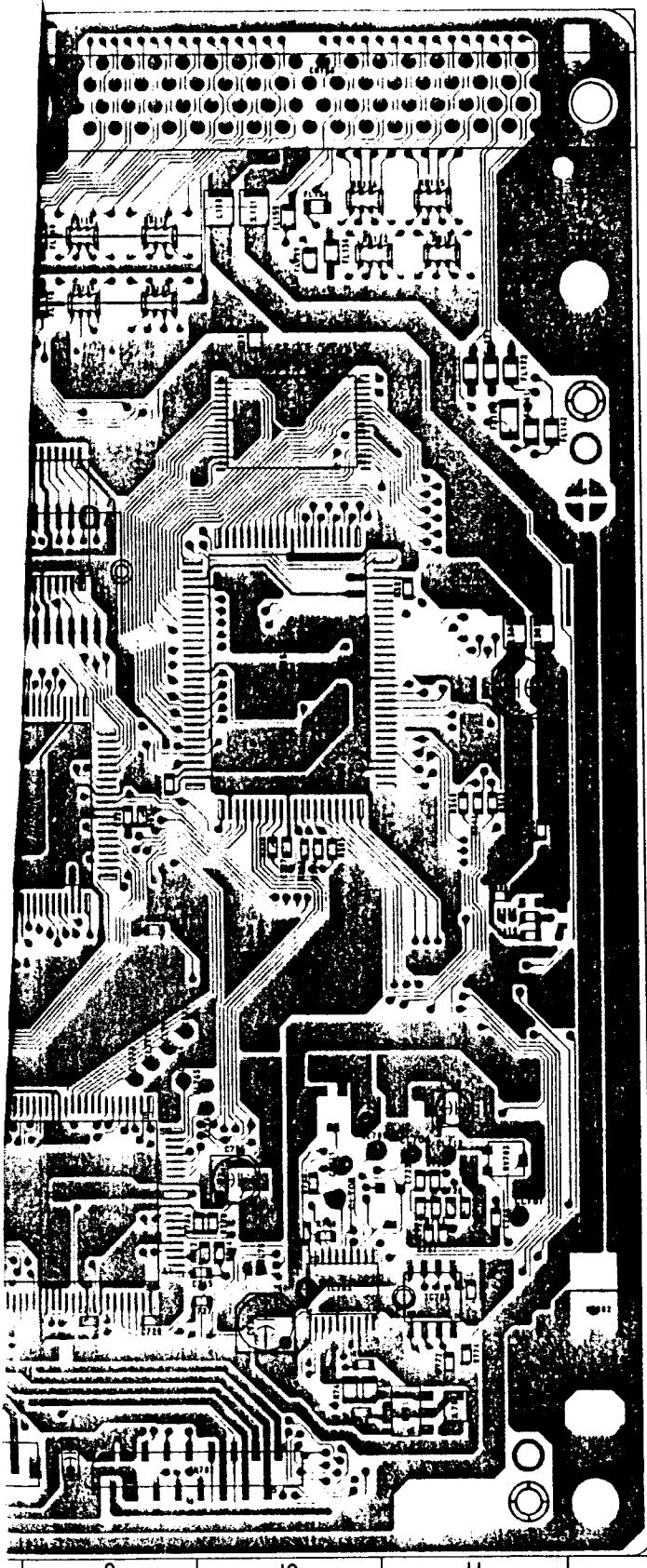
• Semiconductor Location (PU-18 board(-31/-41))

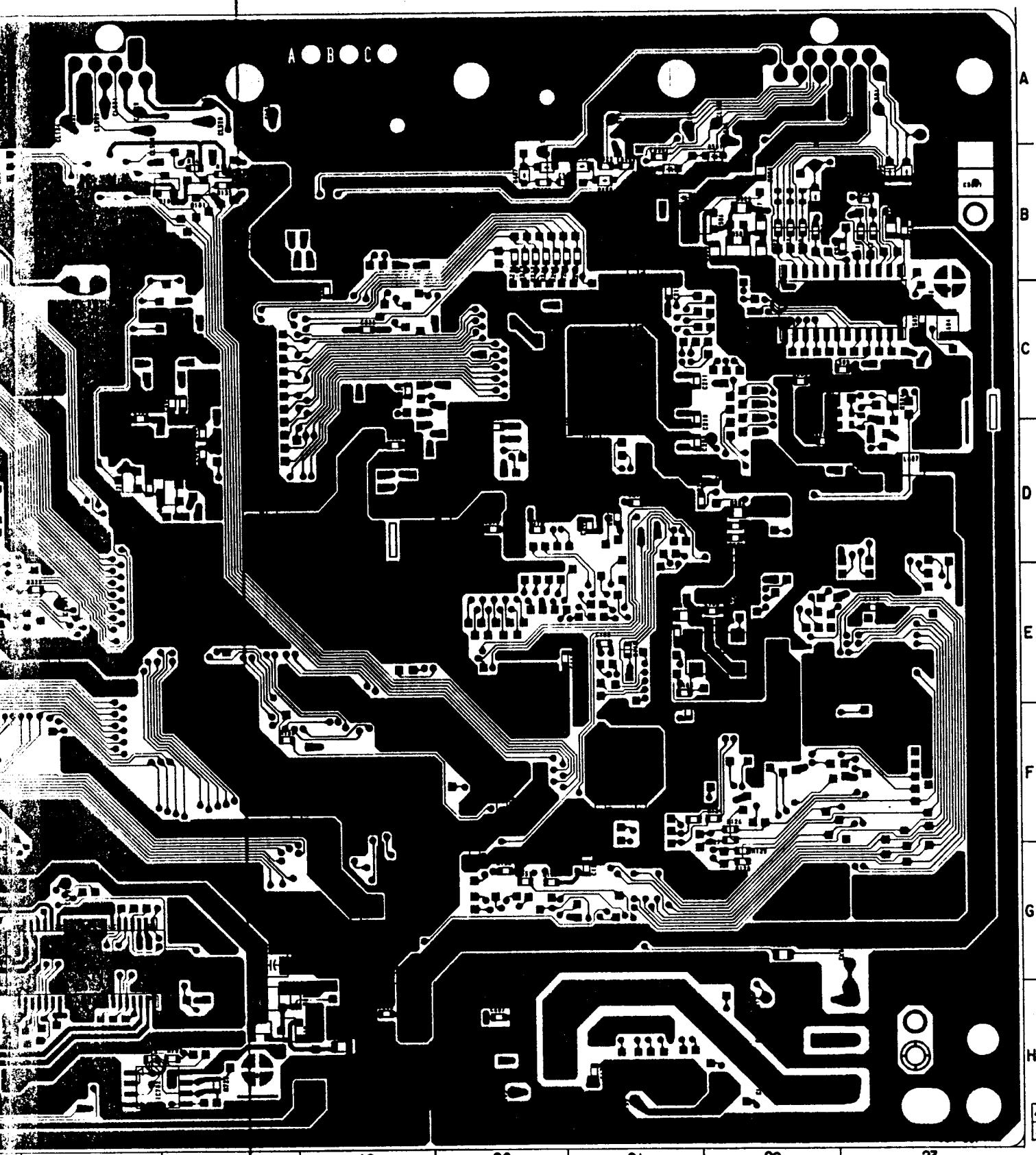
Ref. No.	Location	Ref. No.	Location
D101	B-7	IC202	C-2
D102	A-7	IC203	C-4
D103	B-7	IC303	C-10
D104	B-6	IC304	E-13
D105	B-6	IC305	D-10
D106	H-3	IC308	E-8
D107	H-3	IC310	C-8
D108	H-3	IC402	D-7
D109	G-4	IC501	C-23
D110	G-4	IC601	H-5
D111	G-3	IC701	G-9
D112	H-3	IC702	H-18
D114	B-7	IC703	G-10
D118	B-8	IC704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





PU-18 BOARD (SIDE B)

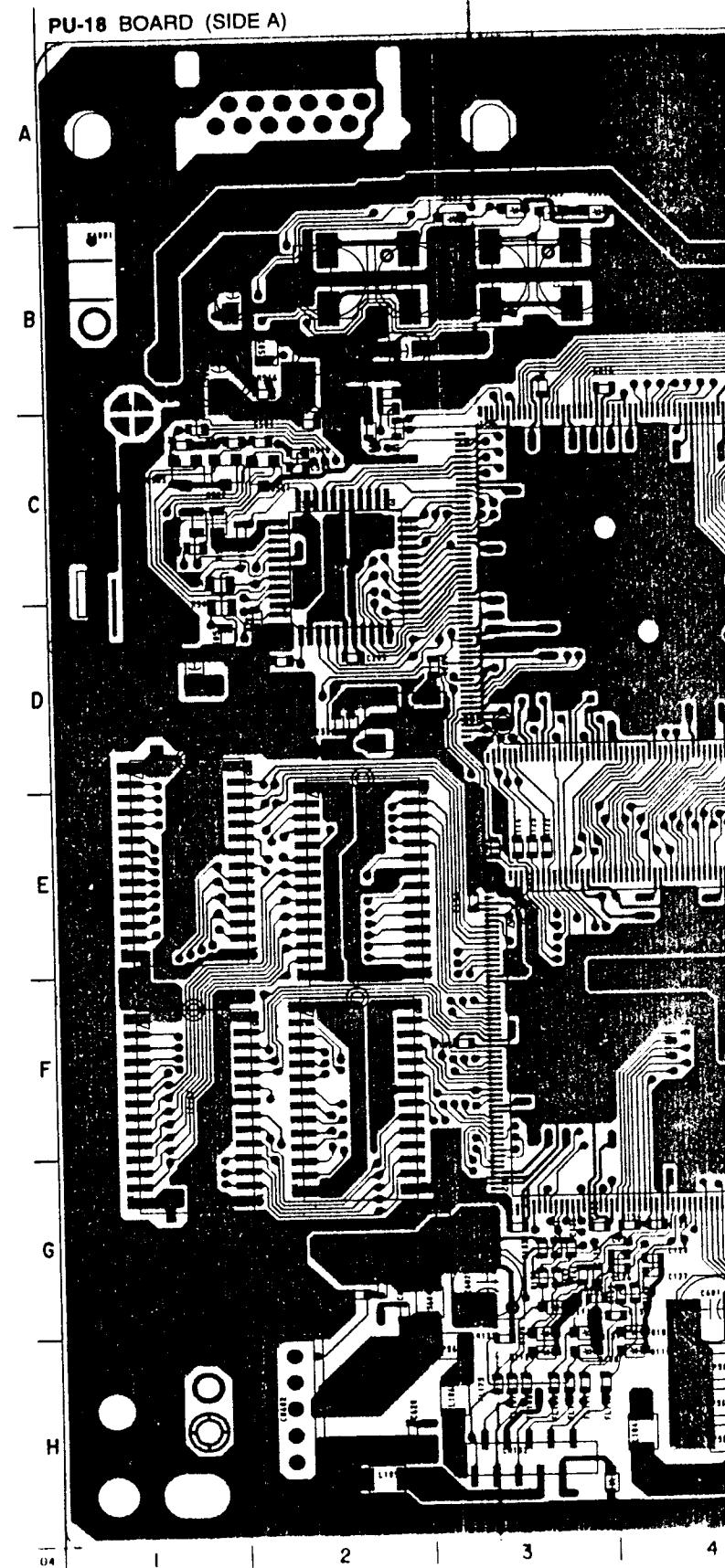


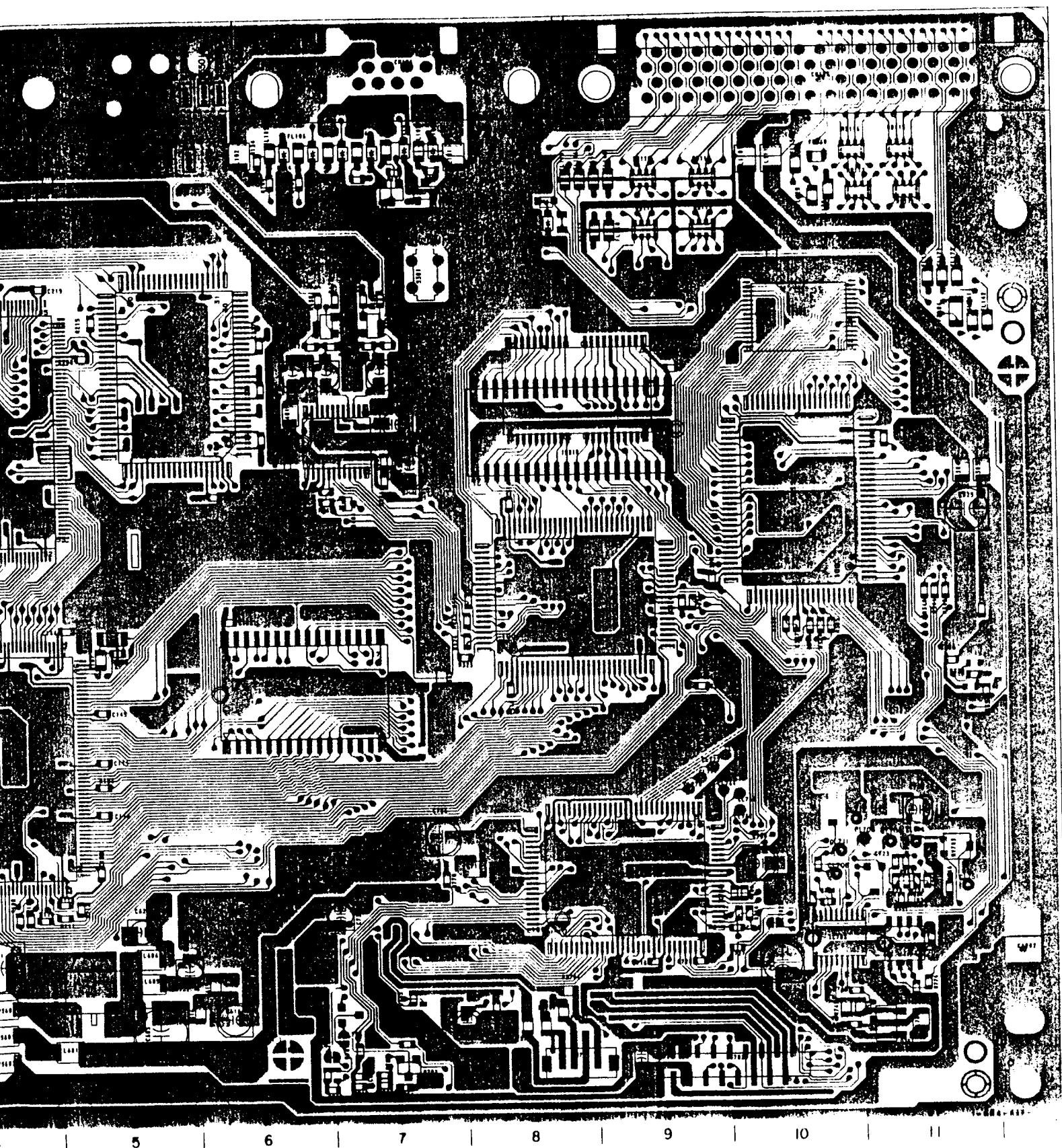


3-3. PRINTED WIRING BOARD (PU-18 (-52/-62) BOARD)

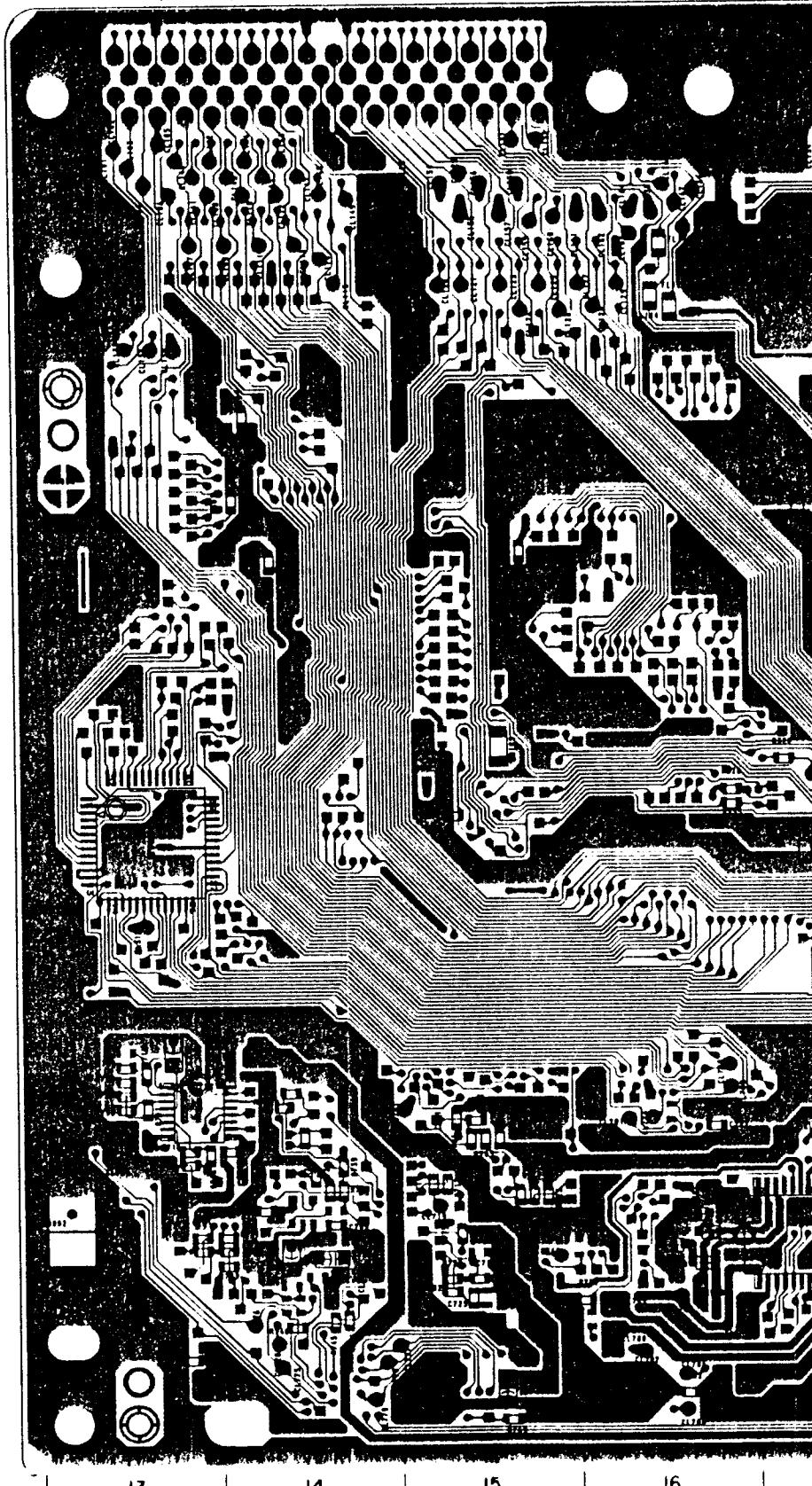
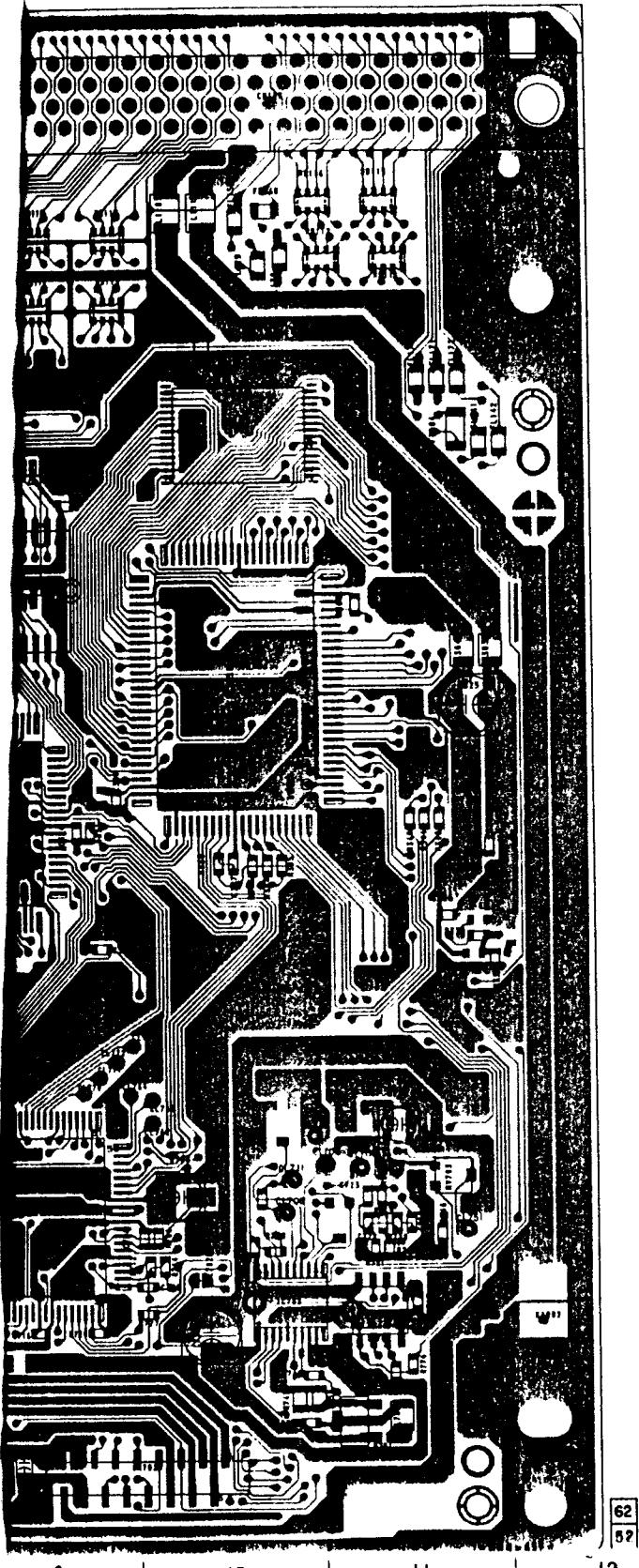
• Semiconductor Location (PU-18 board(-52/-62))

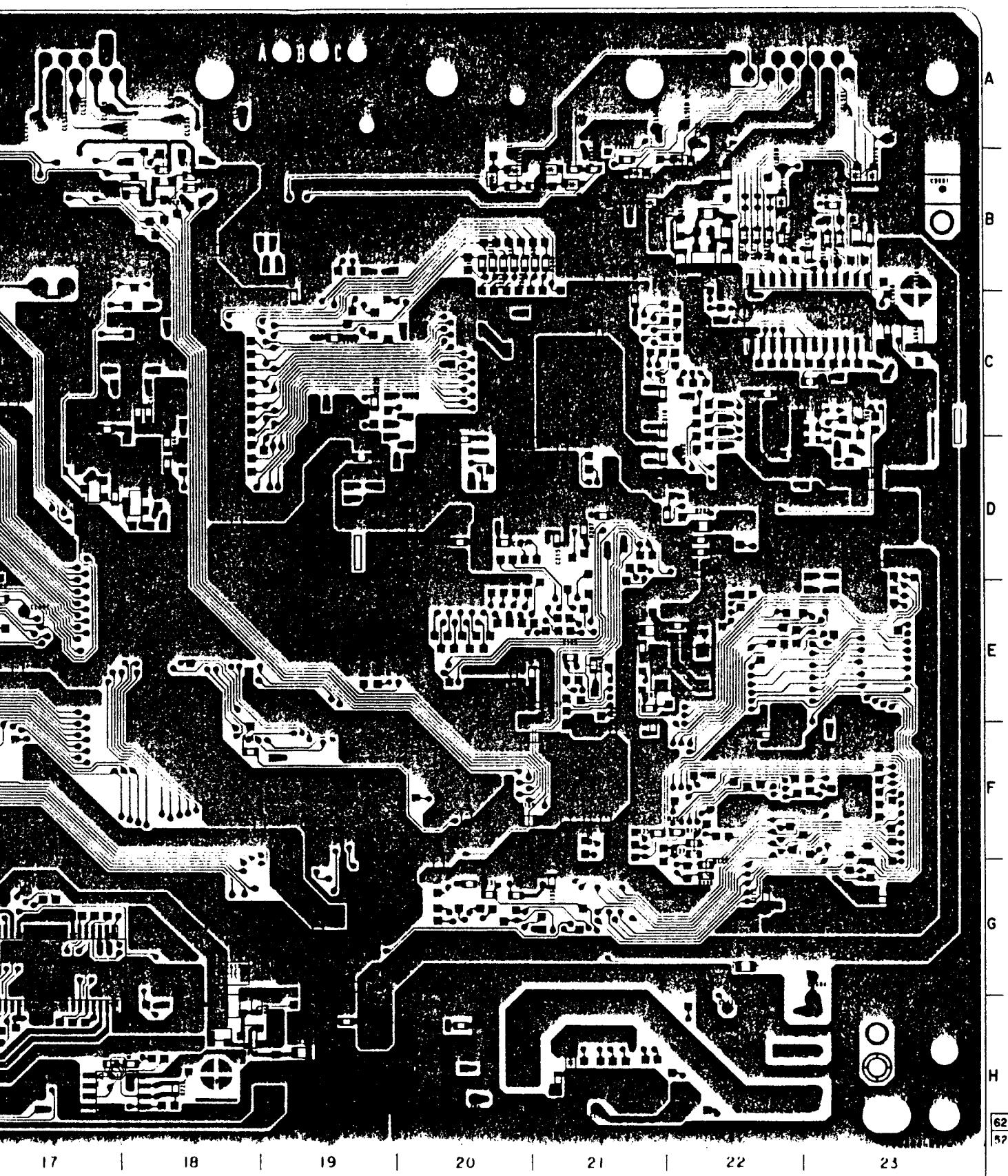
Ref. No.	Location	Ref. No.	Location
D101	B-7	IC107	F-1
D102	A-7	IC108	E-2
D103	B-7	IC109	E-1
D104	B-6	IC201	C-5
D105	B-6	IC202	C-2
D106	H-3	IC203	C-4
D107	H-3	IC303	C-10
D108	H-3	IC304	E-13
D109	G-4	IC305	D-10
D110	G-4	IC308	E-8
D111	G-3	IC310	C-8
D112	H-3	IC402	D-7
D114	B-7	IC501	C-23
D118	B-8	IC601	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		
D409	B-20	Q101	B-18
D501	B-22	Q102	B-7
D502	B-21	Q103	B-7
D503	B-3	Q104	B-18
D504	B-3	Q401	D-18
D505	B-3	Q402	D-17
D506	B-3	Q403	C-7
D507	B-21	Q404	C-6
D509	B-23	Q501	C-2
D510	B-23	Q502	C-1
D511	B-22	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
		Q611	H-18
IC102	E-6	Q701	H-11
IC103	F-4	Q702	H-7
IC106	F-2		





PU-18 BOARD (SIDE B)

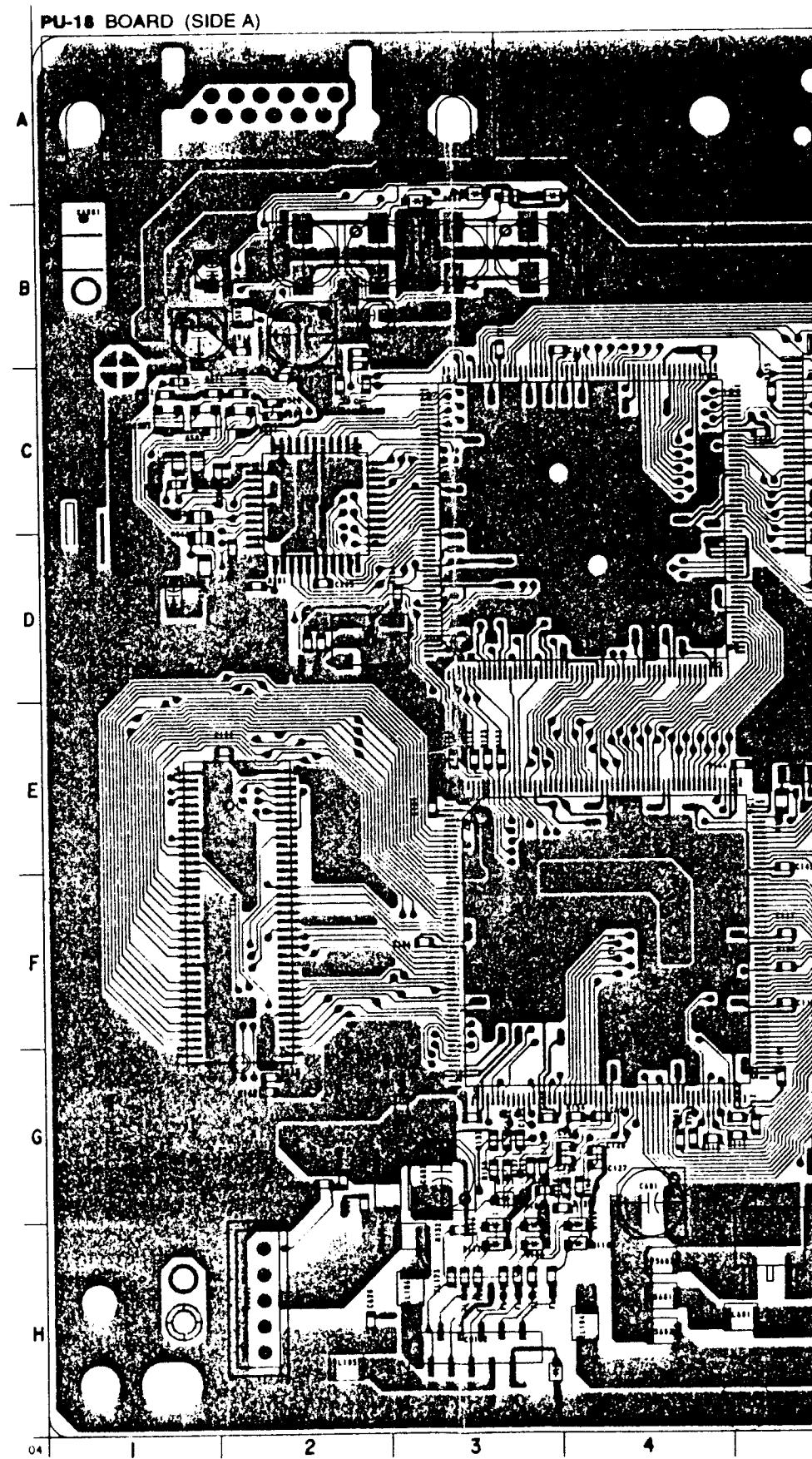




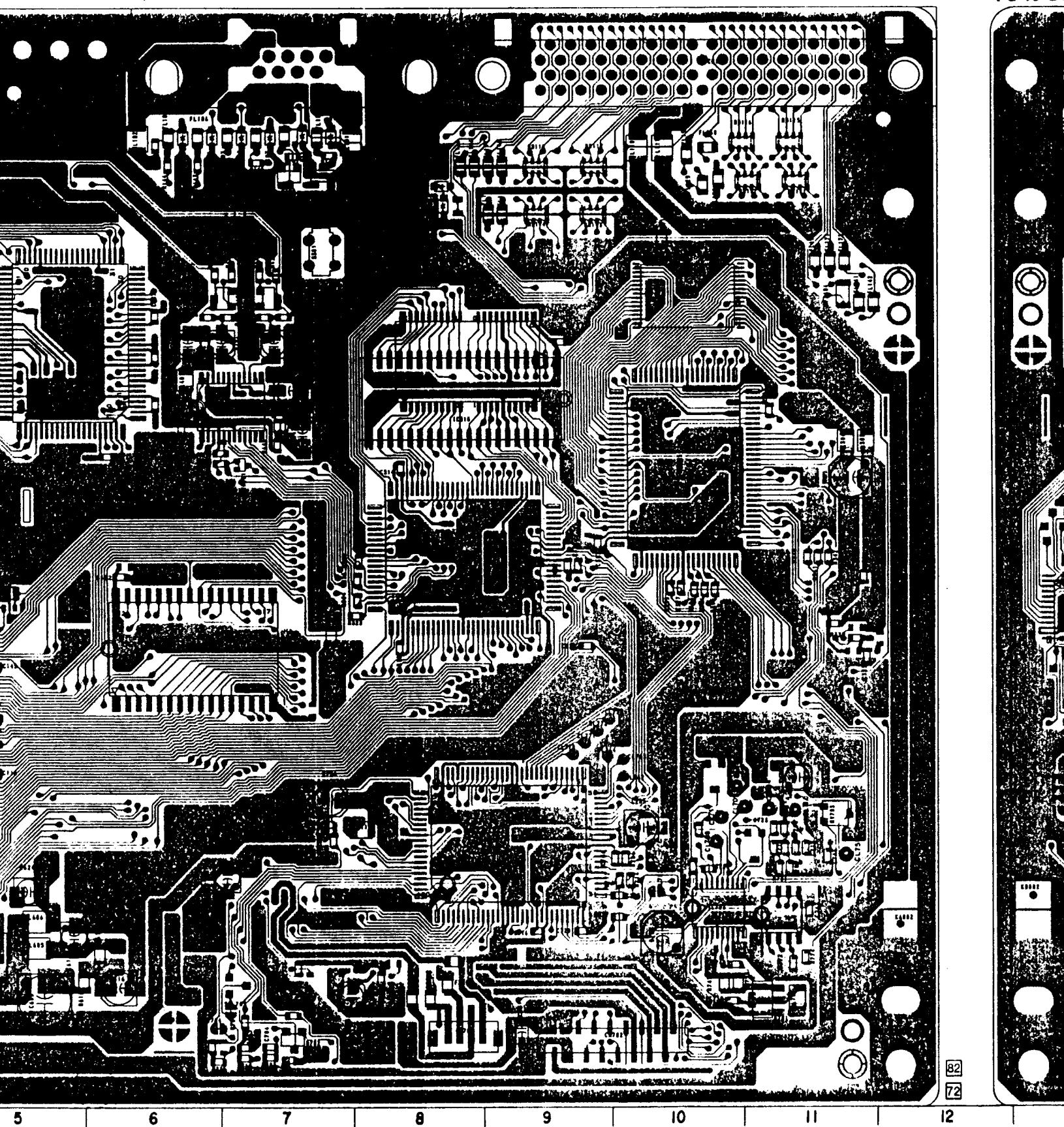
3-4. PRINTED WIRING BOARD (PU-18 (-72/-82) BOARD)

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

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		
408	B-21	Q101	B-18
409	B-20	Q102	B-7
501	B-22	Q103	B-7
502	B-21	Q104	B-18
503	B-3	Q401	D-18
504	B-3	Q402	D-17
505	B-3	Q403	C-7
506	B-3	Q404	C-6
507	B-21	Q501	C-2
509	B-23	Q502	C-1
510	B-23	Q503	C-1
511	B-22	Q505	B-22
D701	H-16	Q506	B-21
D702	H-16	Q609	H-18
D703	H-16	Q610	H-18
D704	H-16	Q611	H-18
		Q701	H-11
IC102	E-6	Q702	H-7



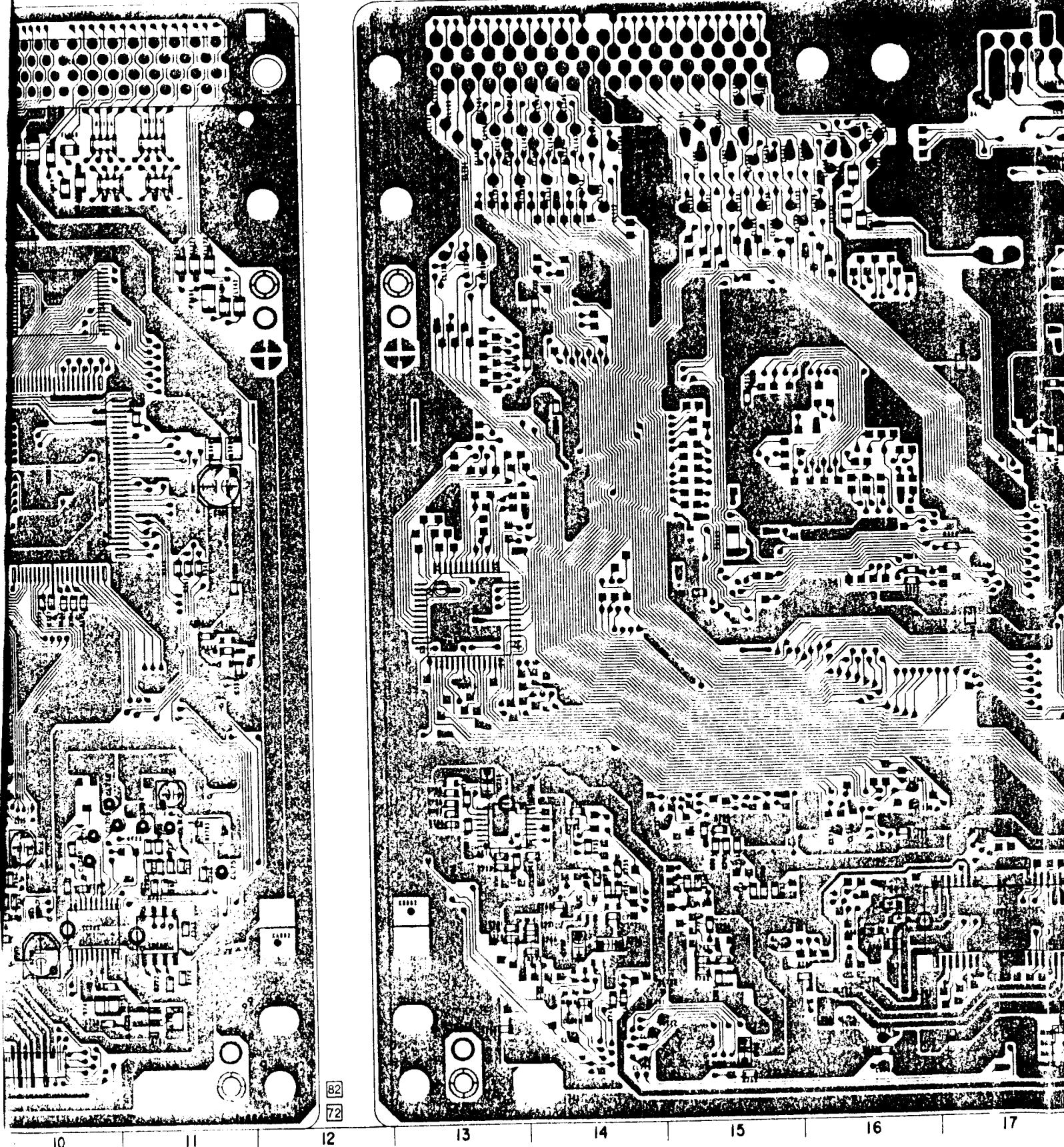
PU-18 BC



5 6 7 8 9 10 11 12

82
72

PU-18 BOARD (SIDE B)



10

11

12

82
72

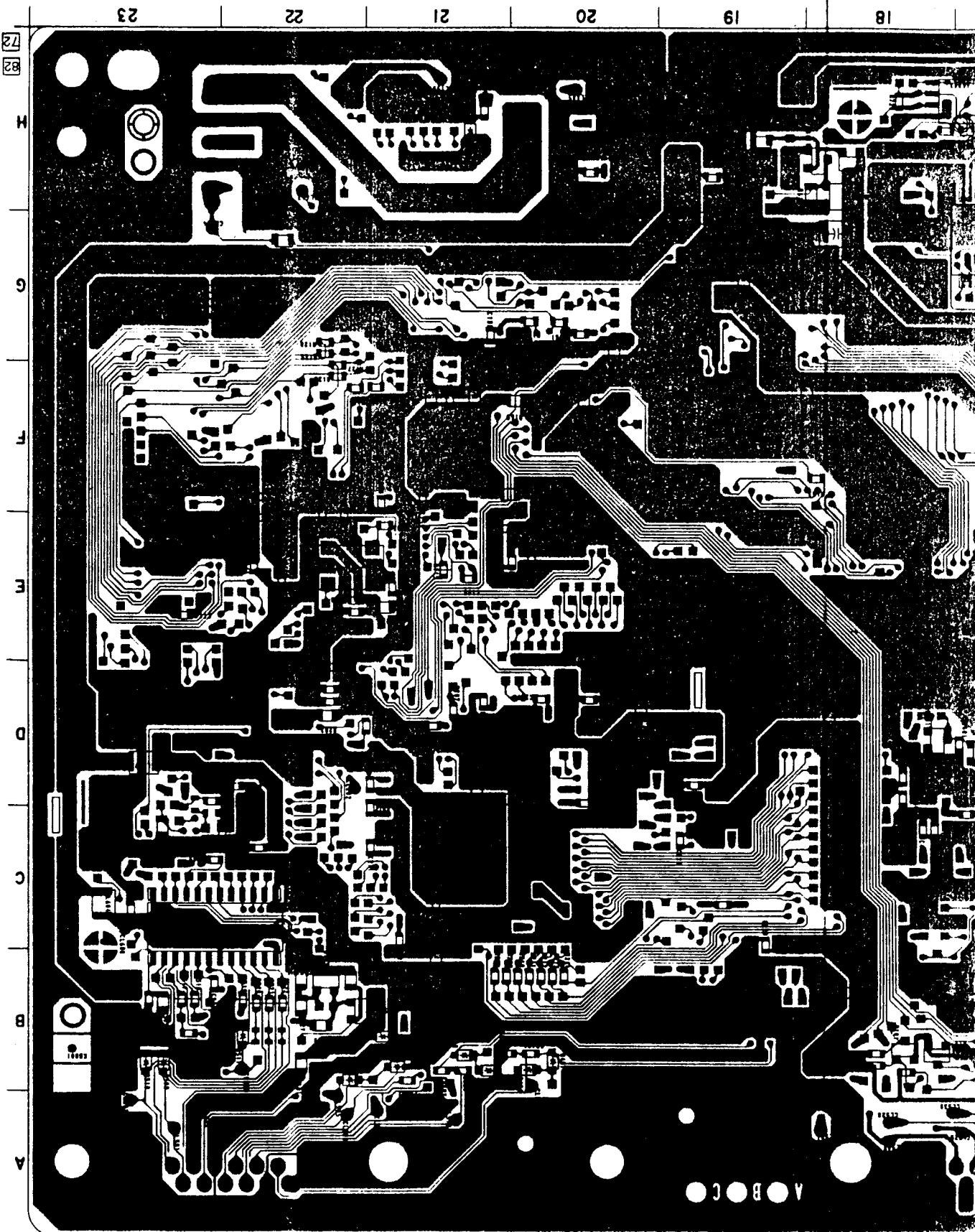
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14

15

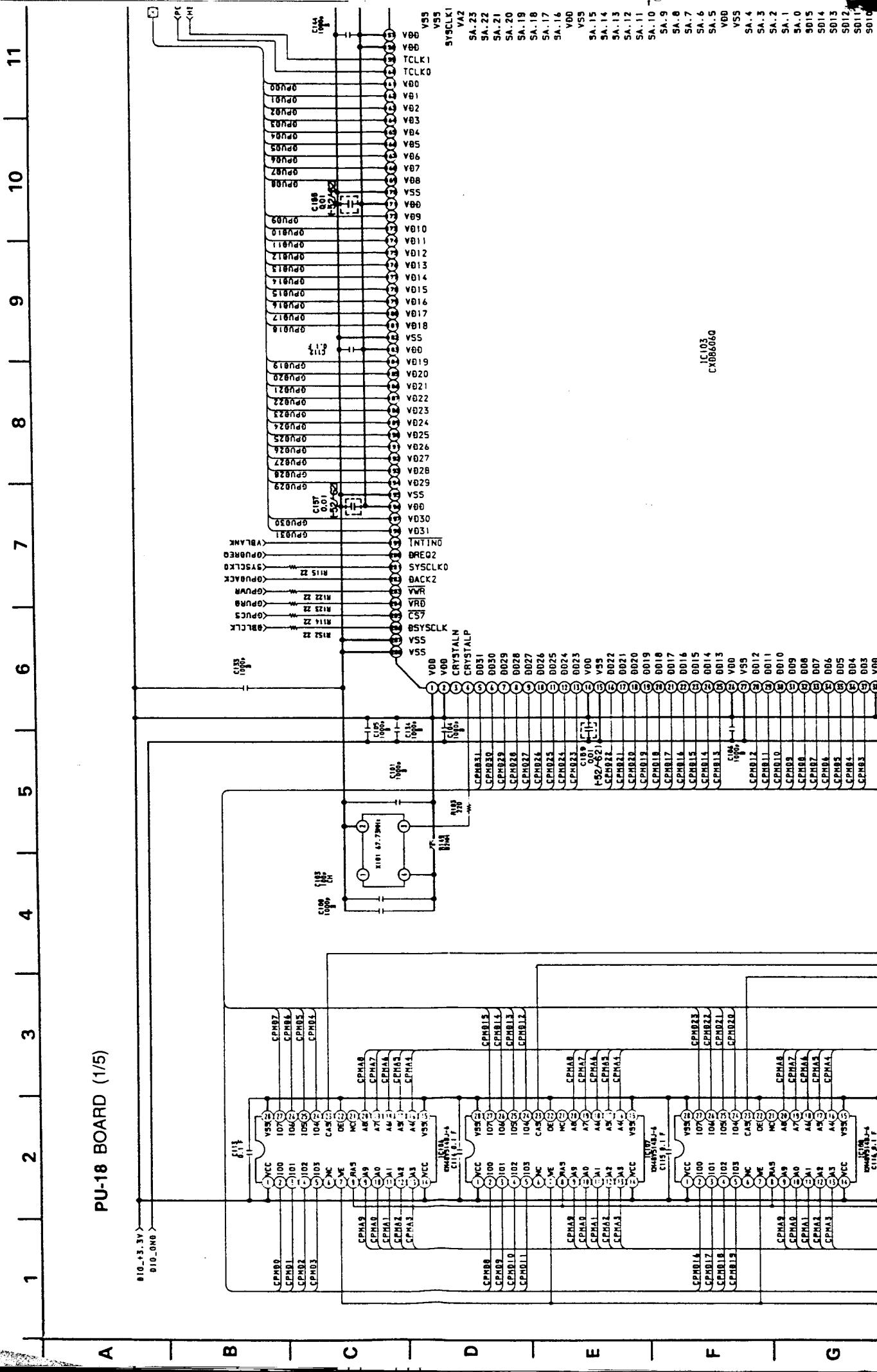
16

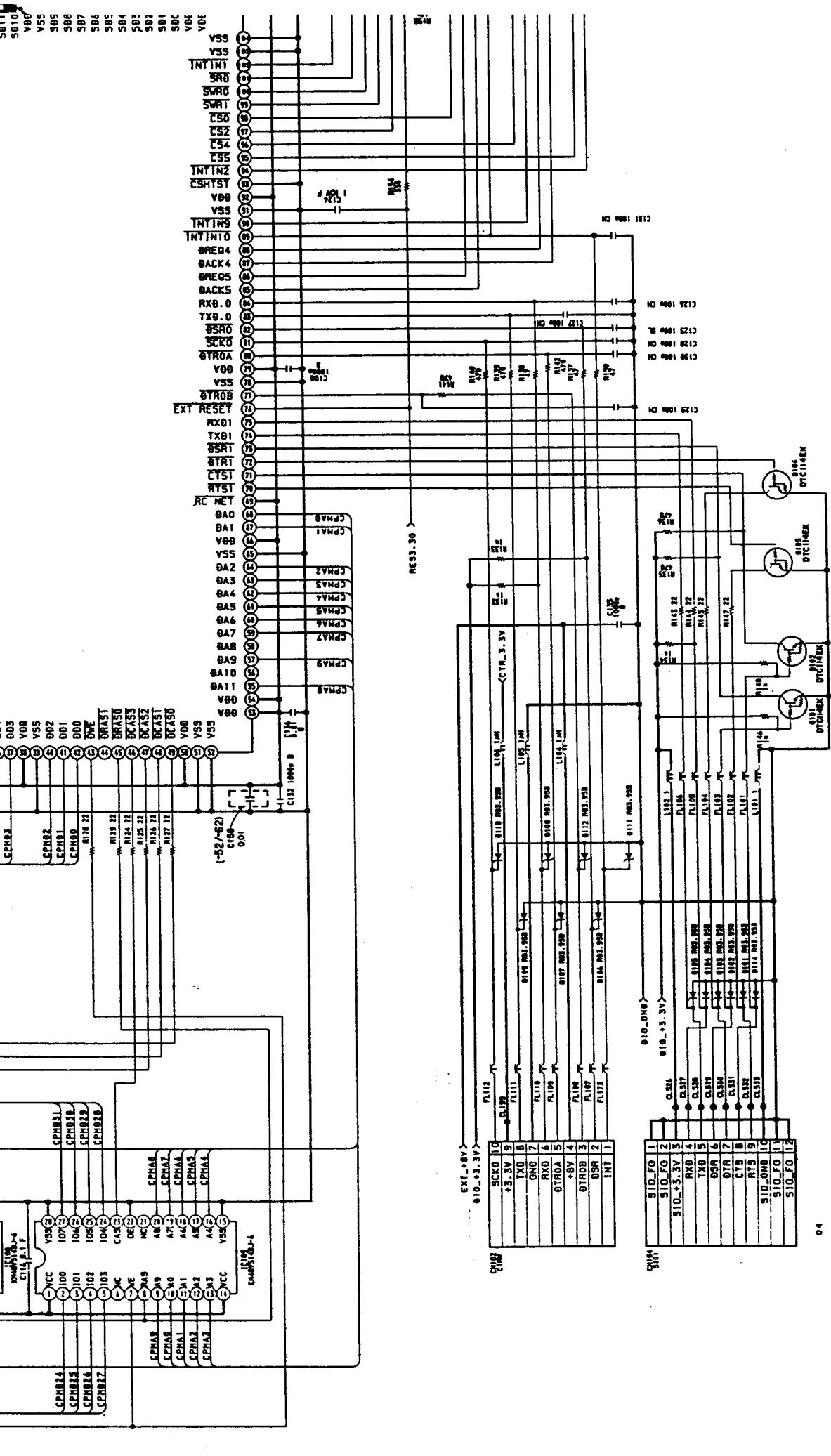
17

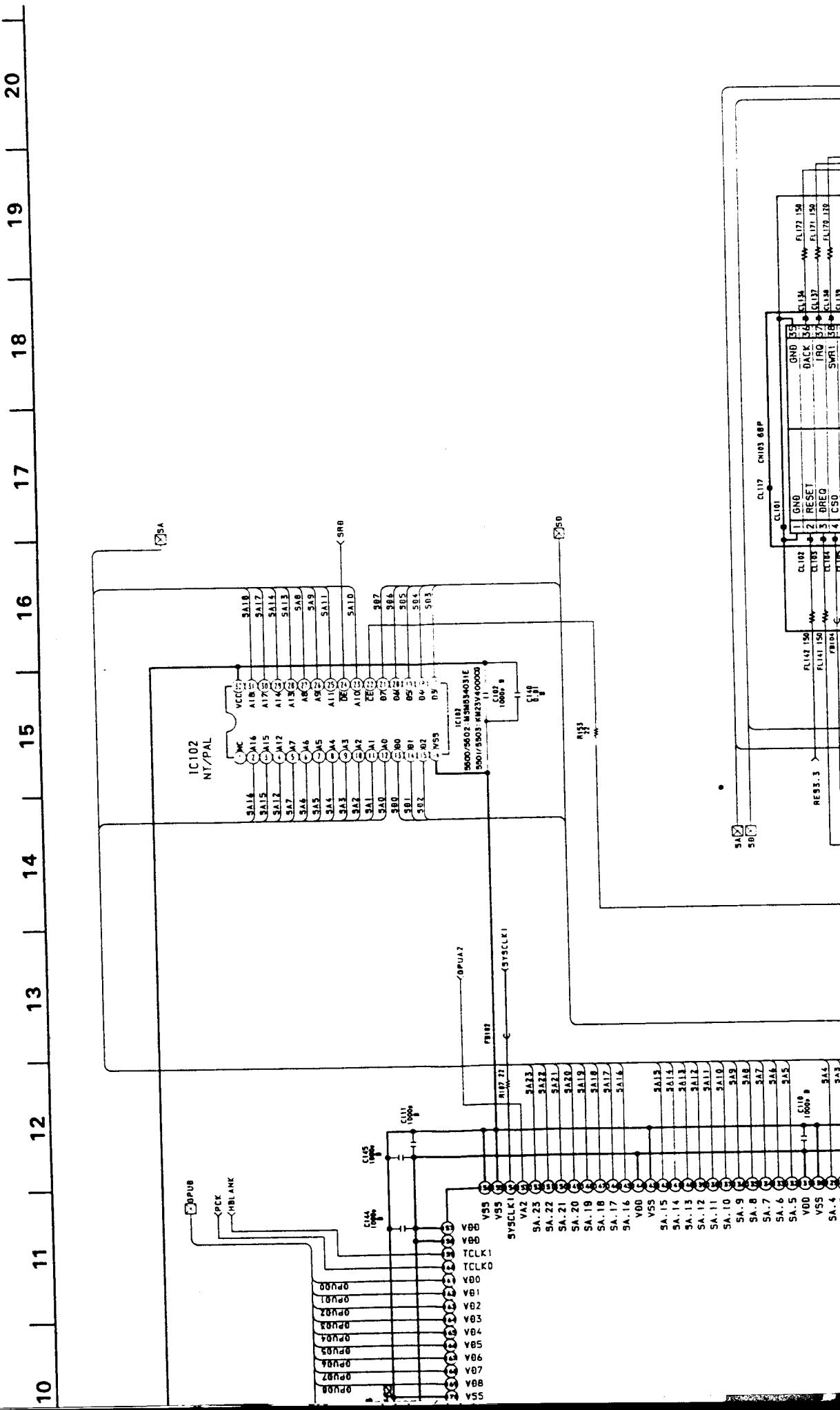


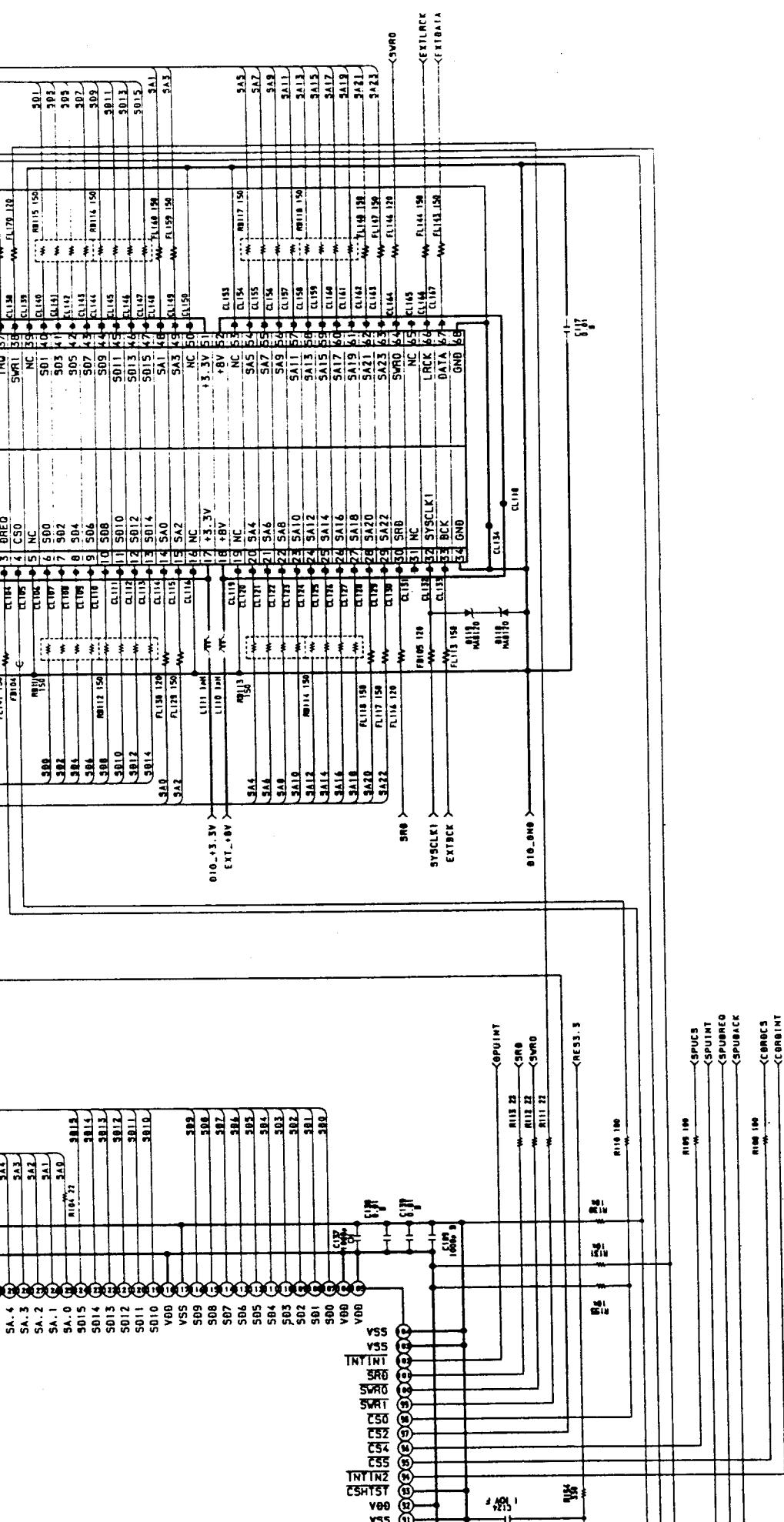
3-5. SCHEMATIC DIAGRAM (PU-18 (-11/-21 • -52/-62) BOARD (1/5))

PU-18 BOARD (1/5)

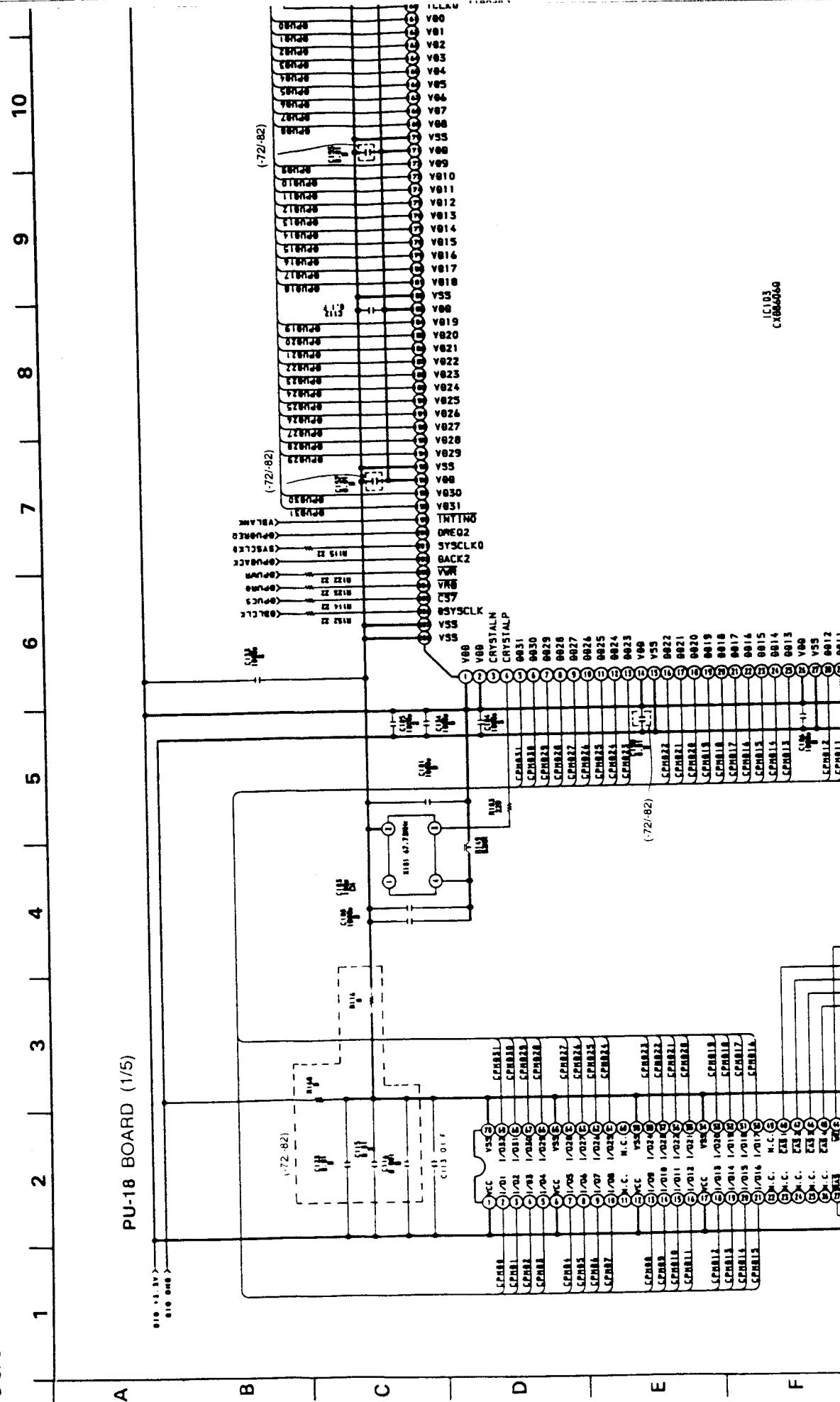


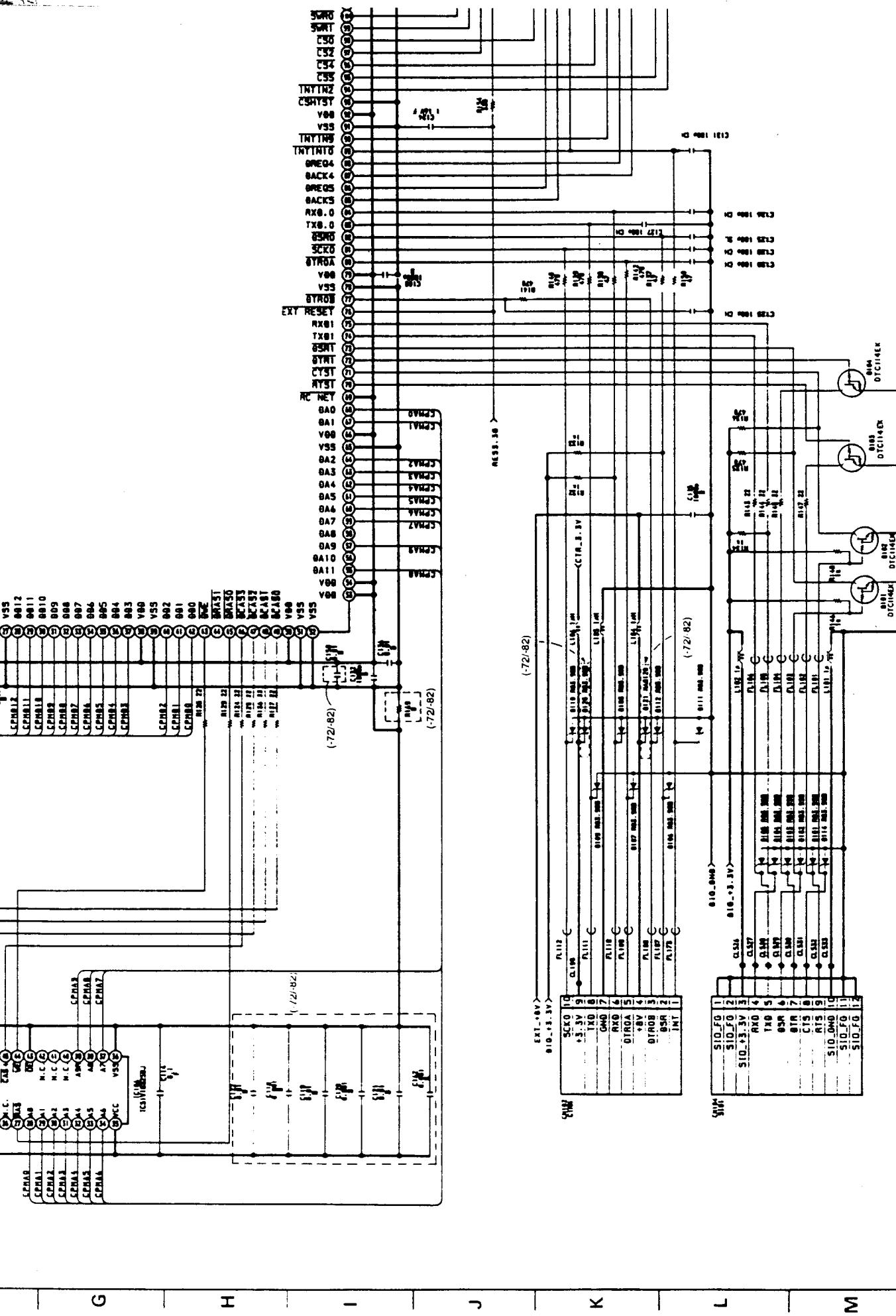


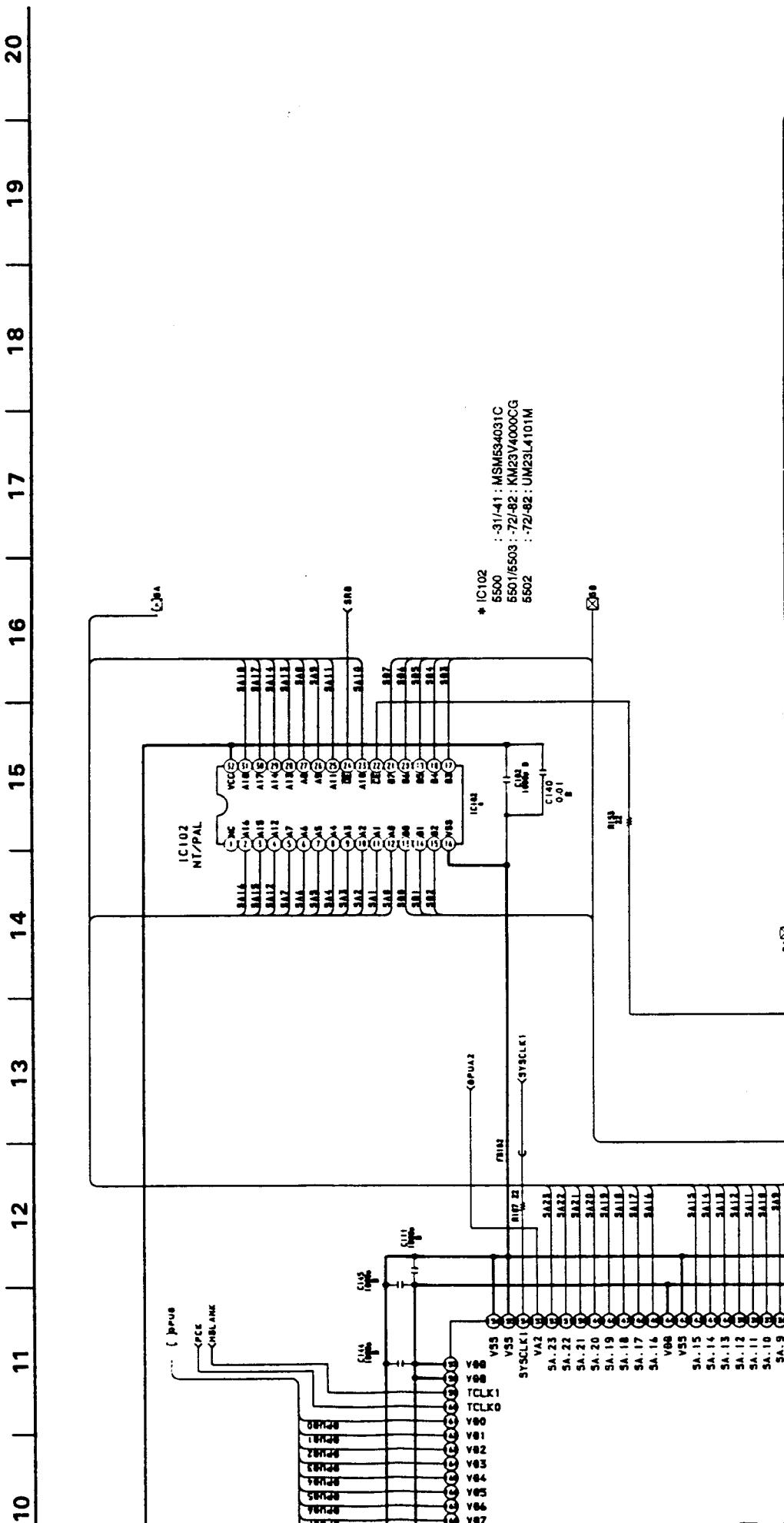


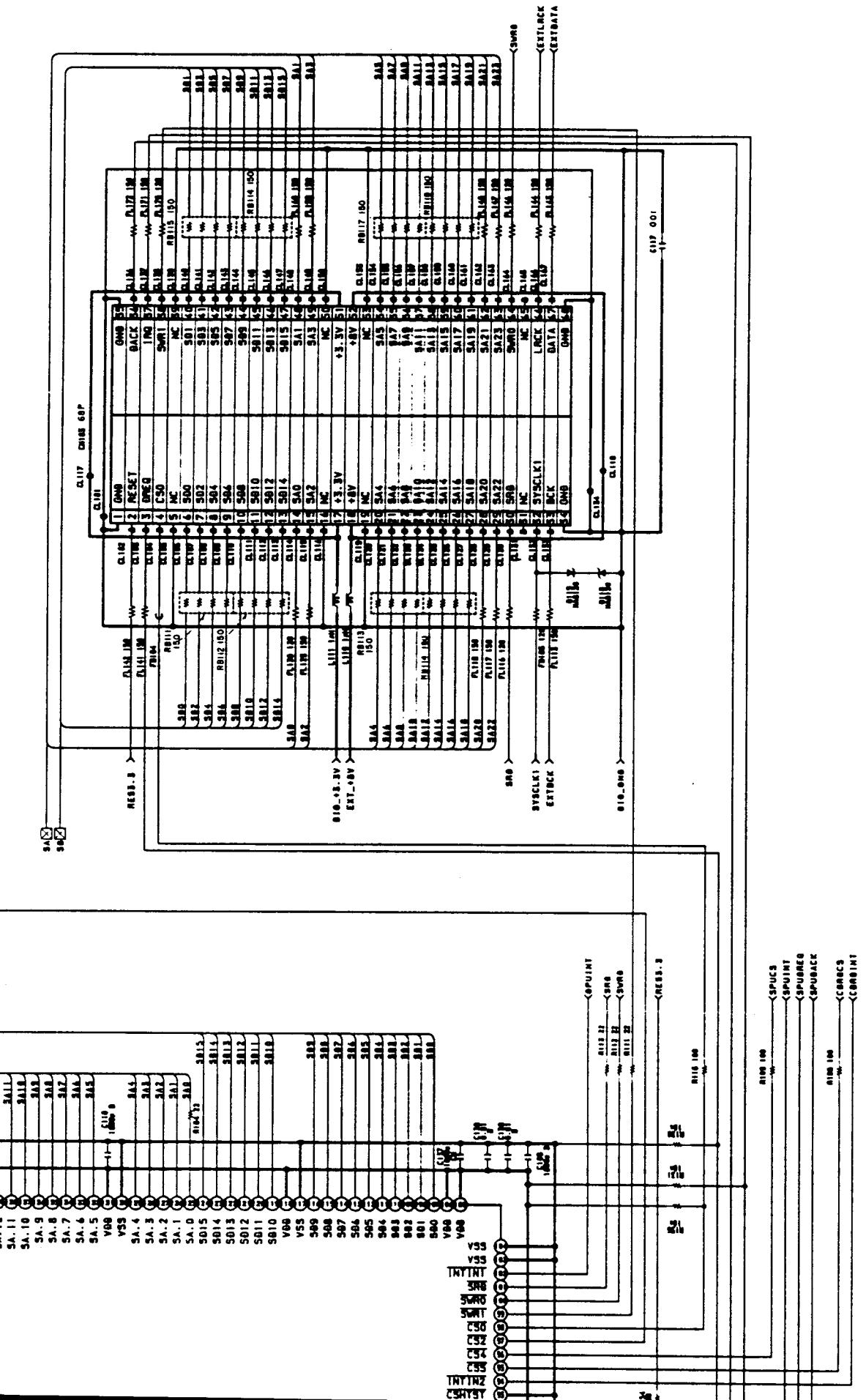


3-6. SCHEMATIC DIAGRAM (PU-18 (-31/-41 • -72/-82) BOARD (1/5))

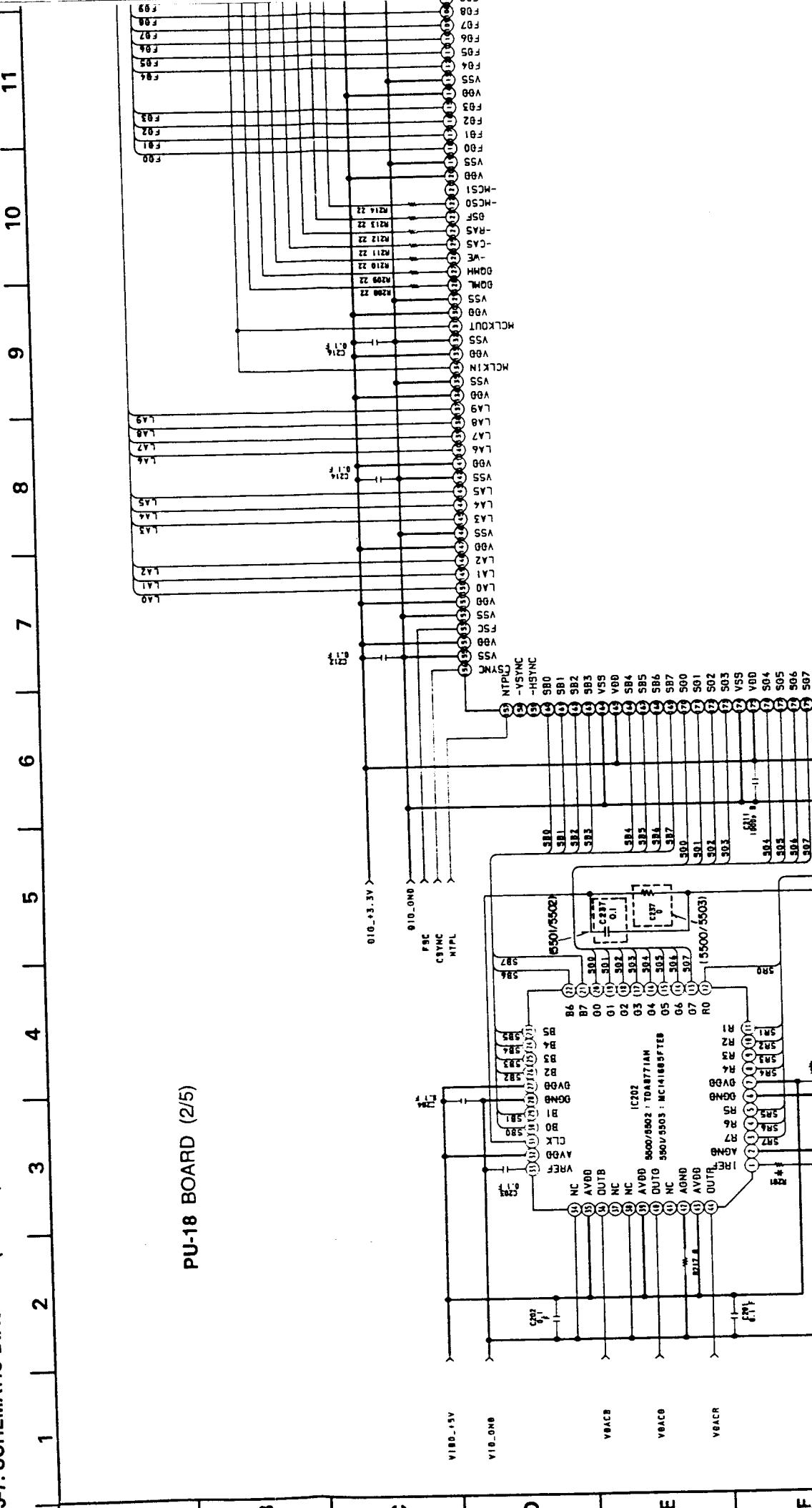


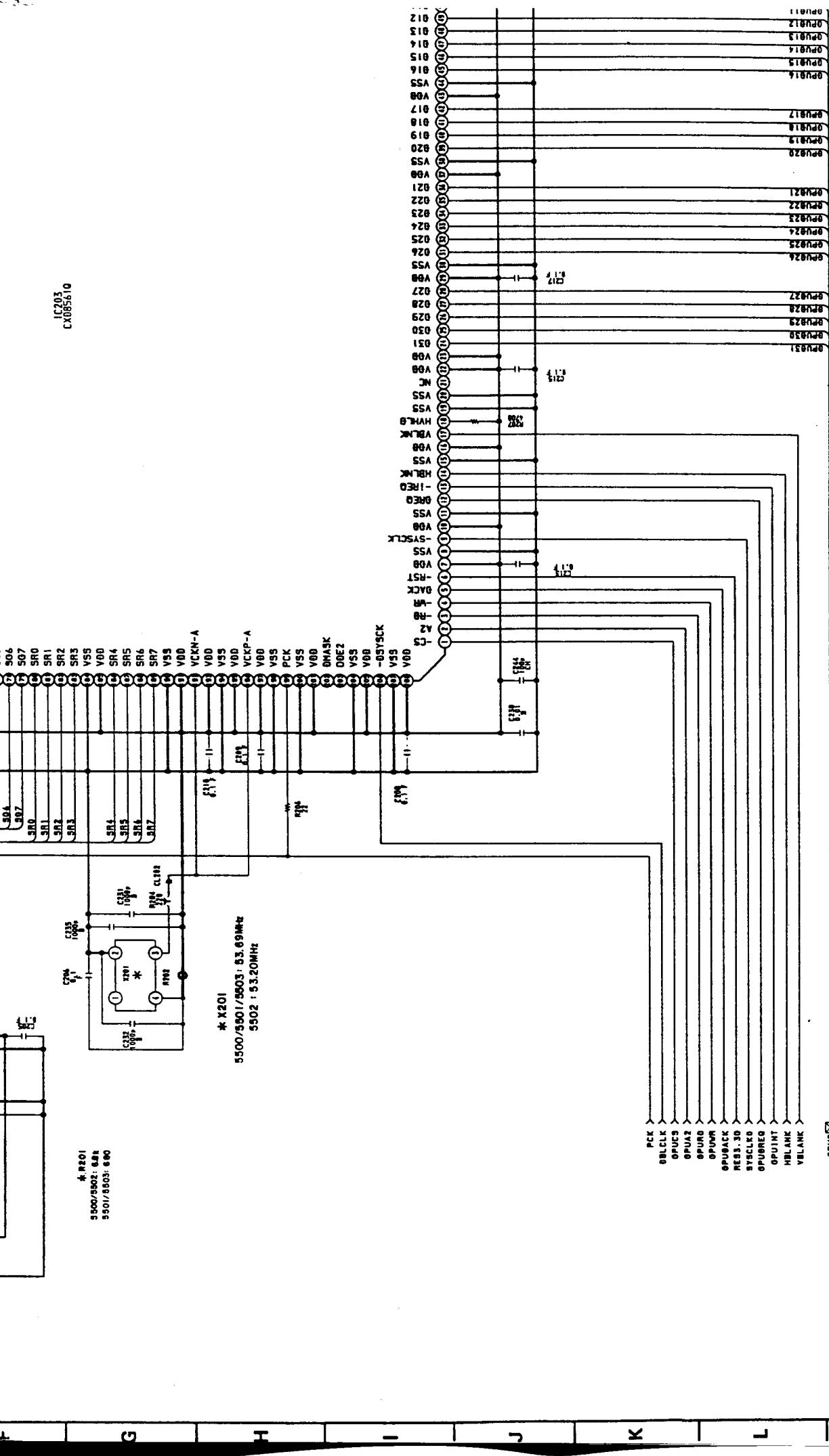




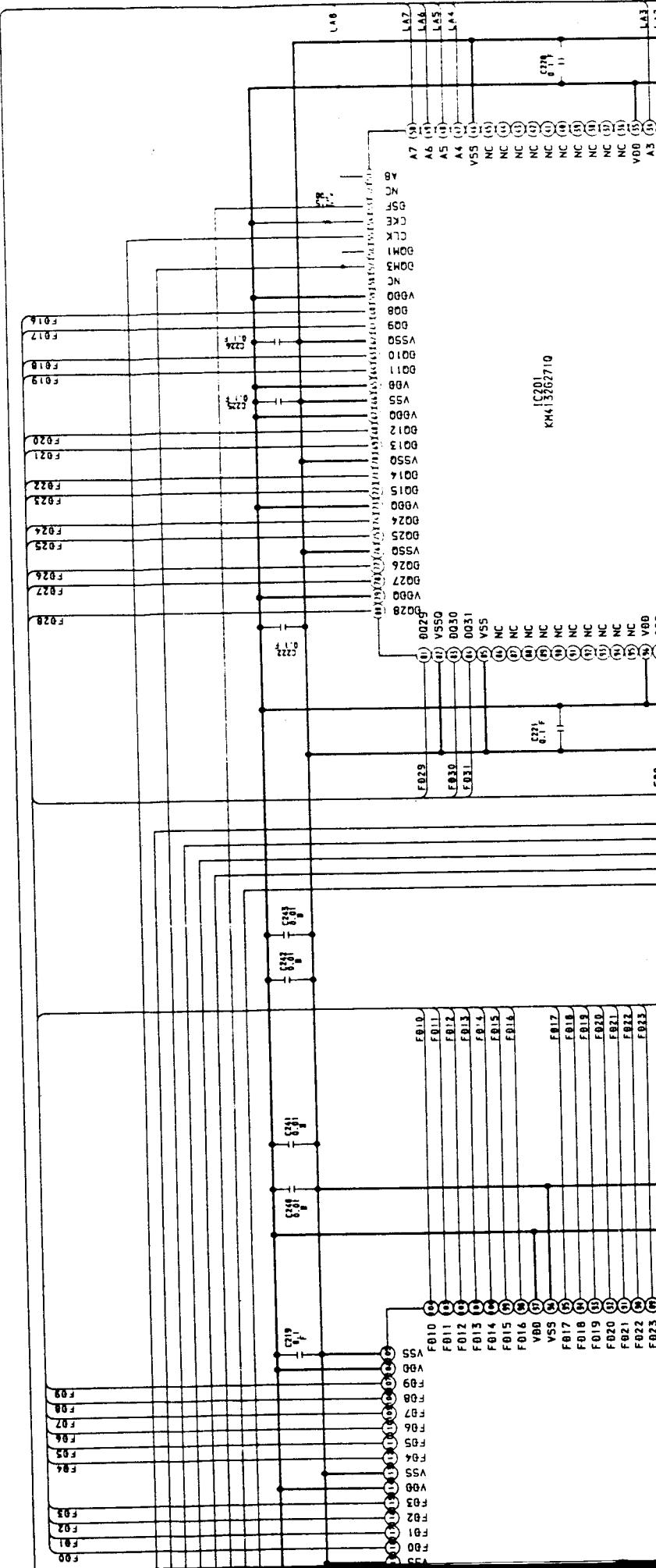


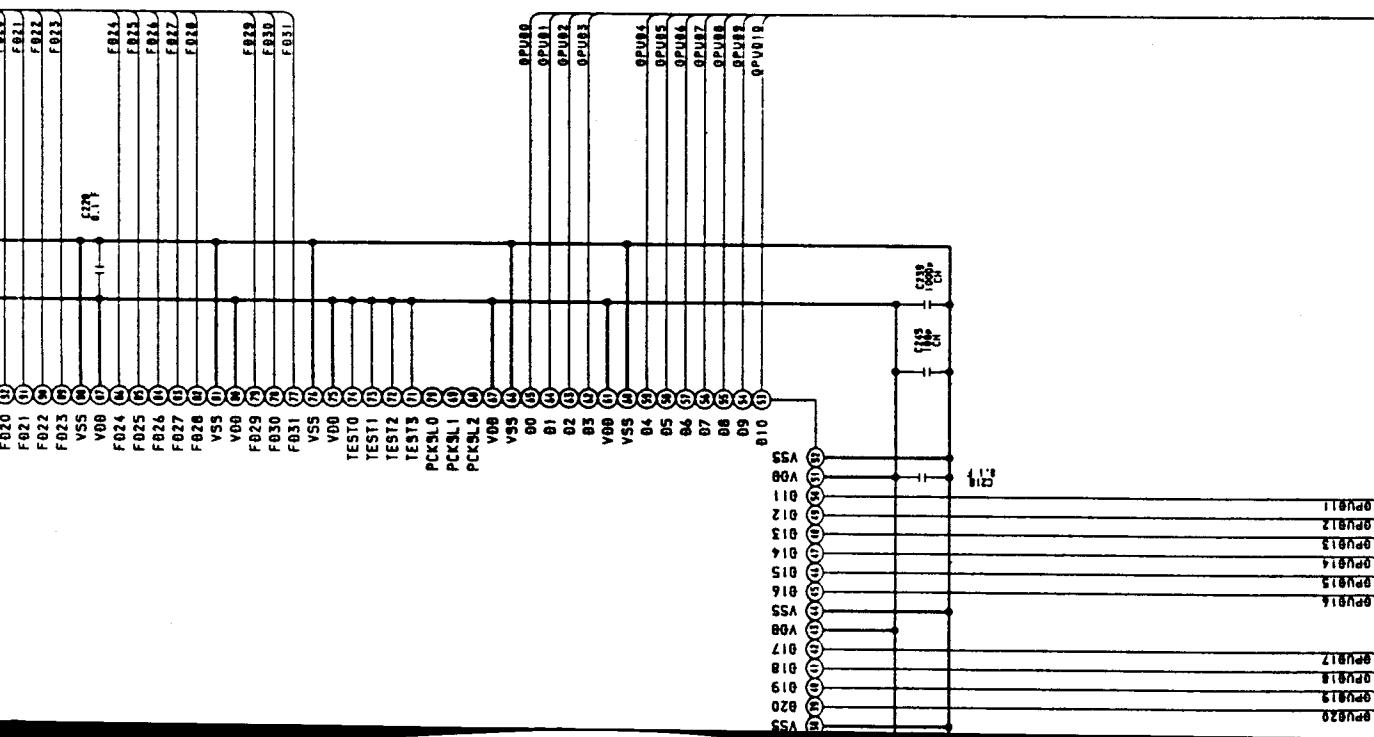
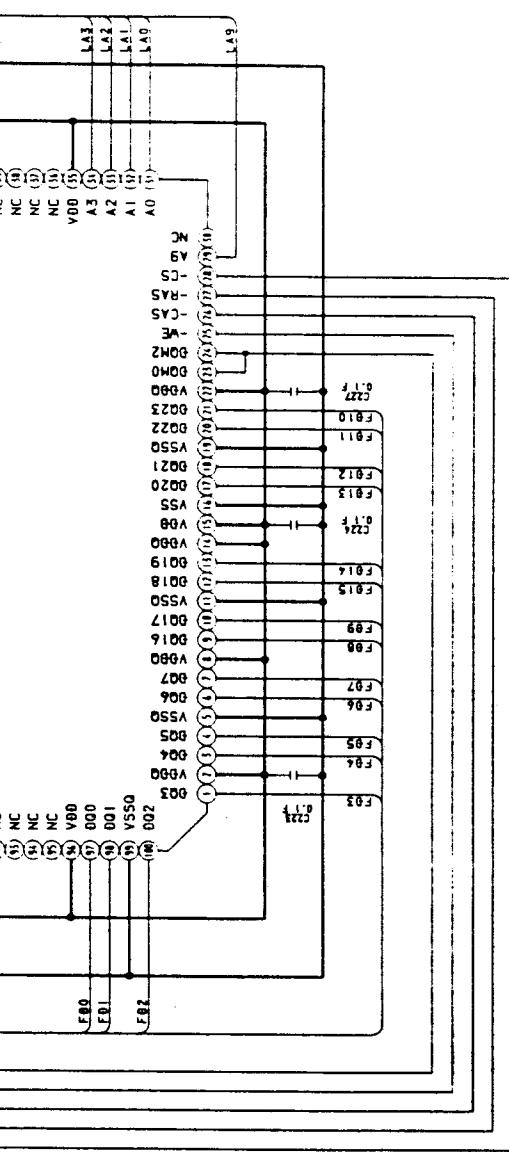
3-7. SCHEMATIC DIAGRAM (PU-18 (-11/-21 • -31/-41 • -52/-62 • -72/-82) BOARD (2/5))



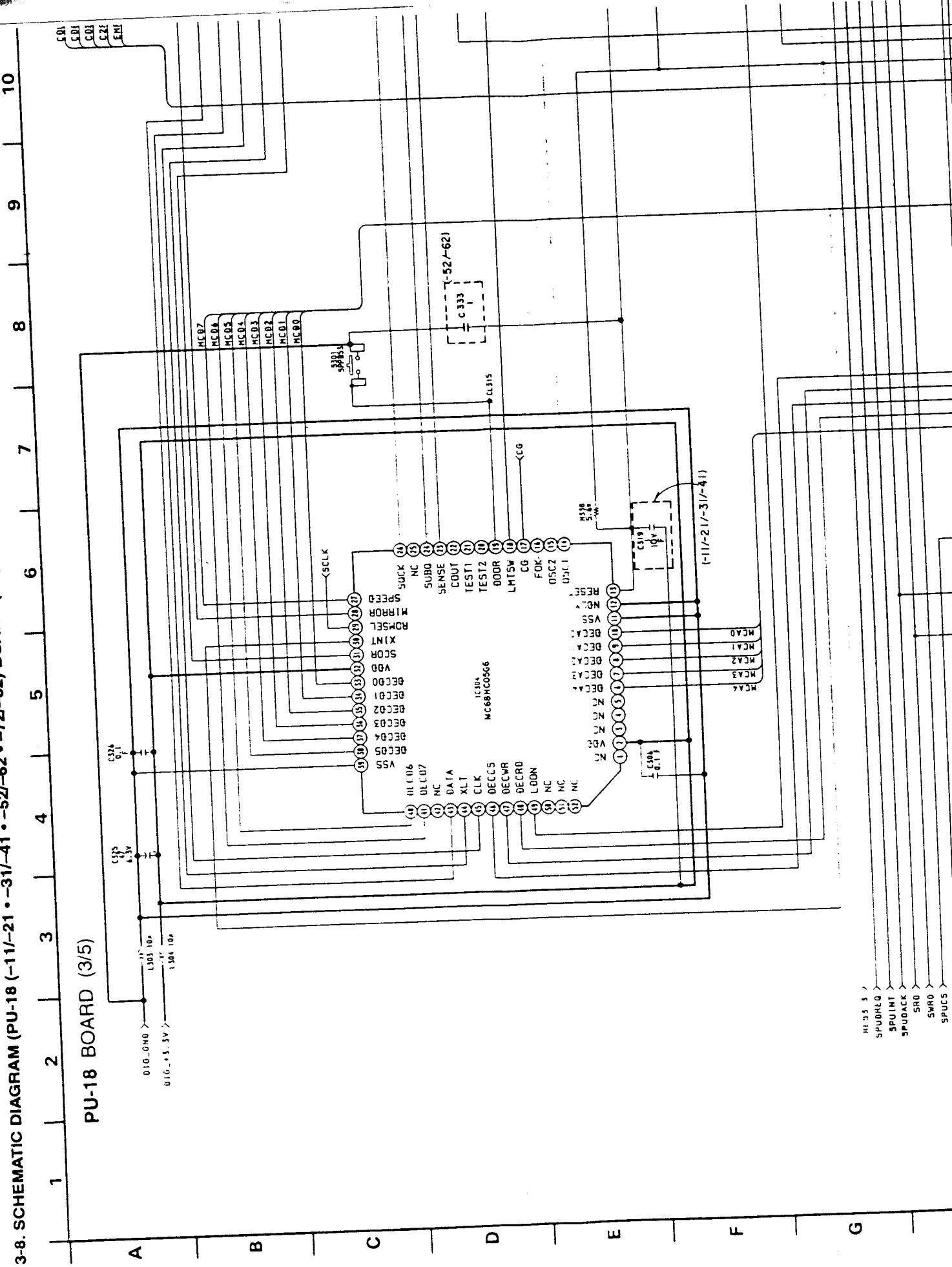


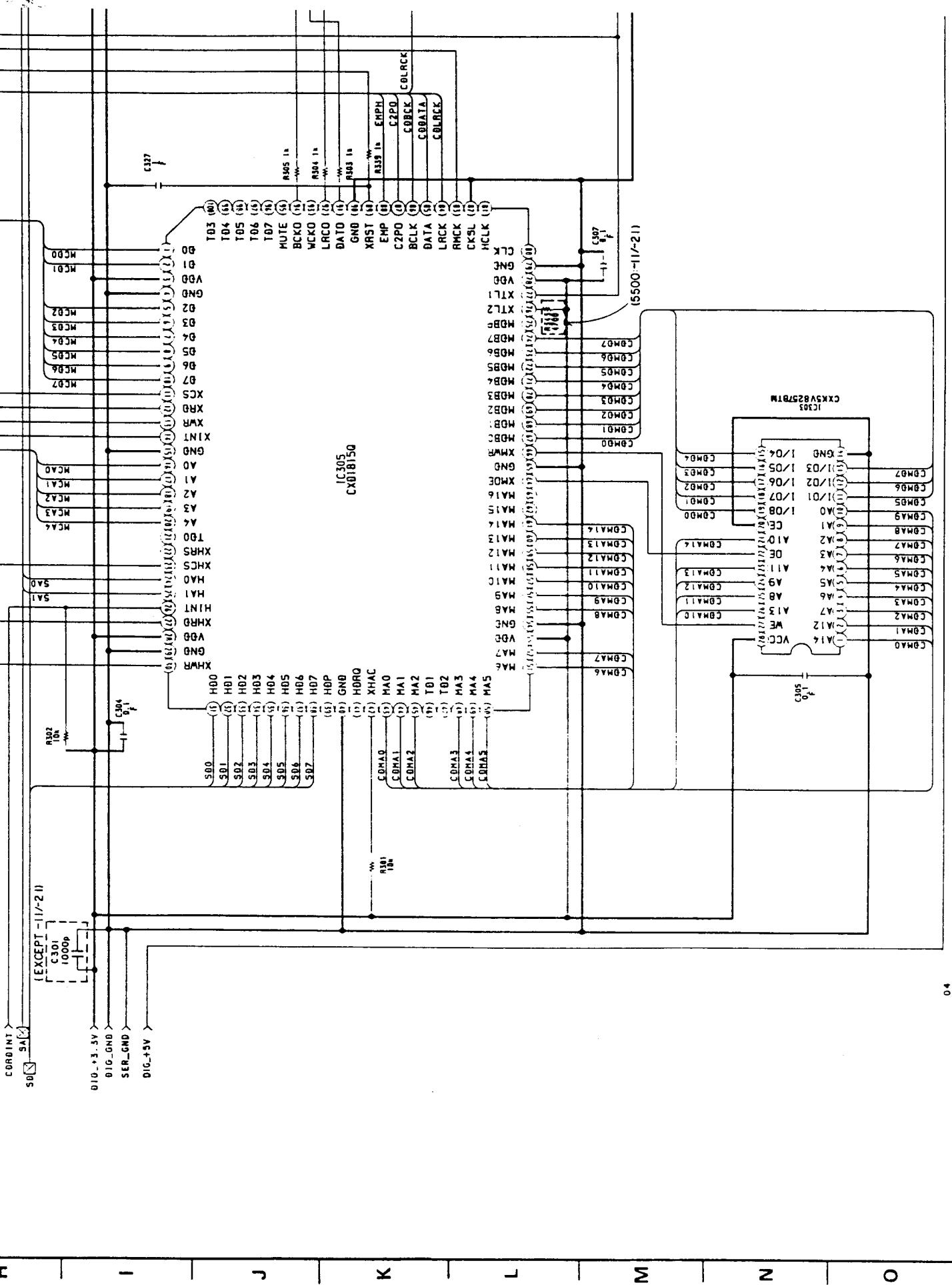
11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21





-721- 521 -722(-82) BOARD (3/5)





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

CLOCK
C DATA
CLOCK
C2P0
EMPH

<SPED0
R310 22
R311 22
R322 22
<SCOR
<MR5#

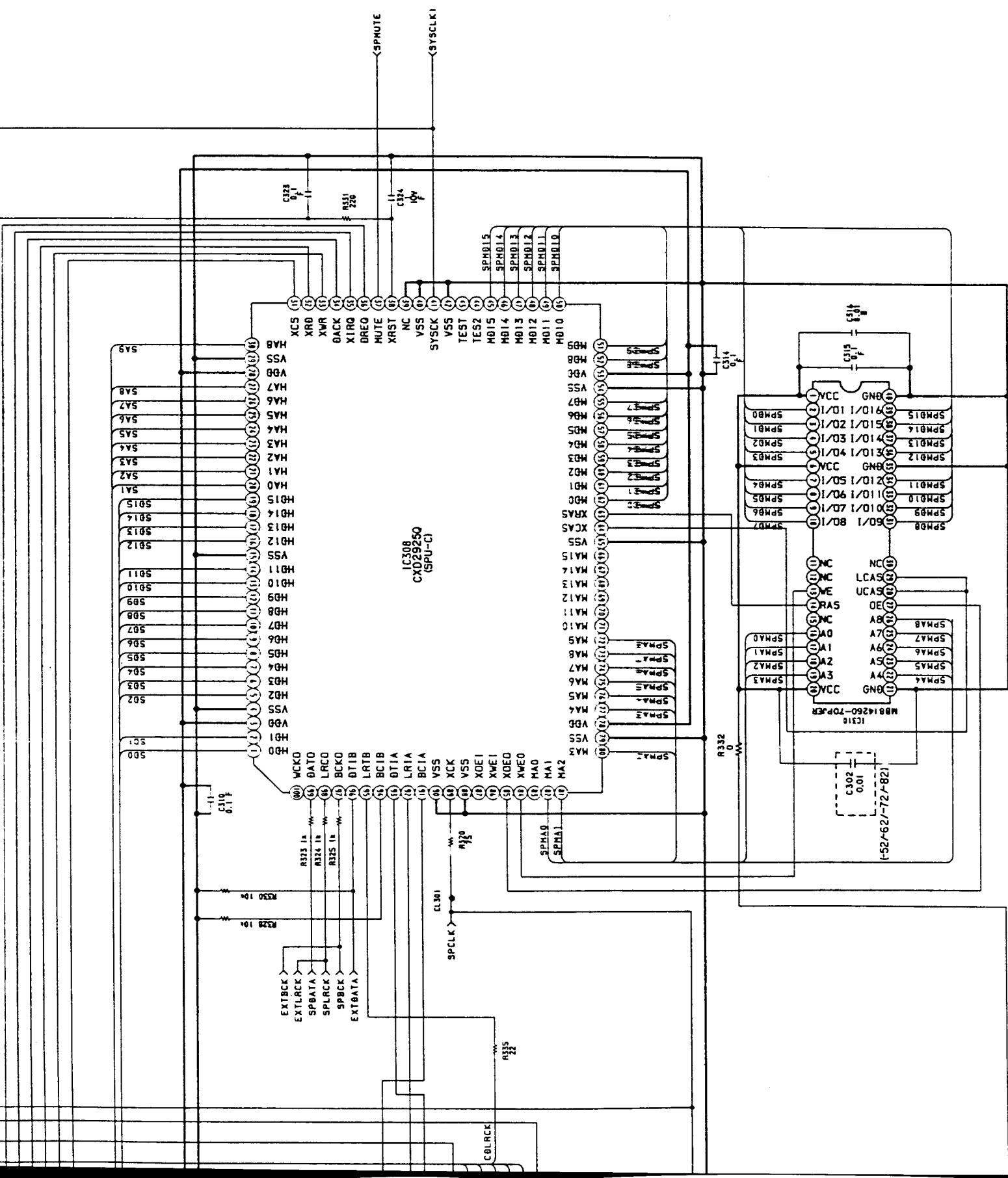
<SOCK
<SUB0
<SENS
<SYSCLK

<MC1X

<RAST

<RES3.3

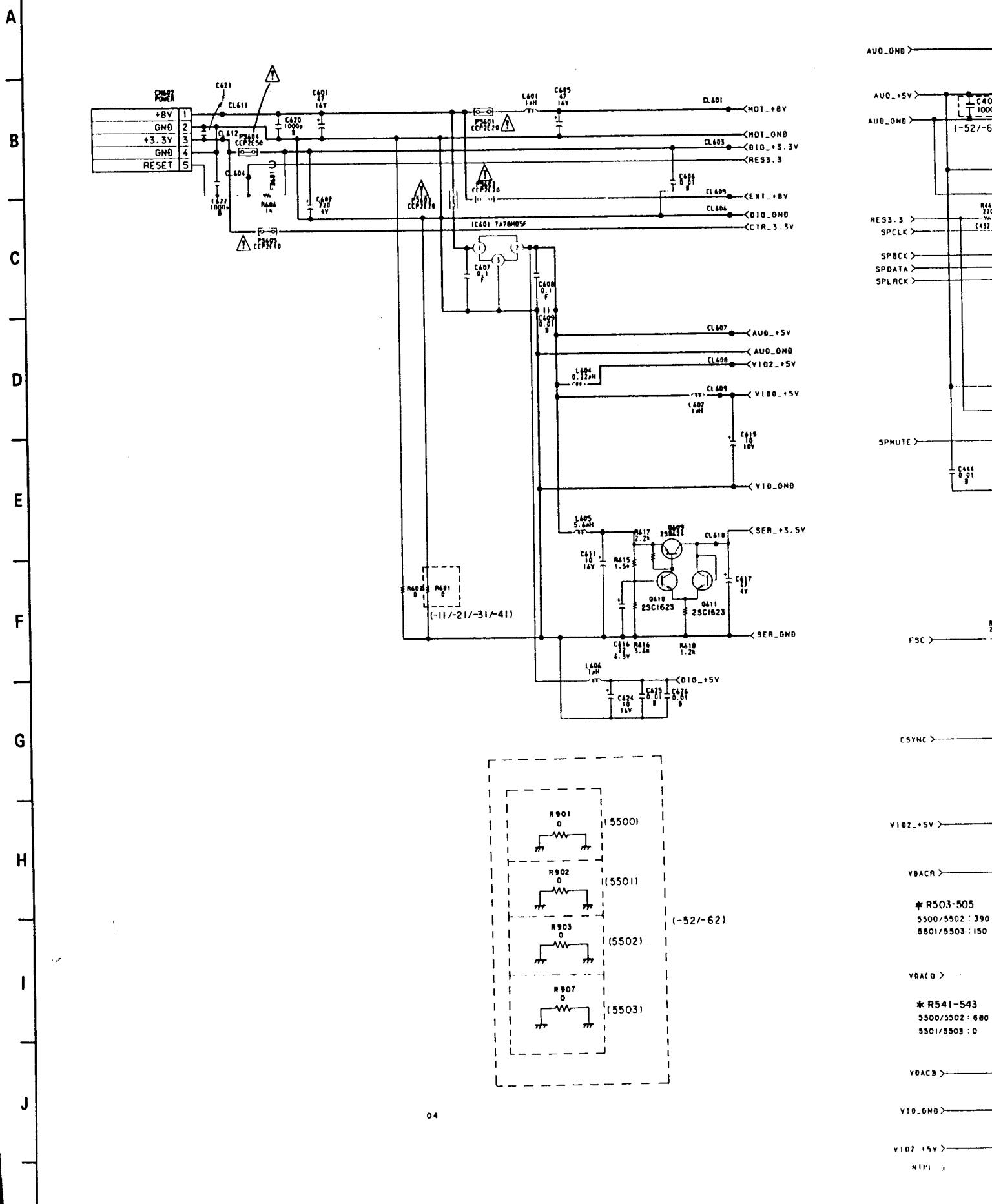
<LDN



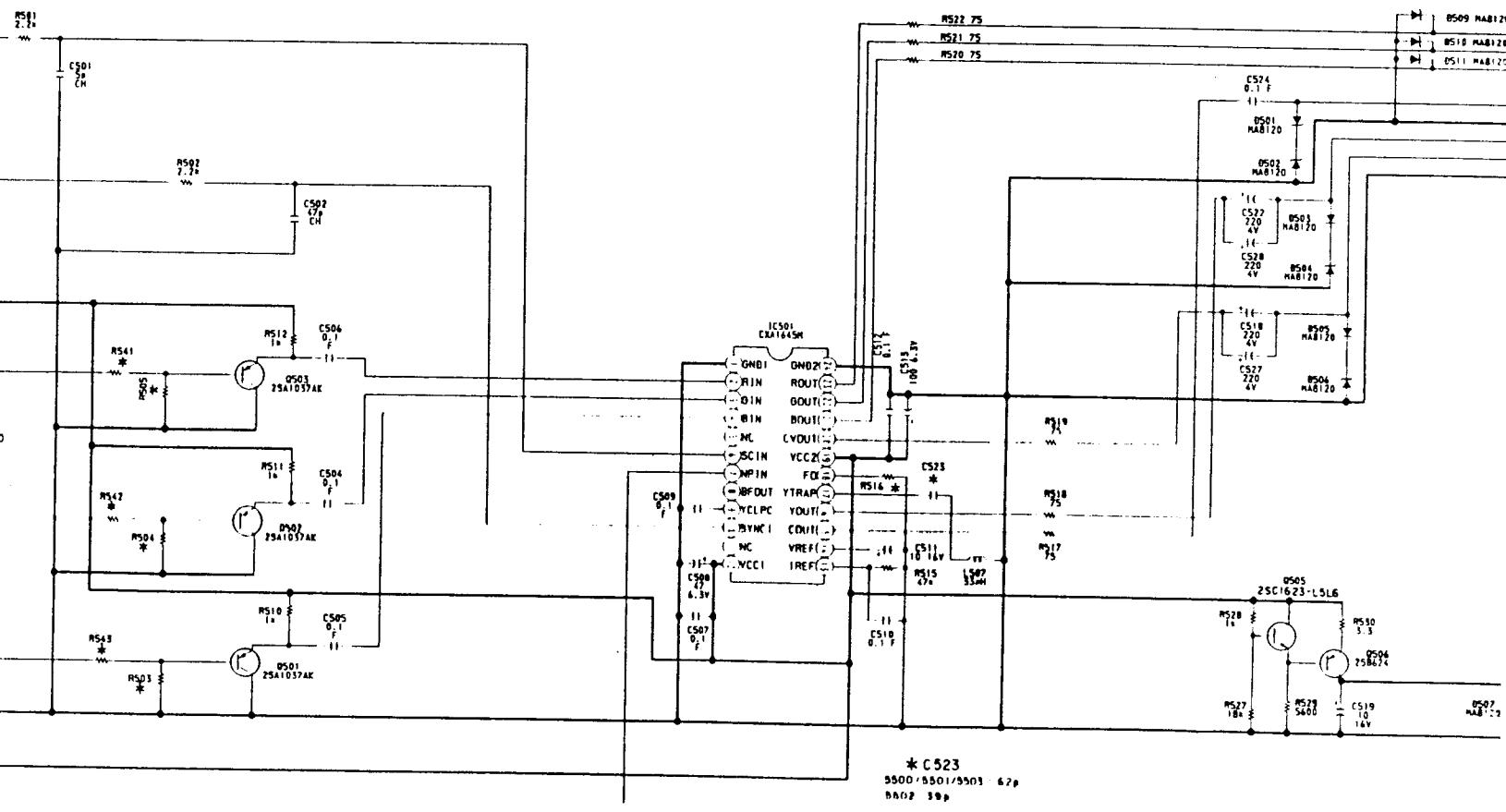
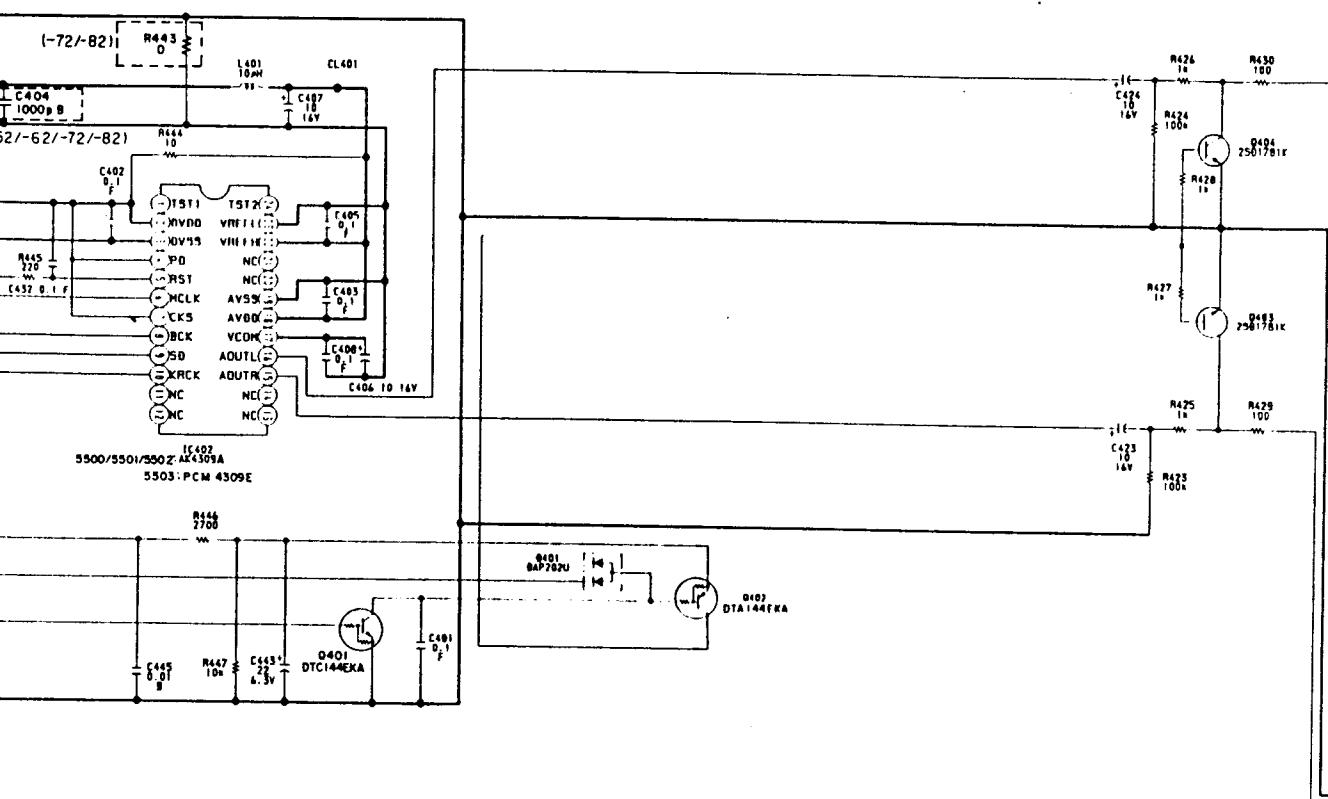
3-9. SCHEMATIC DIAGRAM (PU-18 (-11/-21 • -31/-41 • -52/-62 • -72/-82) BOARD (4/5))

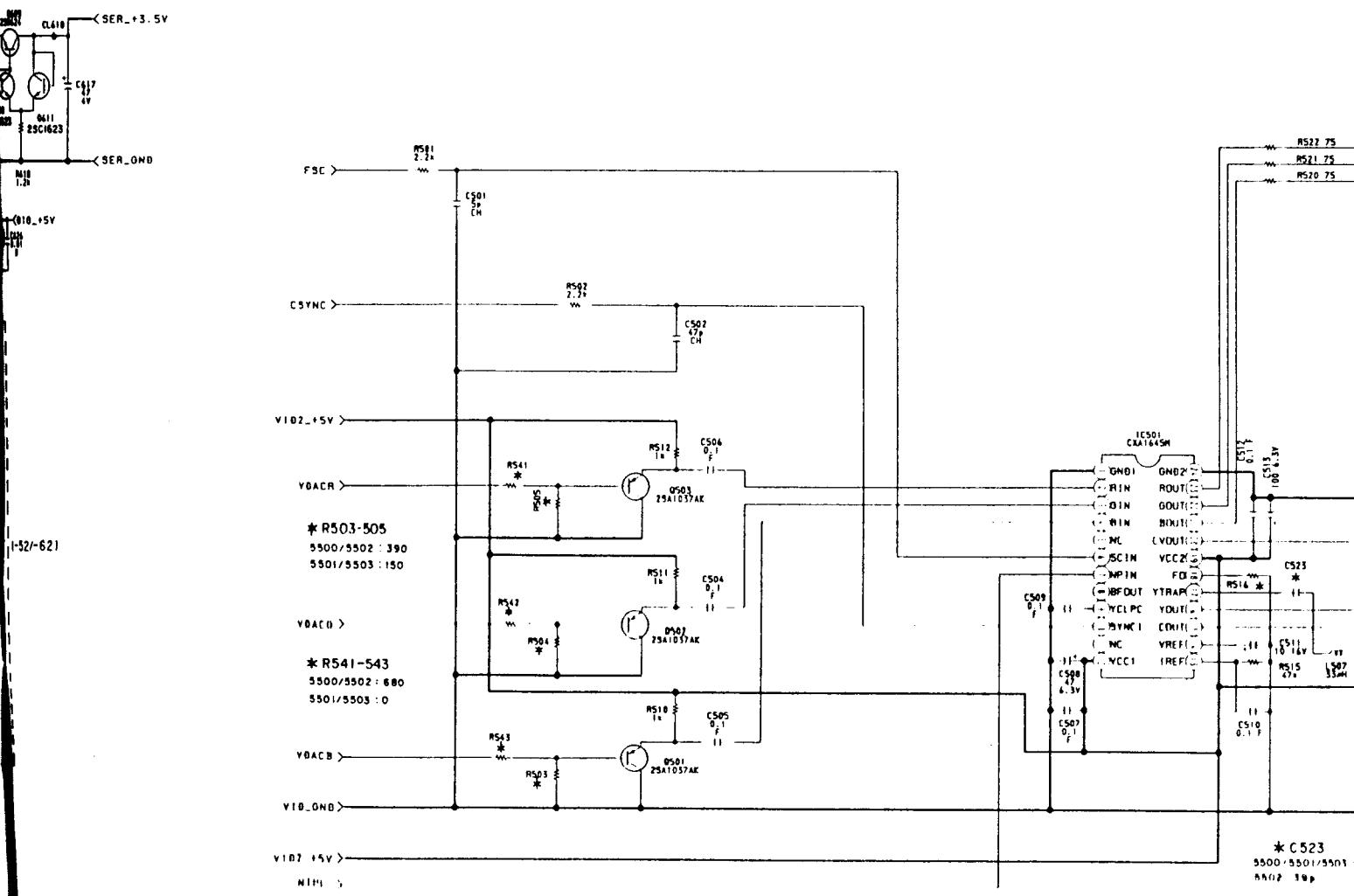
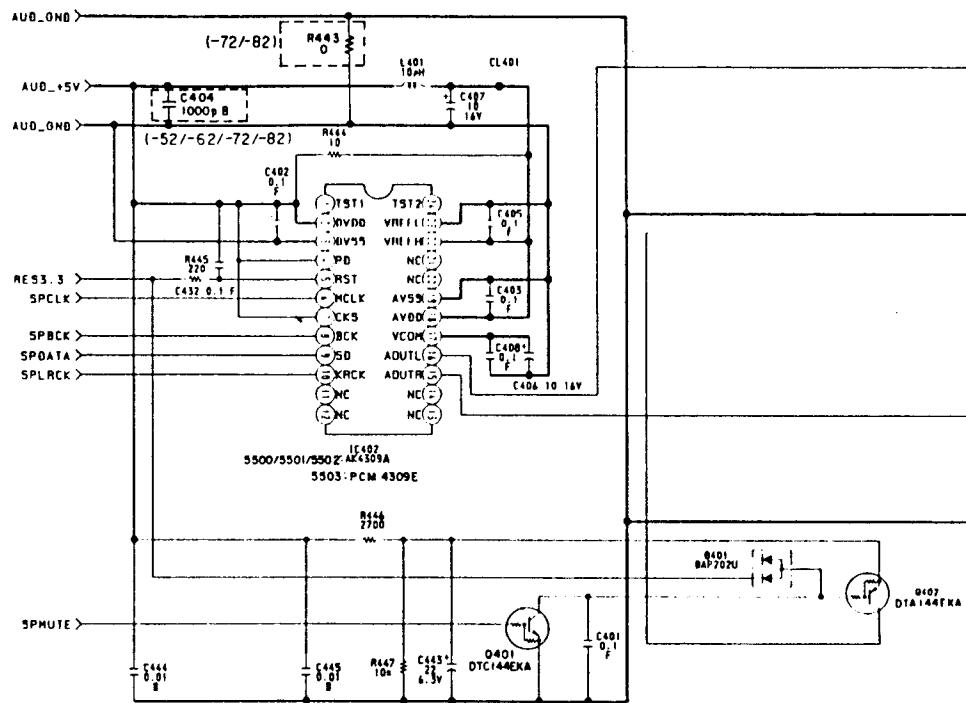
1 2 3 4 5 6 7 8

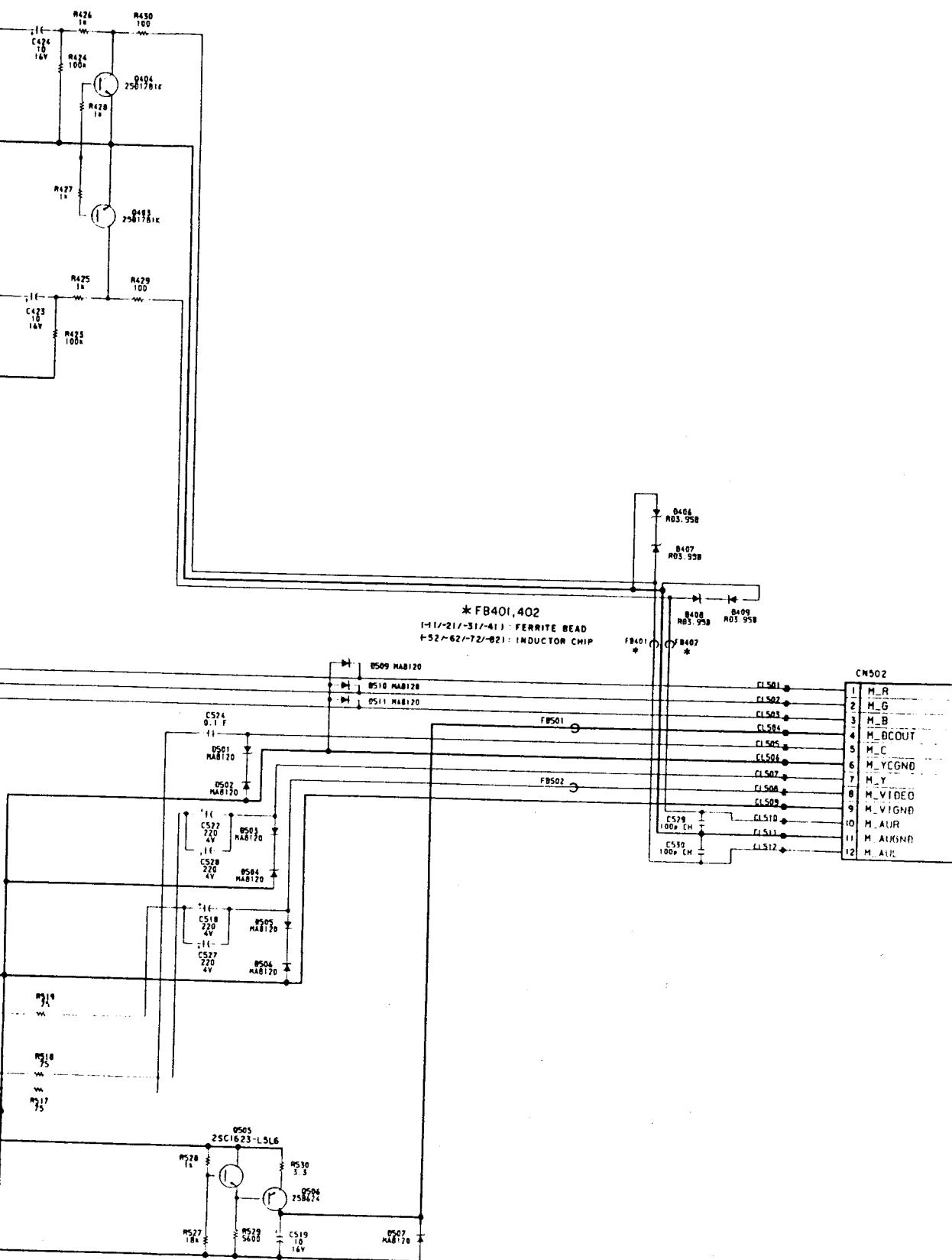
PU-18 BOARD (4/5)



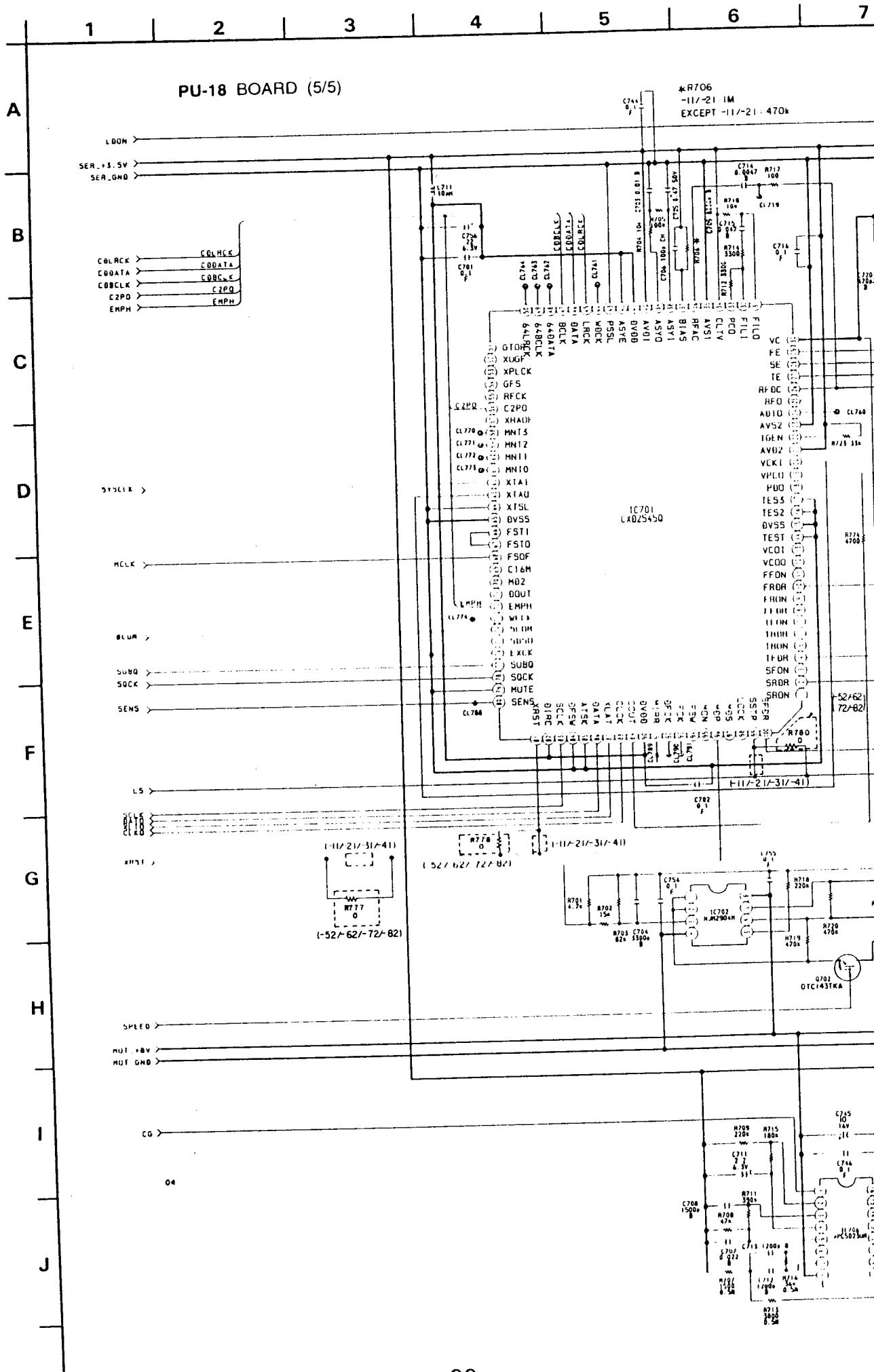
9 | 10 | 11 | 12 | 13 | 14 | 15 | 16

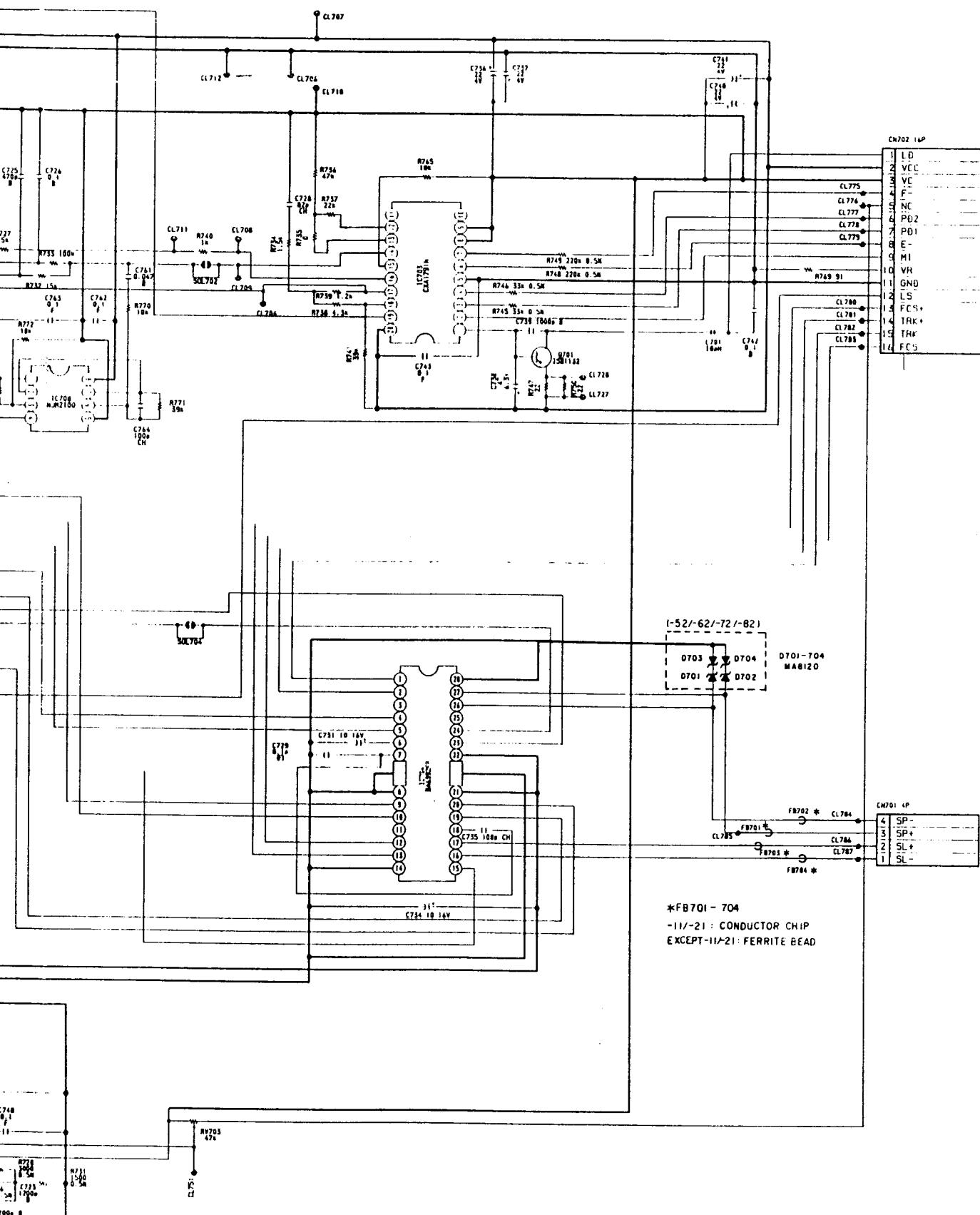






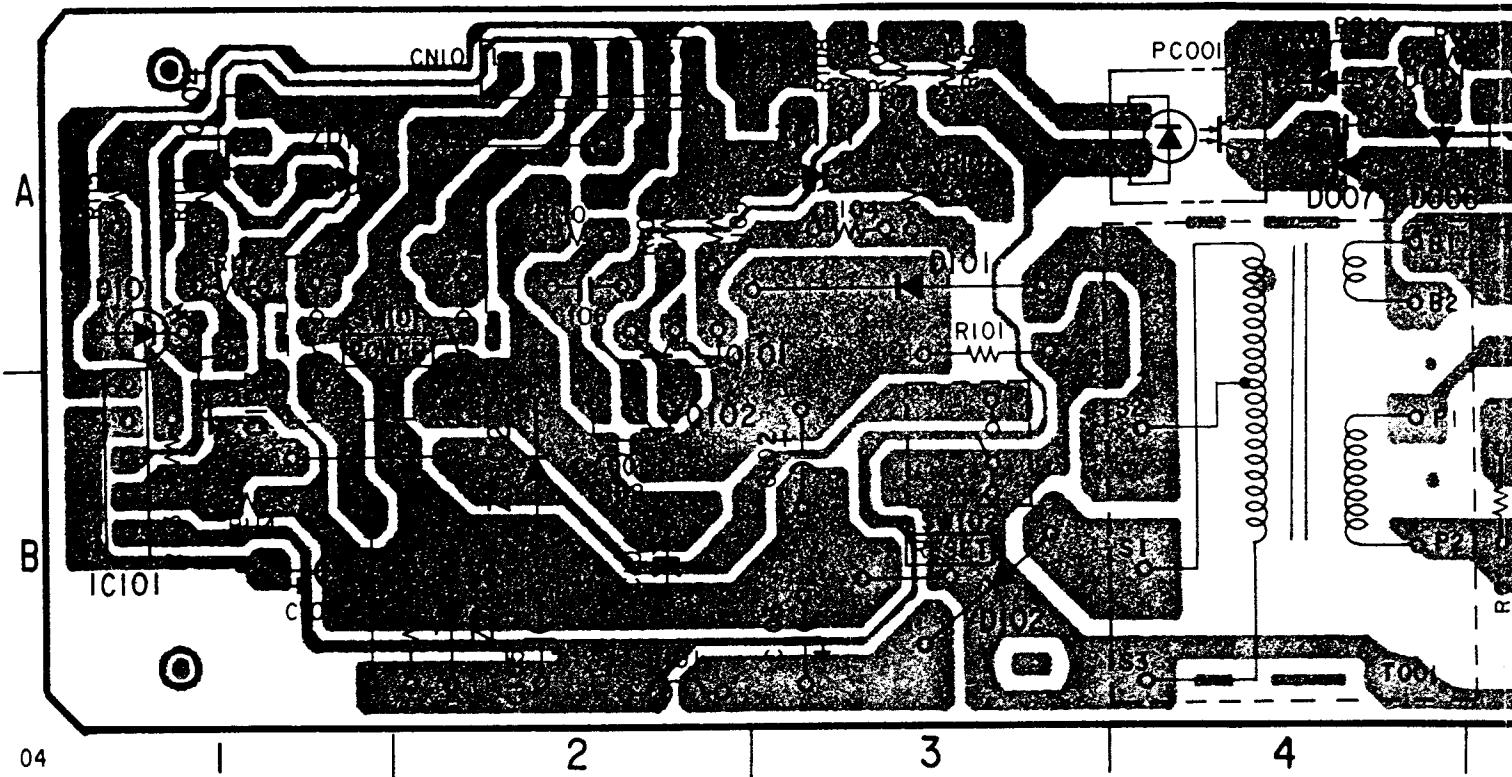
3-10. SCHEMATIC DIAGRAM (PU-18 (-11/-21 • -31/-41 • -52/-62 • -72/-82) BOARD (5/5))





3-11. PRINTED WIRING BOARD (POWER BLOCK (1-468-176-11))

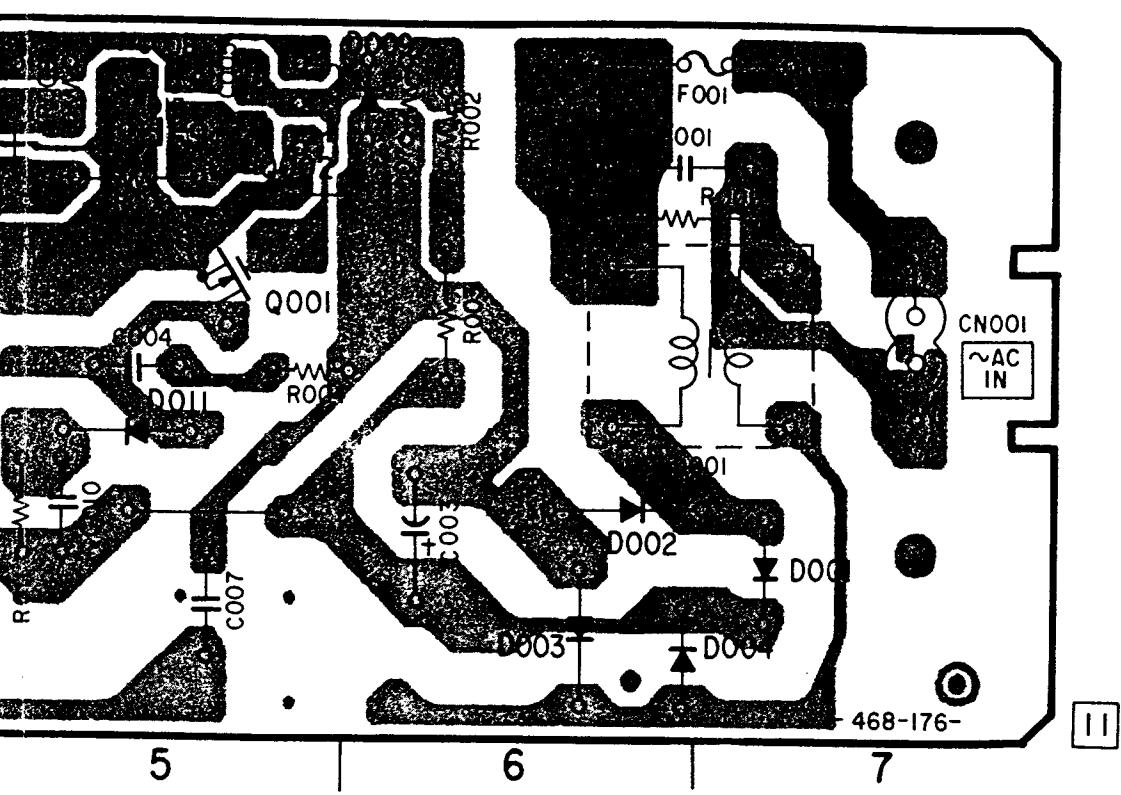
POWER BLOCK (SCPH-5500)



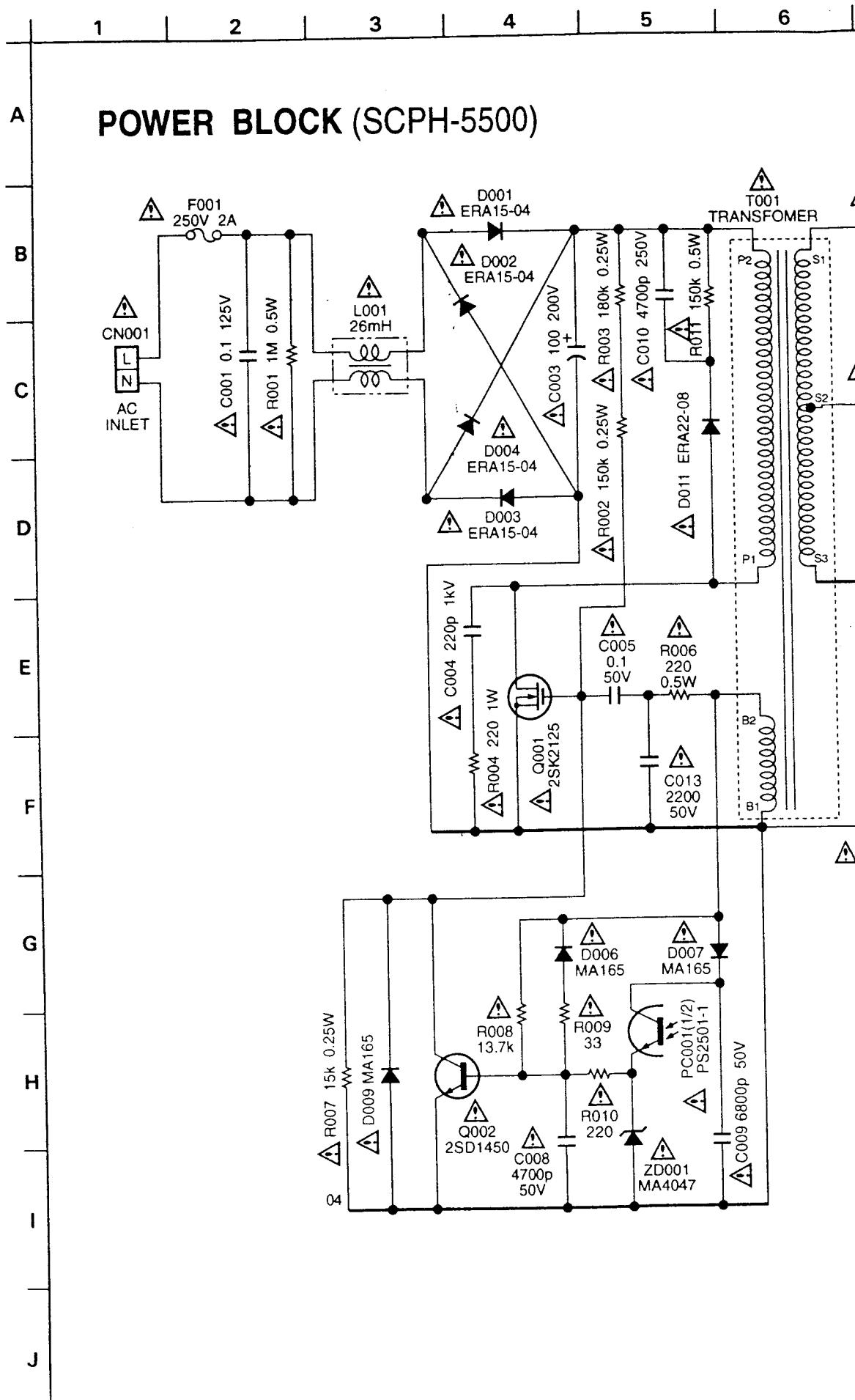
• Semiconductor Location

(1-468-176-11)

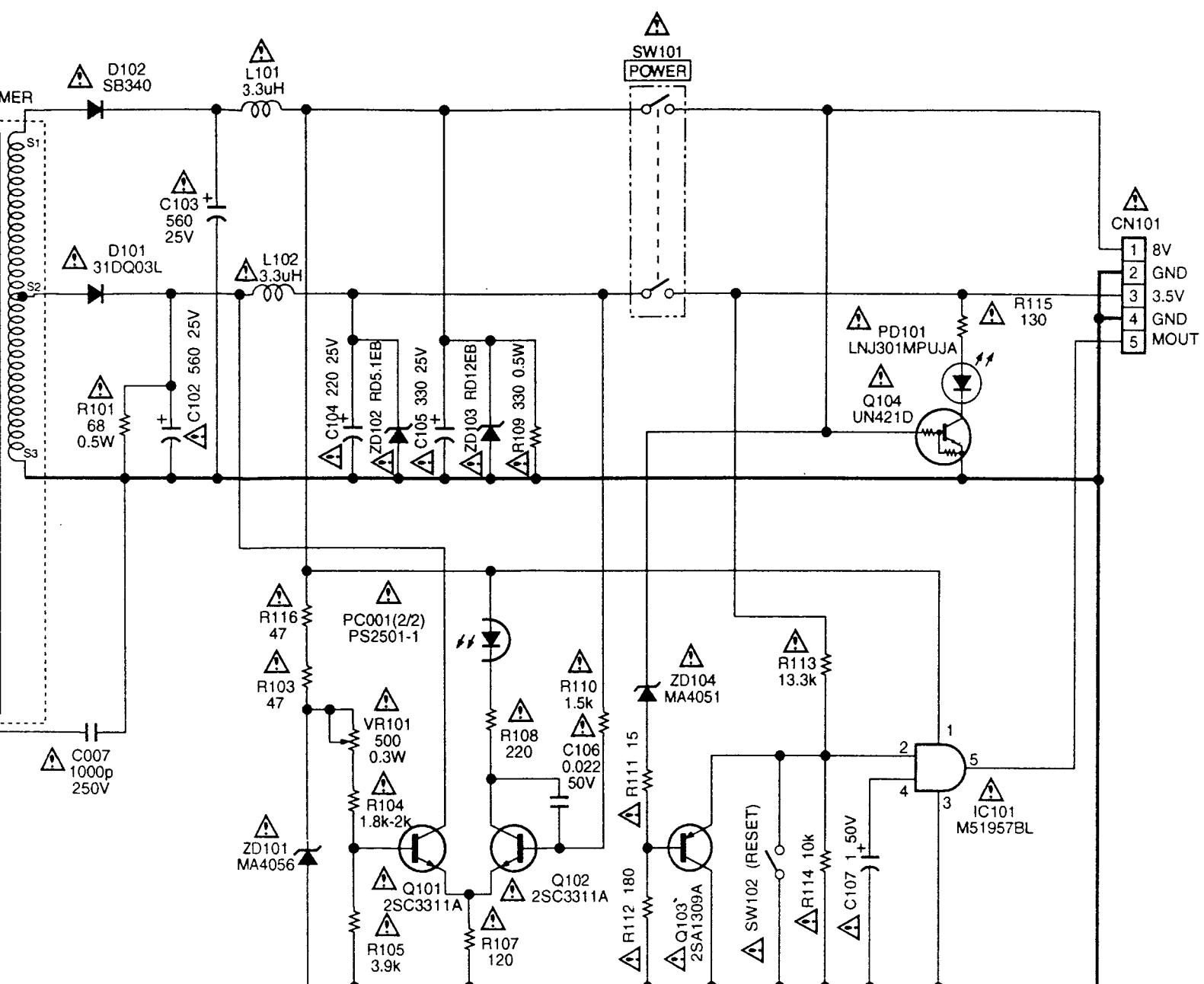
Ref. No.	Location
D001	B-7
D002	B-6
D003	B-6
D004	B-7
D006	A-4
D007	A-4
D009	A-6
D011	B-5
D101	A-3
D102	B-3
IC101	B-1
PC001	A-4
PD101	A-1
Q001	A-5
Q002	A-5
Q101	A-2
Q102	B-2
Q103	B-1
Q104	A-1
ZD001	A-4
ZD101	A-3
ZD102	B-2
ZD103	B-2
ZD104	A-1



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



6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |



1-468-176-11

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 sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

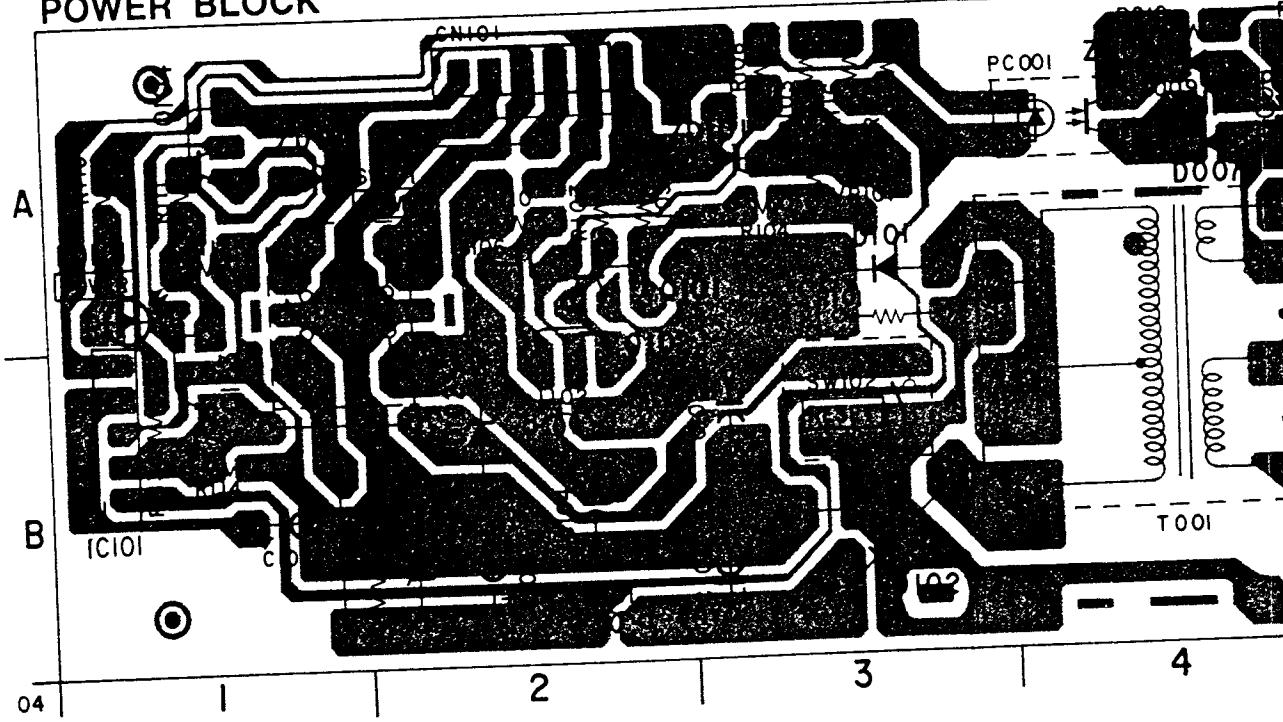
3-13. PRINTED WIRING BOARD (POWER BLOCK (1-468-218-11))

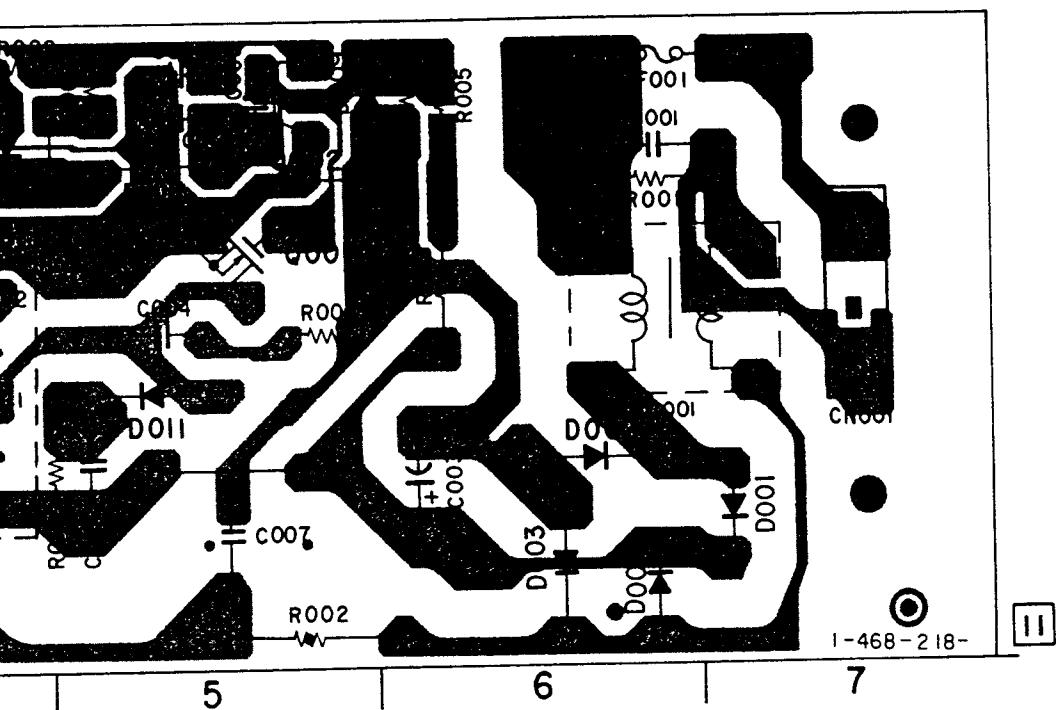
POWER BLOCK

semiconductor Location

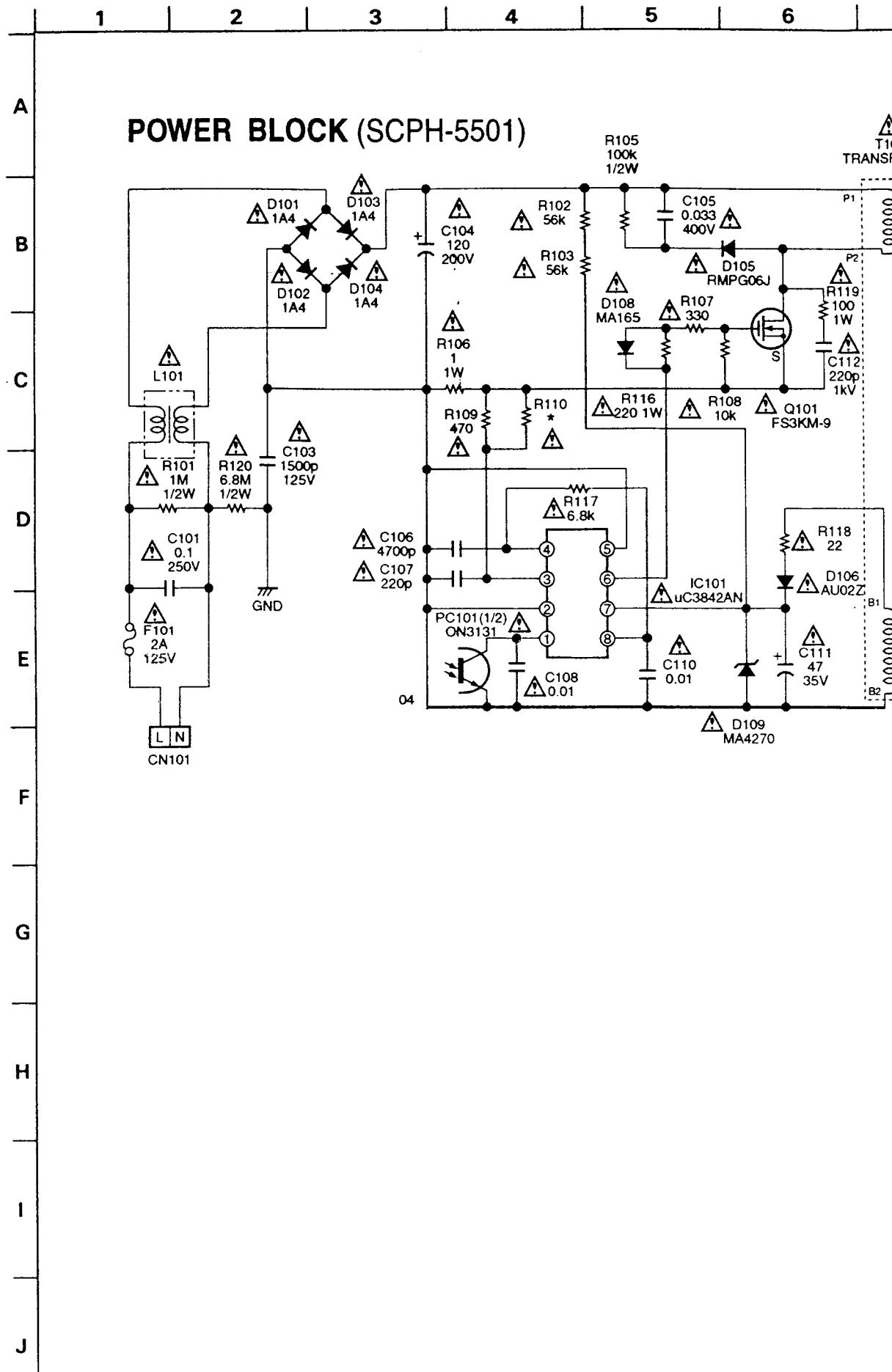
(1-468-218-11)

No.	Location
01	B-7
02	B-6
03	B-6
04	B-6
05	A-4
06	A-4
07	A-5
08	B-5
09	A-3
10	B-3
11	B-1
12	A-4
13	A-1
14	A-5
15	A-5
16	A-2
17	B-2
18	B-3
19	A-1
001	A-4
0101	A-4
0102	B-2
0103	B-2
0104	A-1





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



7

8

9

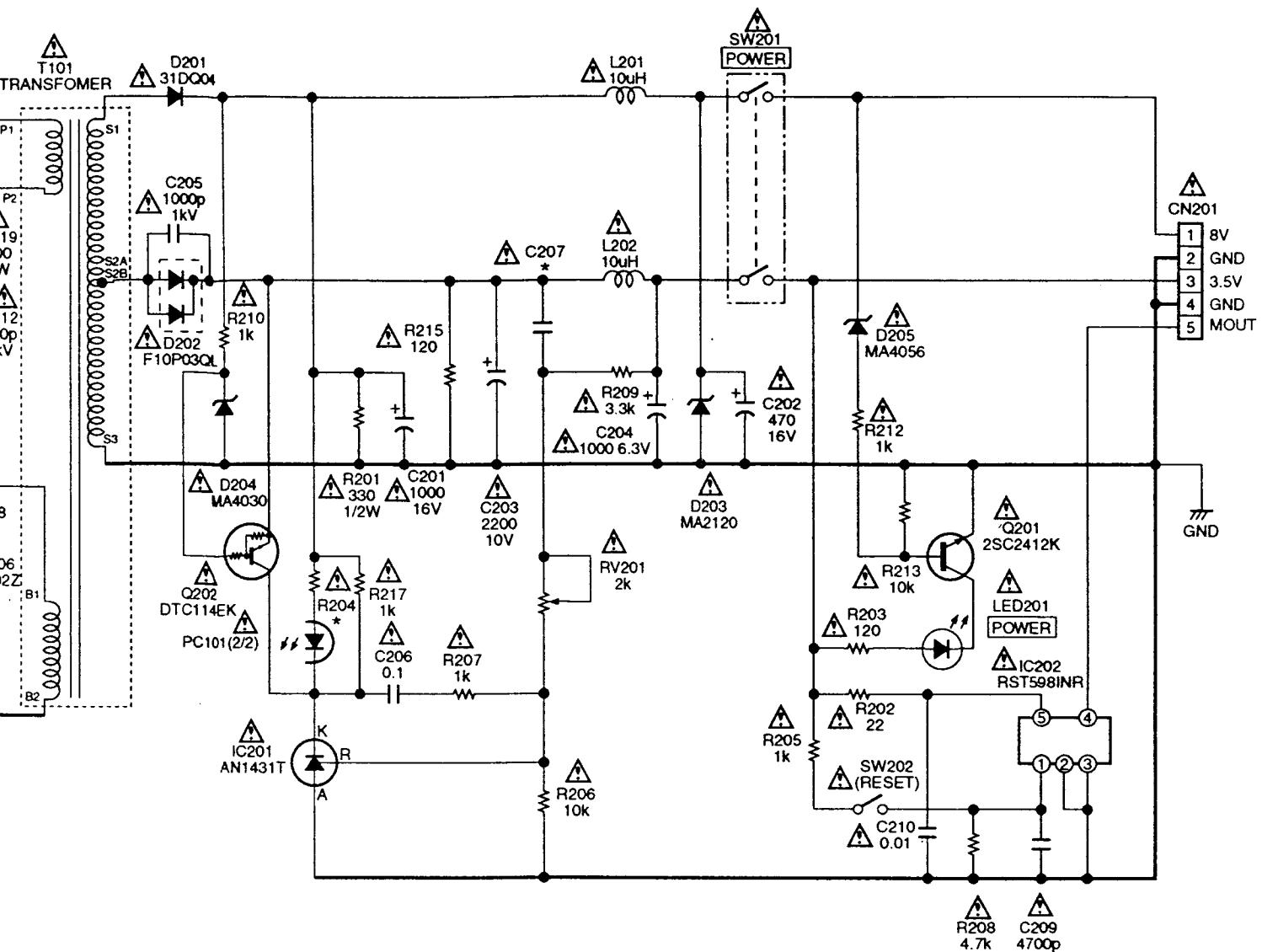
10

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14



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 mark or dotted line with mark are critical for safety. Replace only with part number specified.

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

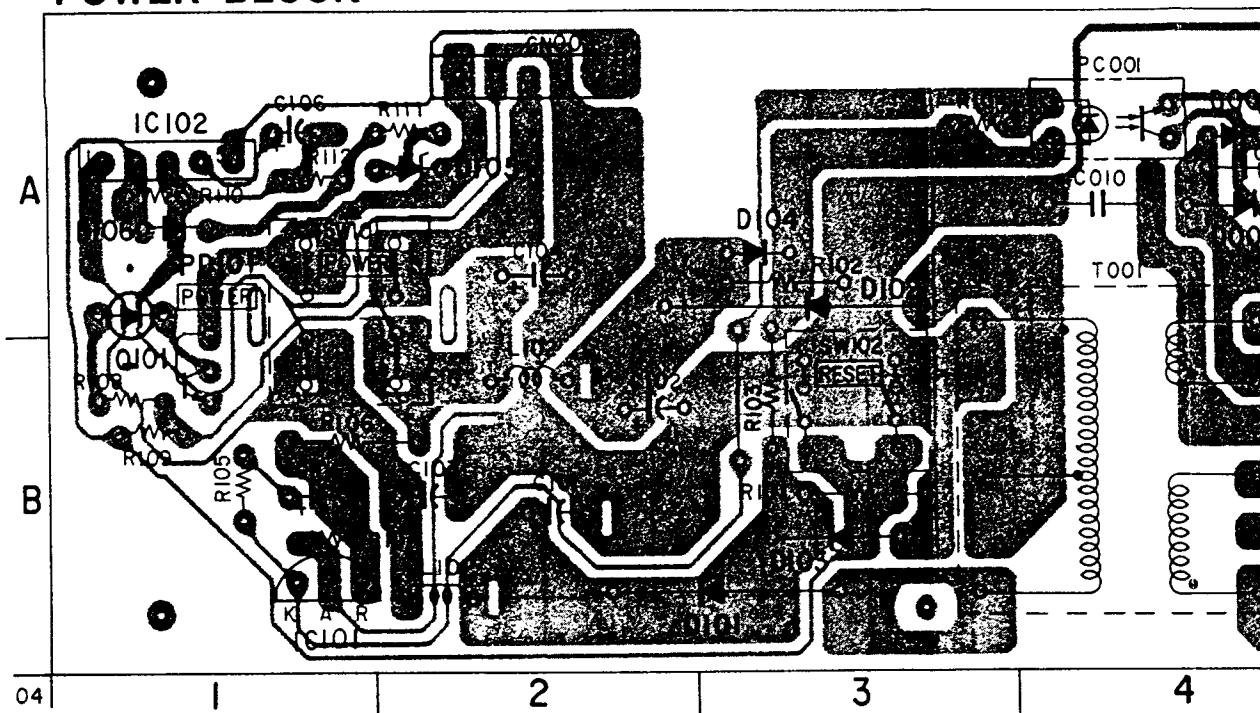
3-17. PRINTED WIRING BOARD (POWER BLOCK (1-468-218-31))

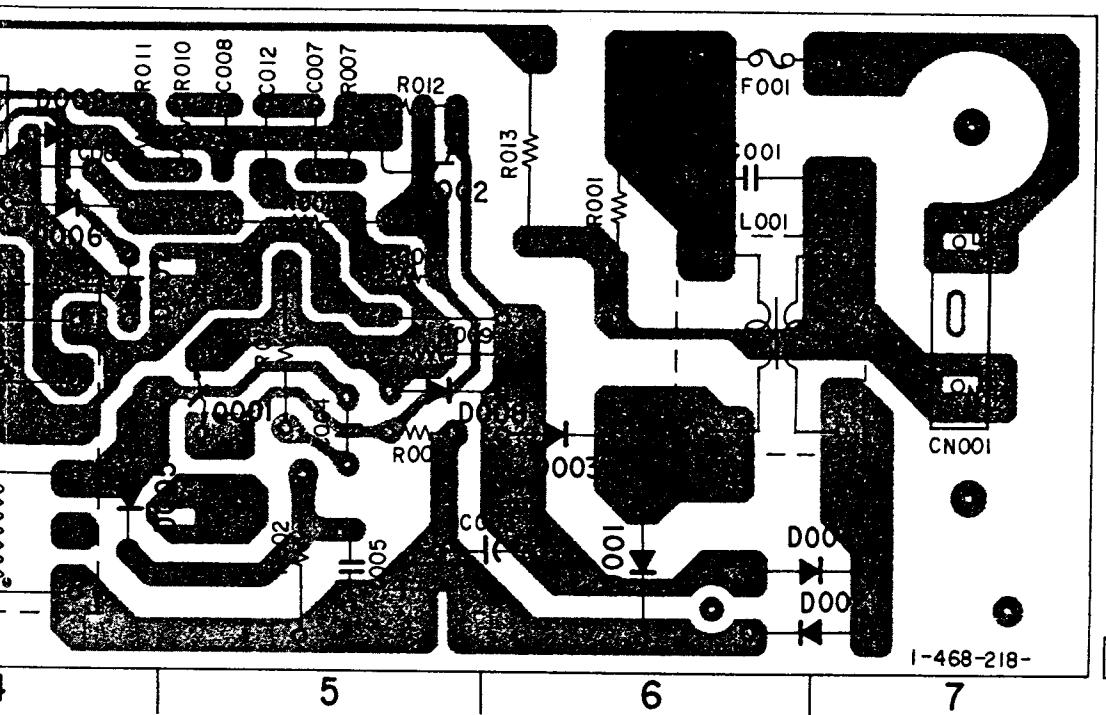
POWER BLOCK

Semiconductor Location

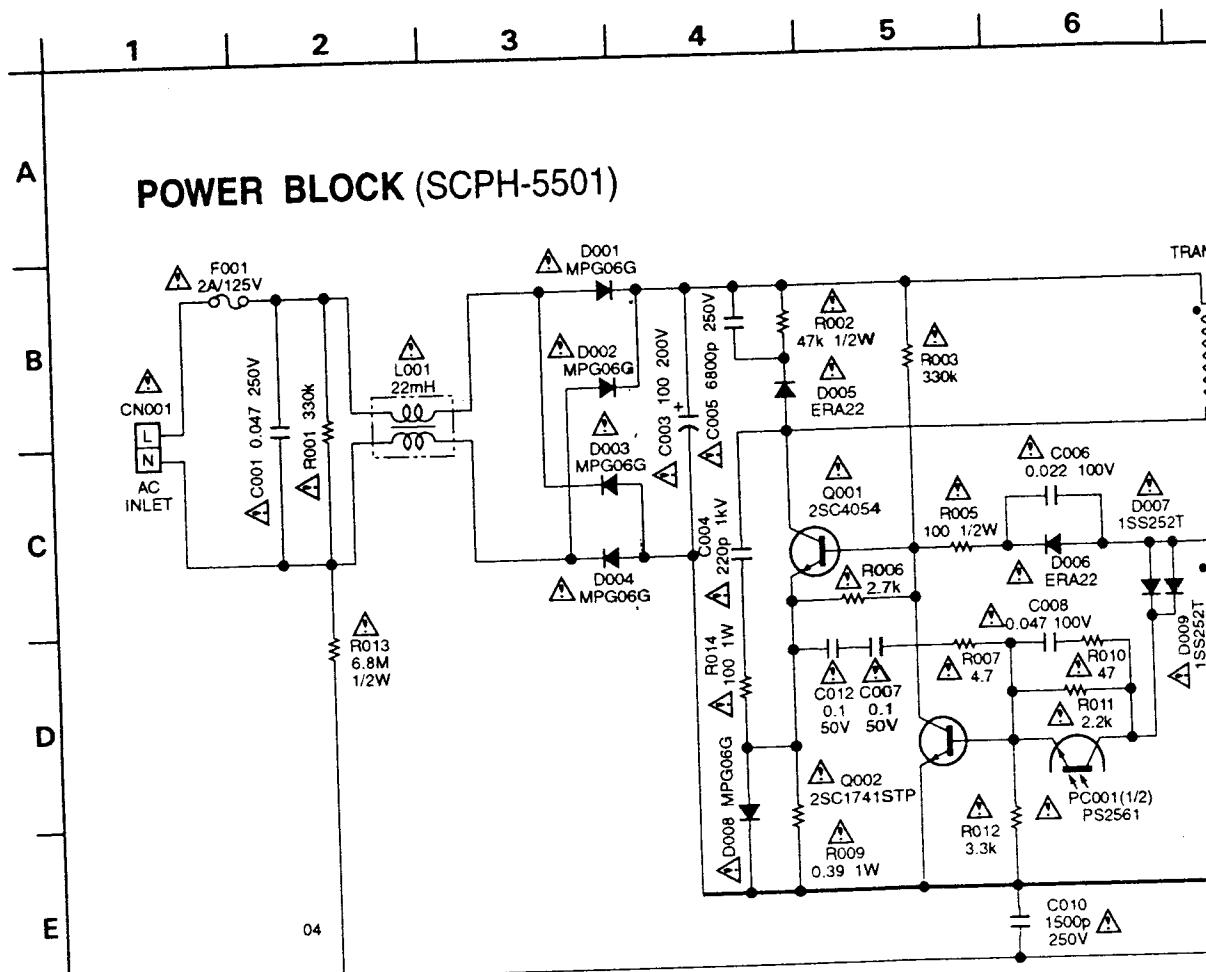
(1-468-218-31)

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
D009	A-4
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	A-1





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



7

8

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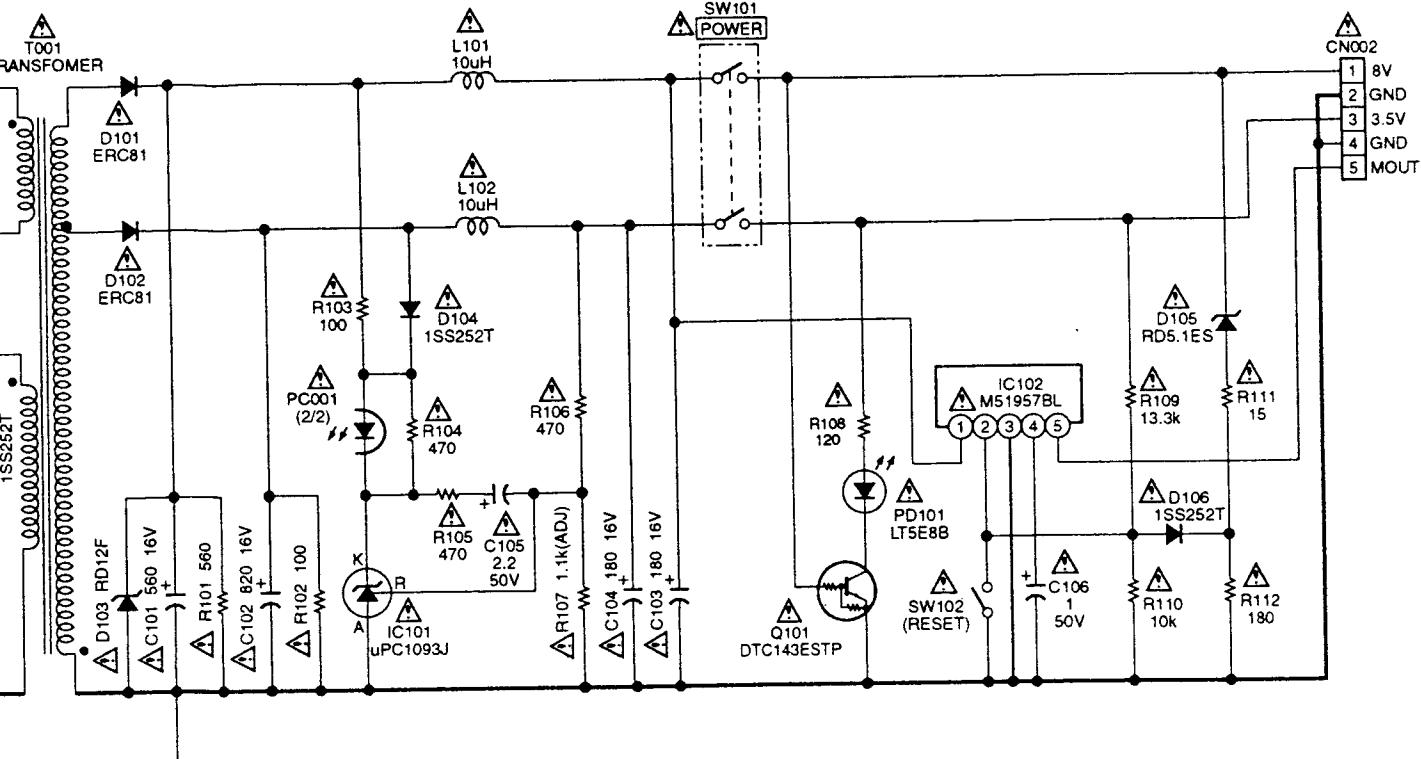
10

11

12

13

14



1-468-218-31

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

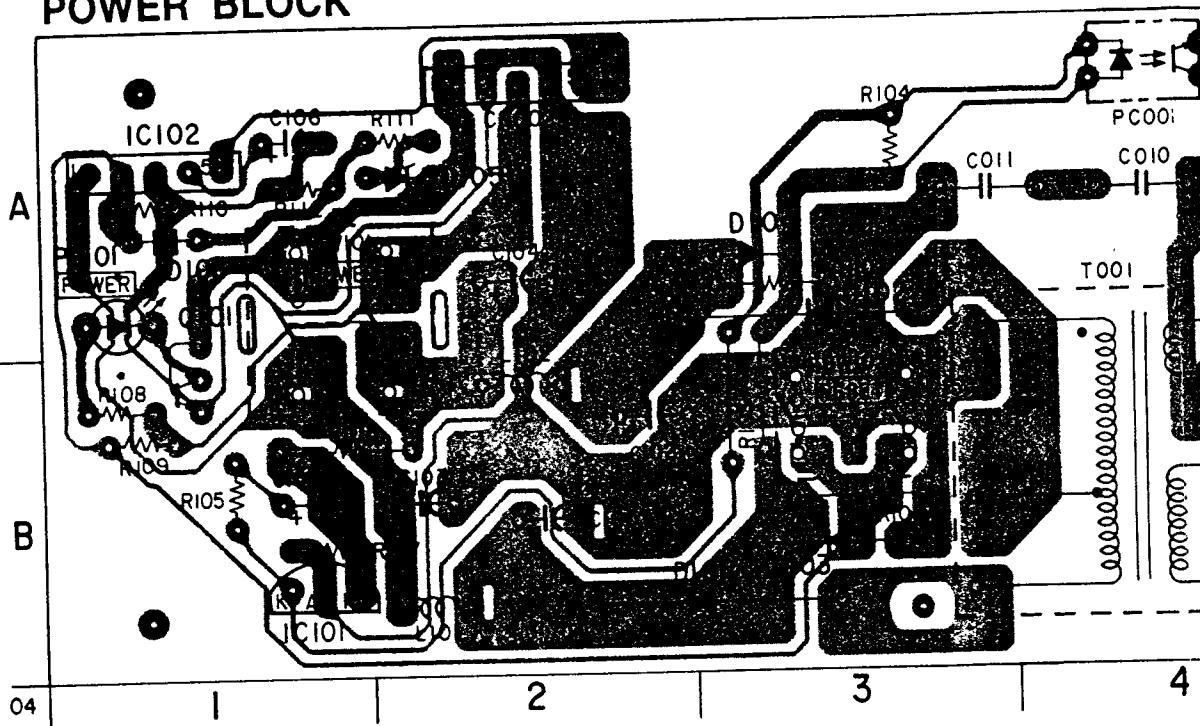
Note:
Les composants identifiés par une marque sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

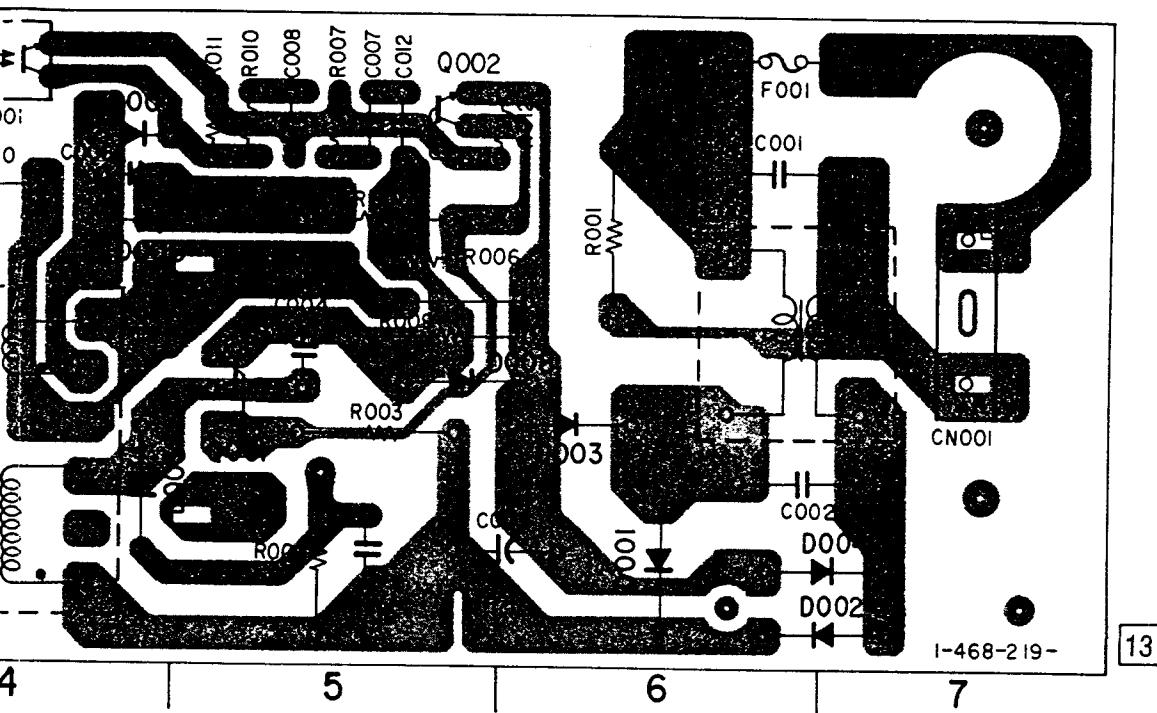
3-19. PRINTED WIRING BOARD (POWER BLOCK (1-468-219-13))

POWER BLOCK

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

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





13

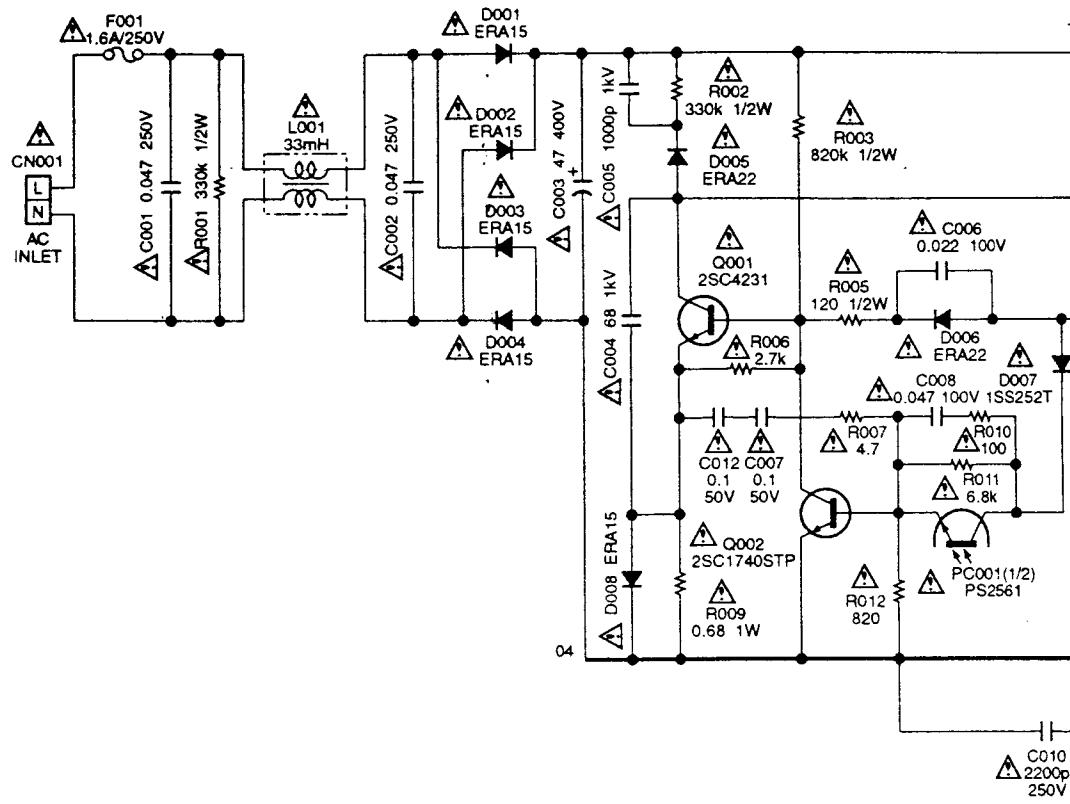
3-20. SCHEMATIC DIAGRAM (POWER BLOCK (1-468-219-13))

1 2 3 4 5 6

A

POWER BLOCK (SCPH-5502)

B



C

D

E

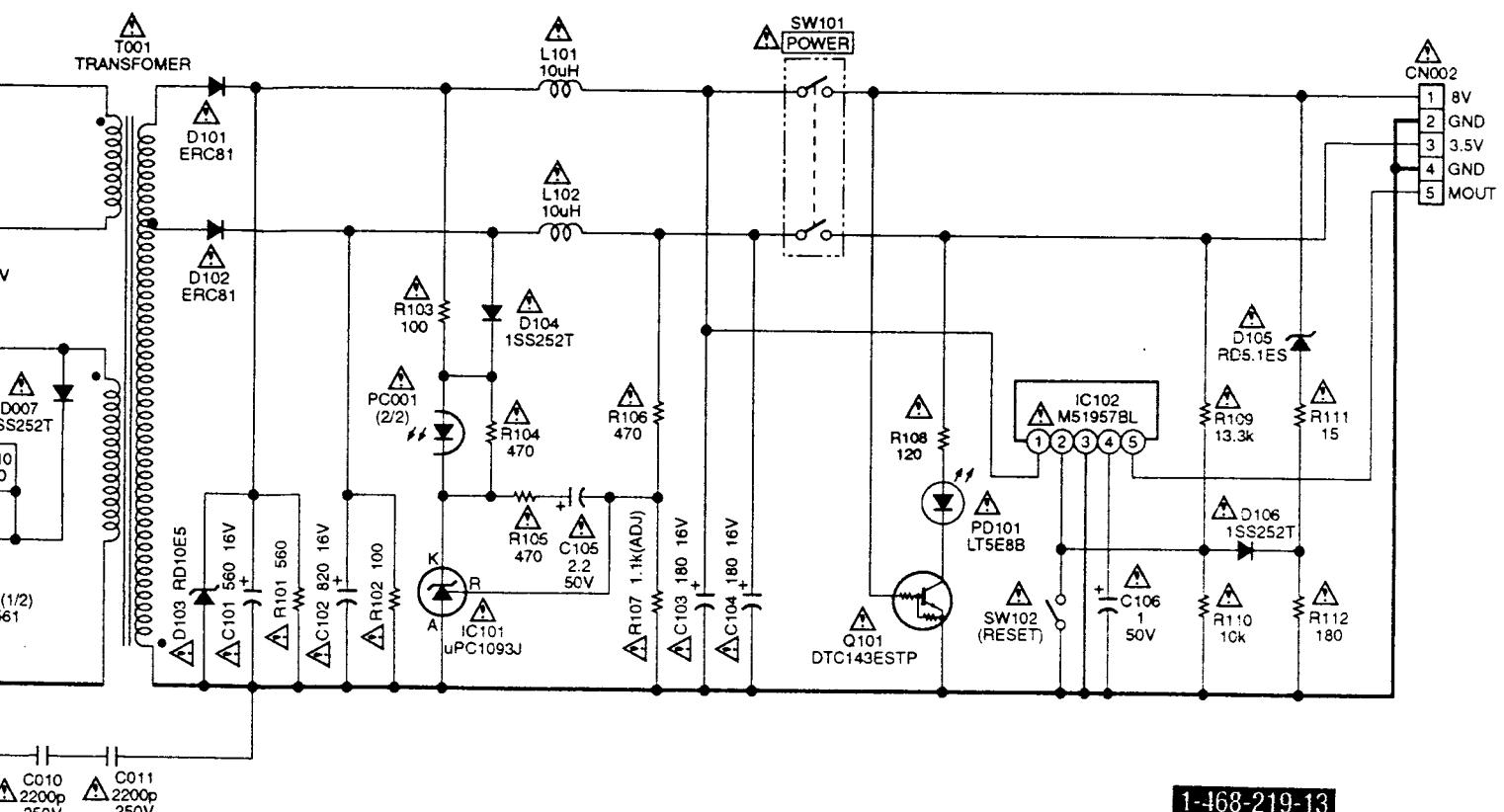
F

G

04
C010
△ 2200p
250V

6 -

7 | 8 | 9 | 10 | 11 | 12 | 13 | 14



1-468-219-13

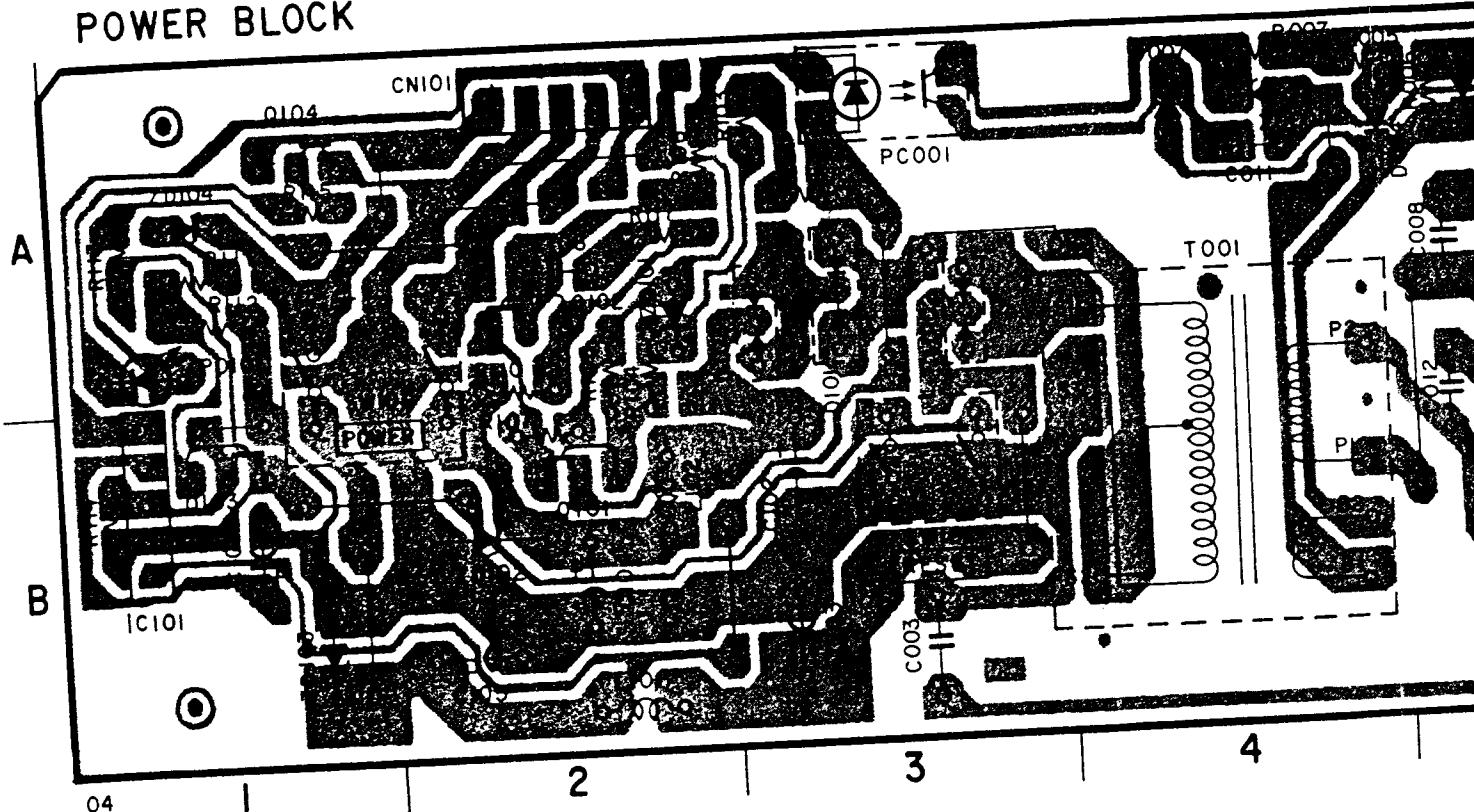
Note:
The components identified by mark or dotted line with mark are critical for safety. Replace only with part number specified.

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

62

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

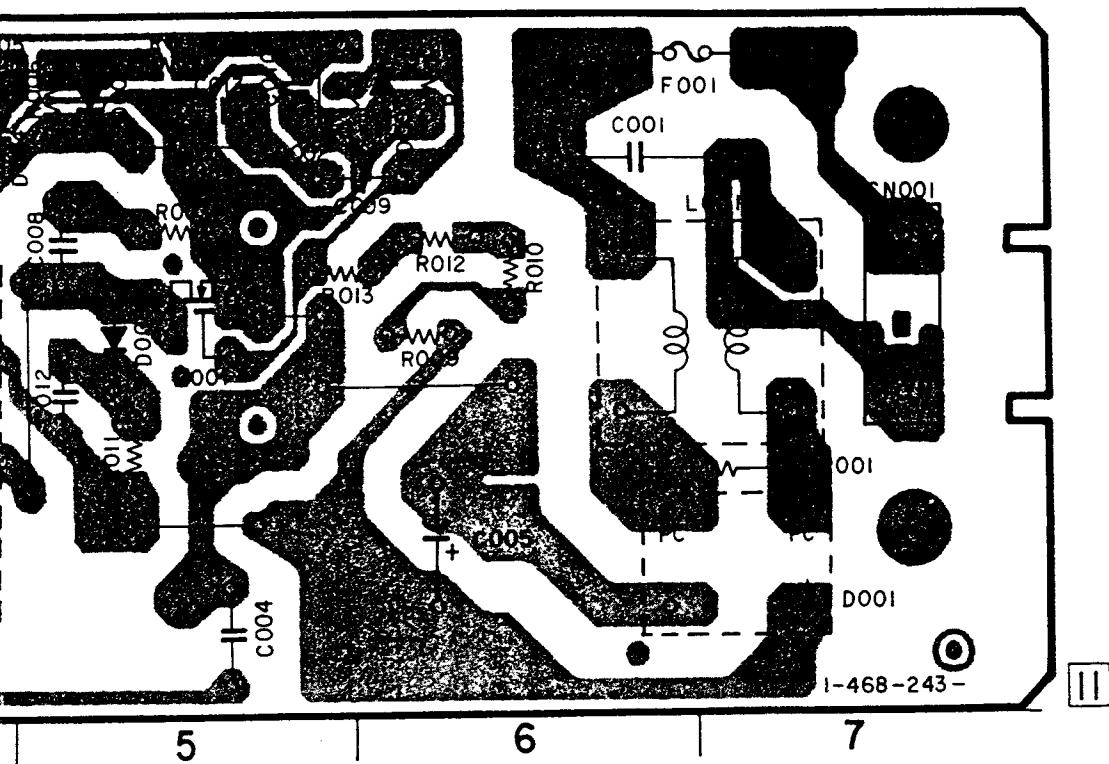
POWER BLOCK



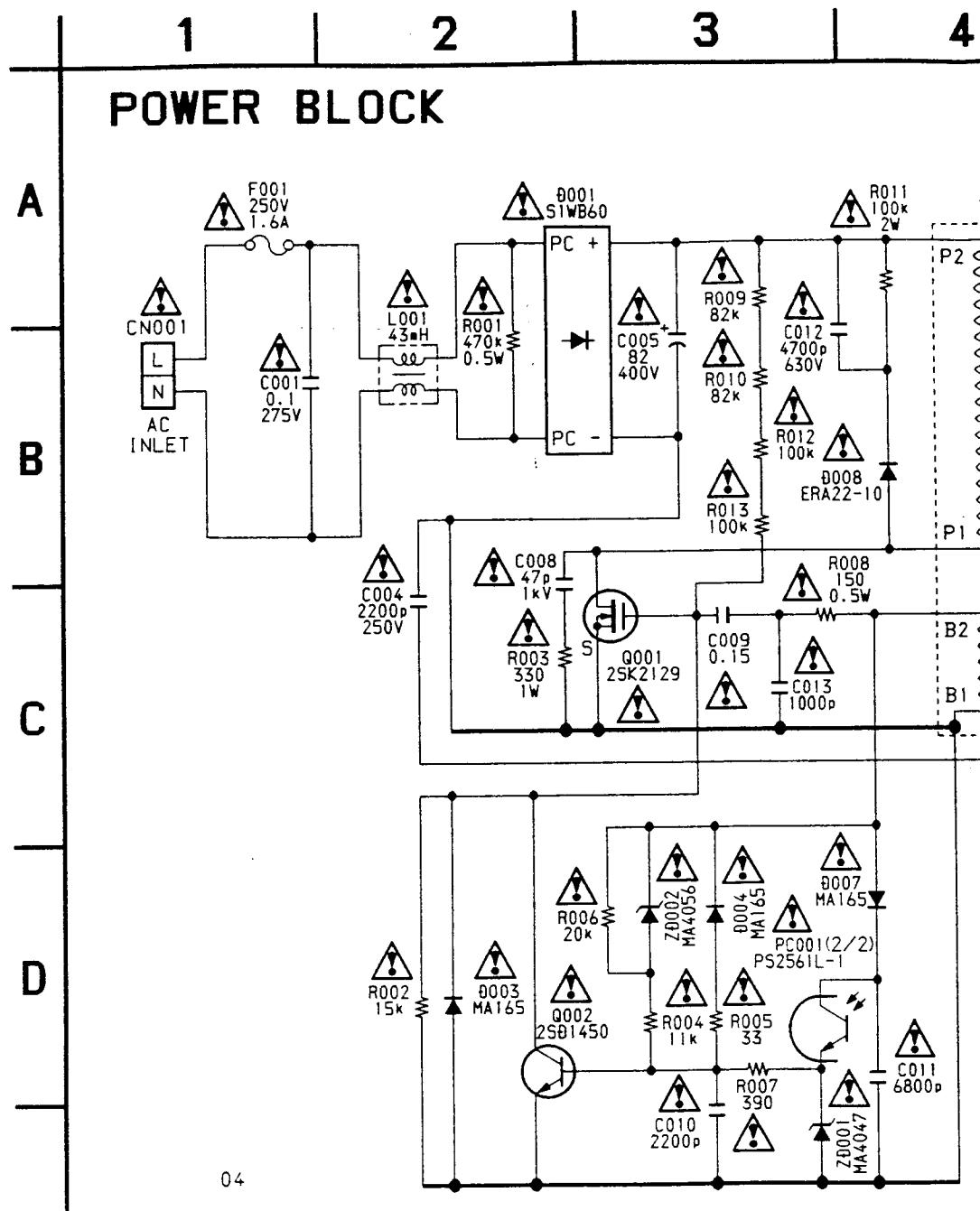
• Semiconductor Location

(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



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



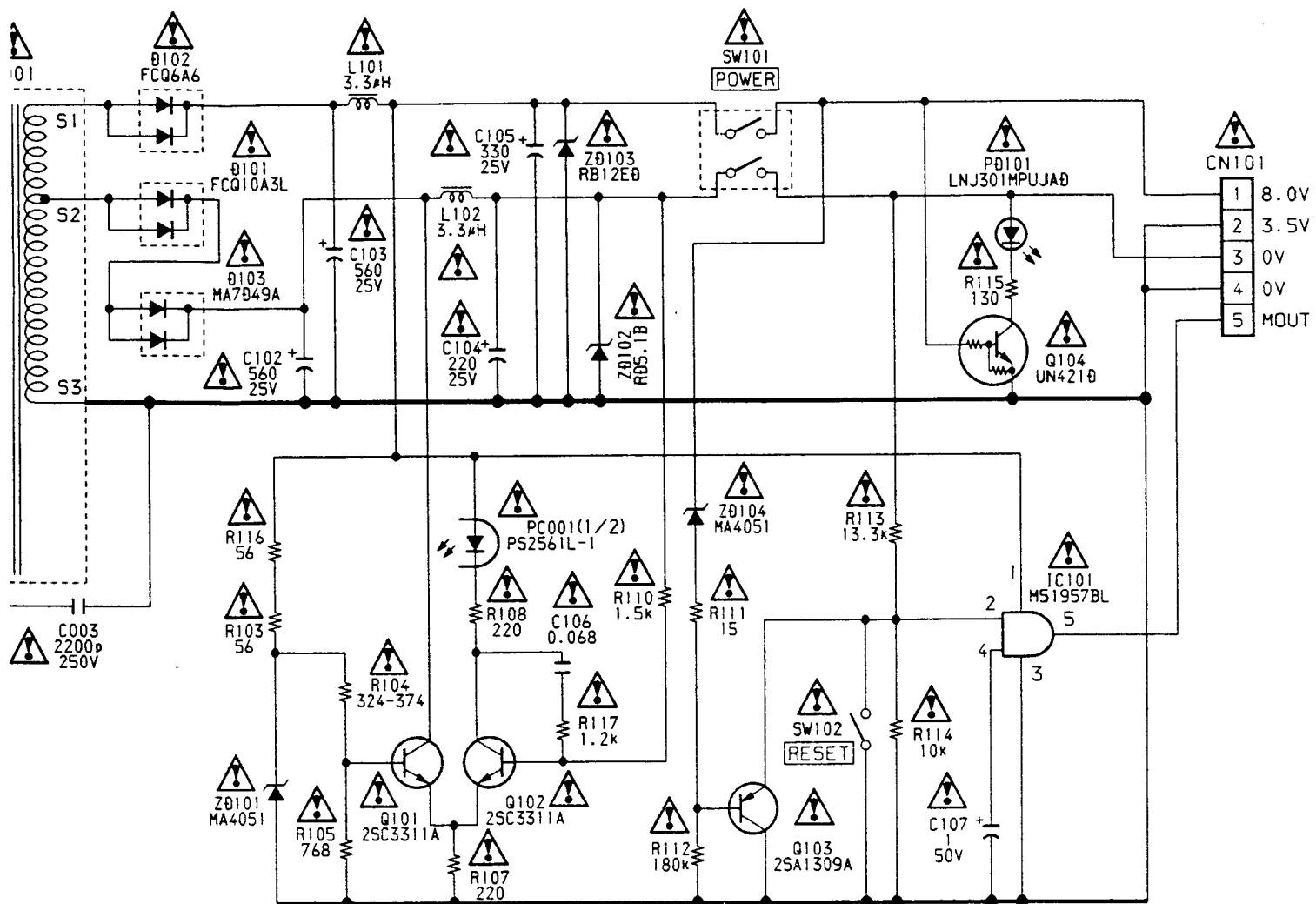
5

6

7

8

9



(1-468-243-11)

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 sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

66

NOTE:

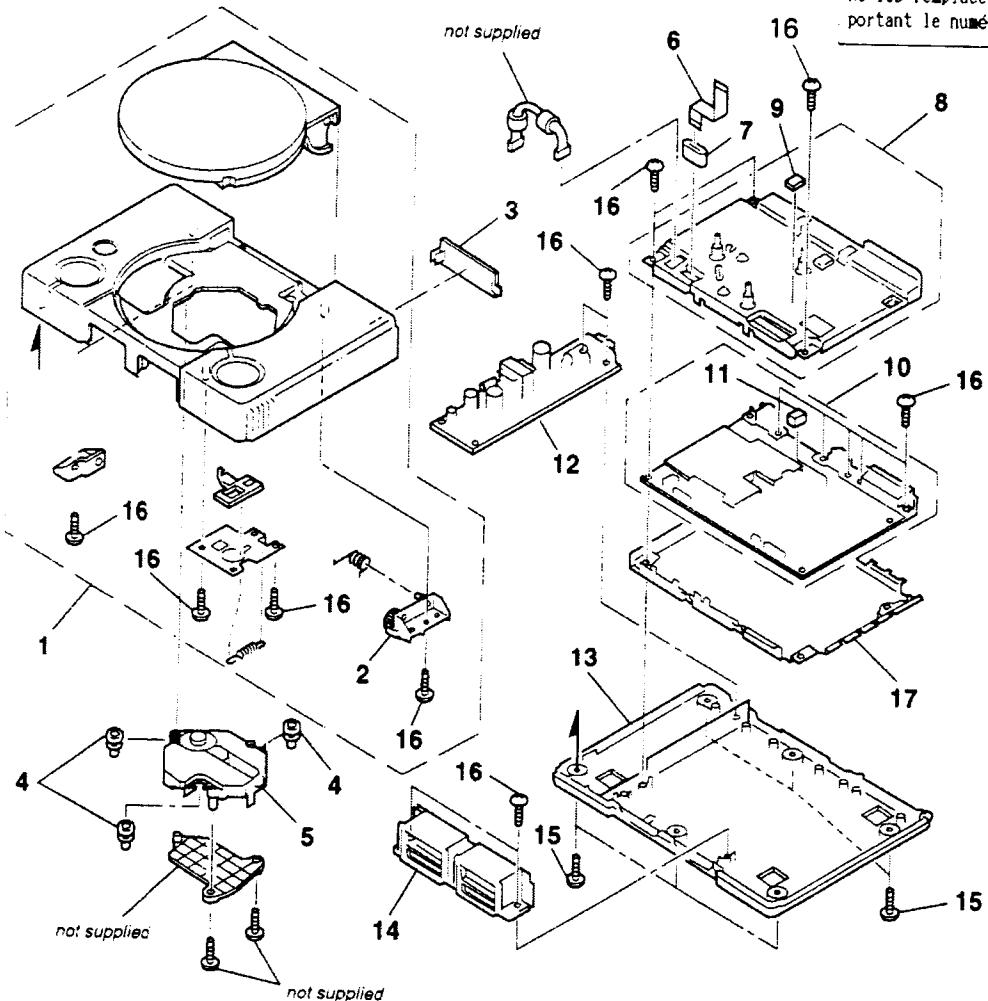
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- 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 **A** or dotted line with mark **A** are critical for safety. Replace only with part number specified.

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

4-1. MAIN BLOCK



NOTE:

- Due to standard parts lists, parts specific to this model are not stocked.
- XX and -X mean they may have some difference from the original one.
- RESISTORS**
All resistors
METAL: Metal-f
METAL OXIDE:
F: nonflammable

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 1-164-23

- C137 1-163-27
- C138 1-164-23
- C139 1-164-23
- C140 1-164-23
- C144 1-162-9

- C145 1-162-9
- C201 1-164-15
- C202 1-164-15

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, PIO	(5500/5502/5503)
* 3	3-962-222-21	LID, PIO	(5501)
* 4	3-965-376-01	INSULATOR	
△5	8-820-011-01	PICK-UP, OPTICAL KSM-440ADM/CIN	
* 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 3X12	
16	7-685-648-79	SCREW, TAPPING +BV 3X12	
* 17	3-974-534-01	SHIELD (LOWER)	

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:μ, for example:

uA...: μA. uPA...: μPA.

uPB...: μPB. uPC...: μPC. uPD...: μPD..

• CAPACITORS

uF: μF

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

• COILS

uH: μH

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

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	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		*	C204	1-164-156-71 CERAMIC CHIP	0.1uF	25V			
		< CAPACITOR >		*	C205	1-164-156-71 CERAMIC CHIP	0.1uF	25V			
*	C100	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V	*	C206	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C101	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V	*	C208	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C102	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V	*	C209	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C103	1-162-927-71 CERAMIC CHIP	100PF	5%	50V	*	C210	1-164-156-71 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	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C106	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V	*	C213	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C108	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V	*	C214	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C109	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V	*	C215	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C110	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V	*	C216	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C111	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V	*	C217	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C112	1-164-156-71 CERAMIC CHIP	0.1uF	25V		*	C218	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C113	1-164-156-71 CERAMIC CHIP	0.1uF	25V		*	C219	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C114	1-164-156-71 CERAMIC CHIP	0.1uF	25V		*	C220	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C115	1-164-156-71 CERAMIC CHIP	0.1uF	25V		*	C221	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C116	1-164-156-71 CERAMIC CHIP	0.1uF	25V		*	C222	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
C117	1-164-232-11 CERAMIC	0.01uF	10%	50V		*	C223	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
C124	1-115-156-11 CERAMIC	1uF		10V		*	C224	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C125	1-162-927-71 CERAMIC CHIP	100PF	5%	50V	*	C225	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C126	1-162-927-71 CERAMIC CHIP	100PF	5%	50V	*	C226	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C127	1-162-927-71 CERAMIC CHIP	100PF	5%	50V	*	C227	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C128	1-162-927-71 CERAMIC CHIP	100PF	5%	50V	*	C228	1-164-156-71 CERAMIC CHIP	0.1uF	25V	
*	C129	1-162-927-71 CERAMIC CHIP	100PF	5%	50V	*	C231	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	
*	C130	1-162-927-71 CERAMIC CHIP	100PF	5%	50V	*	C232	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	
*	C131	1-162-927-71 CERAMIC CHIP	100PF	5%	50V	*	C235	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	
*	C132	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V	*	C237	1-216-864-11 CONDUCTOR, CHIP		#	
*	C133	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V	*	C238	1-164-232-11 CERAMIC	0.01uF	10% 50V	
*	C134	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V		C239	1-163-275-11 CERAMIC	1000PF	5% 50V	
*	C135	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V		C240	1-164-232-11 CERAMIC	0.01uF	10% 50V	
C136	1-164-232-11 CERAMIC	0.01uF	10%	50V		C241	1-164-232-11 CERAMIC	0.01uF	10% 50V		
	C137	1-163-275-11 CERAMIC	1000PF	5%	50V		C242	1-164-232-11 CERAMIC	0.01uF	10% 50V	
C138	1-164-232-11 CERAMIC	0.01uF	10%	50V		C243	1-164-232-11 CERAMIC	0.01uF	10% 50V		
C139	1-164-232-11 CERAMIC	0.01uF	10%	50V		*	C244	1-162-927-71 CERAMIC CHIP	100PF	5% 50V	
C140	1-164-232-11 CERAMIC	0.01uF	10%	50V		*	C245	1-162-927-71 CERAMIC CHIP	100PF	5% 50V	
*	C144	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V		*	C304	1-164-156-71 CERAMIC CHIP	0.1uF	25V
*	C145	1-162-964-11 CERAMIC CHIP	1000PF	10%	50V		*	C305	1-164-156-71 CERAMIC CHIP	0.1uF	25V
*	C201	1-164-156-71 CERAMIC CHIP	0.1uF	25V			*	C306	1-164-156-71 CERAMIC CHIP	0.1uF	25V
*	C202	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

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Ref. No.	Part No.	Description		Remark	Ref. No.	Part No.	Description		Remark	
C316	1-164-232-11	CERAMIC	0.01uF	10%	50V	C621	1-115-156-11	CERAMIC	1uF	10V
C319	1-115-156-11	CERAMIC	1uF		10V	* C622	1-162-964-11	CERAMIC CHIP	1000PF	10% 50V
* C323	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C624	1-128-004-11	ELECT CHIP	10uF	20% 16V
C324	1-115-156-11	CERAMIC	1uF		10V	C625	1-164-232-11	CERAMIC	0.01uF	10% 50V
C325	1-126-205-11	ELECT	47uF	20%	6.3V	C626	1-164-232-11	CERAMIC	0.01uF	10% 50V
* C326	1-164-156-71	CERAMIC CHIP	0.1uF		25V	* C701	1-164-156-71	CERAMIC CHIP	0.1uF	25V
C327	1-115-156-11	CERAMIC	1uF		10V	* C702	1-164-156-71	CERAMIC CHIP	0.1uF	25V
* C401	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C703	1-162-970-11	CERAMIC CHIP	0.01uF	10% 25V
* C402	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C704	1-162-967-11	CERAMIC CHIP	3300PF	10% 50V
* C403	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C705	1-126-191-11	ELECT	0.47uF	20% 50V
* C405	1-164-156-71	CERAMIC CHIP	0.1uF		25V	* C706	1-162-927-71	CERAMIC CHIP	100PF	5% 50V
C406	1-128-004-11	ELECT CHIP	10uF	20%	16V	C707	1-164-227-11	CERAMIC CHIP	0.022uF	10% 25V
C407	1-128-004-11	ELECT CHIP	10uF	20%	16V	C708	1-162-965-11	CERAMIC CHIP	1500PF	10% 50V
* C408	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C709	1-164-174-11	CERAMIC CHIP	8200PF	10% 25V
C423	1-128-004-11	ELECT CHIP	10uF	20%	16V	C711	1-135-149-21	TANTLUM CHIP	2.2uF	20% 6.3V
C424	1-128-004-11	ELECT CHIP	10uF	20%	16V	C712	1-164-730-11	CERAMIC CHIP	1200PF	10% 50V
* C432	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C713	1-164-730-11	CERAMIC CHIP	1200PF	10% 50V
C443	1-124-778-00	ELECT	22uF	20%	6.3V	C714	1-162-968-11	CERAMIC CHIP	4700PF	10% 50V
C444	1-164-232-11	CERAMIC	0.01uF	10%	50V	C715	1-165-176-11	CERAMIC CHIP	0.047uF	10% 16V
C445	1-164-232-11	CERAMIC	0.01uF	10%	50V	* C716	1-164-156-71	CERAMIC CHIP	0.1uF	25V
C501	1-162-910-11	CERAMIC CHIP	SPF	0.25PF	50V	C719	1-165-176-11	CERAMIC CHIP	0.047uF	10% 16V
C502	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	C720	1-162-962-11	CERAMIC CHIP	470PF	10% 50V
* C504	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C722	1-164-730-11	CERAMIC CHIP	1200PF	10% 50V
* C505	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C723	1-164-730-11	CERAMIC CHIP	1200PF	10% 50V
* C506	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C724	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V
* C507	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C725	1-162-962-11	CERAMIC CHIP	470PF	10% 50V
C508	1-126-205-11	ELECT	47uF	20%	6.3V	C726	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V
* C509	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C728	1-162-926-11	CERAMIC CHIP	82PF	5% 50V
* C510	1-164-156-71	CERAMIC CHIP	0.1uF		25V	* C729	1-164-156-71	CERAMIC CHIP	0.1uF	25V
C511	1-128-004-11	ELECT CHIP	10uF	20%	16V	C731	1-128-004-11	ELECT CHIP	10uF	20% 16V
* C512	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C734	1-128-004-11	ELECT CHIP	10uF	20% 16V
C513	1-126-206-11	ELECT	100uF	20%	6.3V	* C735	1-162-927-71	CERAMIC CHIP	100PF	5% 50V
C518	1-126-246-11	ELECT	220uF	20%	4V	C736	1-104-847-11	TANTLUM CHIP	22uF	20% 4V
C519	1-128-004-11	ELECT CHIP	10uF	20%	16V	C737	1-104-847-11	TANTLUM CHIP	22uF	20% 4V
C522	1-126-246-11	ELECT	220uF	20%	4V	C738	1-126-205-11	ELECT	47uF	20% 6.3V
C523	1-164-460-11	CERAMIC CHIP	62PF	5%	50V	* C739	1-162-964-11	CERAMIC CHIP	1000PF	10% 50V
* C524	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C740	1-104-847-11	TANTLUM CHIP	22uF	20% 4V
C527	1-126-246-11	ELECT	220uF	20%	4V	C741	1-104-847-11	TANTLUM CHIP	22uF	20% 4V
C528	1-126-246-11	ELECT	220uF	20%	4V	C742	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V
* C529	1-162-927-71	CERAMIC CHIP	100PF	5%	50V	* C743	1-164-156-71	CERAMIC CHIP	0.1uF	25V
* C530	1-162-927-71	CERAMIC CHIP	100PF	5%	50V	* C744	1-164-156-71	CERAMIC CHIP	0.1uF	25V
C601	1-126-204-11	ELECT	47uF	20%	16V	C745	1-128-004-11	ELECT CHIP	10uF	20% 16V
C602	1-126-246-11	ELECT	220uF	20%	4V	* C746	1-164-156-71	CERAMIC CHIP	0.1uF	25V
C605	1-126-204-11	ELECT	47uF	20%	16V	* C748	1-164-156-71	CERAMIC CHIP	0.1uF	25V
C606	1-164-232-11	CERAMIC	0.01uF	10%	50V	* C754	1-164-156-71	CERAMIC CHIP	0.1uF	25V
* C607	1-164-156-71	CERAMIC CHIP	0.1uF		25V	* C755	1-164-156-71	CERAMIC CHIP	0.1uF	25V
* C608	1-164-156-71	CERAMIC CHIP	0.1uF		25V	C756	1-124-778-00	ELECT	22uF	20% 6.3V
C609	1-164-232-11	CERAMIC	0.01uF	10%	50V	C761	1-165-176-11	CERAMIC CHIP	0.047uF	10% 16V
C611	1-128-004-11	ELECT CHIP	10uF	20%	16V	* C762	1-164-156-71	CERAMIC CHIP	0.1uF	25V
C615	1-104-851-11	TANTLUM CHIP	10uF	20%	10V	* C763	1-164-156-71	CERAMIC CHIP	0.1uF	25V
C616	1-124-778-00	ELECT	22uF	20%	6.3V	* C764	1-162-927-71	CERAMIC CHIP	100PF	5% 50V
C617	1-104-908-11	TANTLUM CHIP	47uF	20%	4V					
* C620	1-162-964-11	CERAMIC CHIP	1000PF	10%	50V					

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark					
< CONNECTOR >												
CN102	1-770-305-11	CONNECTOR, FFC/FPC (LIF(NON-ZIF)) 10P		FB703	1-216-295-91	CONDUCTOR, CHIP						
• CN103	1-770-129-11	CONNECTOR, SQUARE 68P		FB704	1-216-295-91	CONDUCTOR, CHIP						
• CN104	1-779-028-11	CONNECTOR, SQUARE 8P		< BEAD, FERRITE >								
• CN502	1-779-029-11	CONNECTOR, SQUARE 12P		FL101	1-414-235-11	BEAD, FERRITE (SMD)						
CN602	1-766-278-11	PIN, CONNECTOR (PC BOARD) 5P		FL102	1-414-235-11	BEAD, FERRITE (SMD)						
CN701	1-573-290-21	PIN, CONNECTOR (1.5mm) (SMD) 4P		FL103	1-414-235-11	BEAD, FERRITE (SMD)						
CN702	1-779-071-21	CONNECTOR, FFC/FPC (LIF(NON-ZIF)) 16P		FL104	1-414-235-11	BEAD, FERRITE (SMD)						
< DIODE >												
D101	8-719-036-80	DIODE	RD3.9SB-T1	FL105	1-550-907-21	BEAD, FERRITE (CHIP)						
D102	8-719-036-80	DIODE	RD3.9SB-T1	FL106	1-550-907-21	BEAD, FERRITE (CHIP)						
D103	8-719-036-80	DIODE	RD3.9SB-T1	FL107	1-500-113-11	BEAD, FERRITE (CHIP)						
D104	8-719-036-80	DIODE	RD3.9SB-T1	FL108	1-500-113-11	BEAD, FERRITE (CHIP)						
D105	8-719-036-80	DIODE	RD3.9SB-T1	FL109	1-500-113-11	BEAD, FERRITE (CHIP)						
D106	8-719-036-80	DIODE	RD3.9SB-T1	FL110	1-500-113-11	BEAD, FERRITE (CHIP)						
D107	8-719-036-80	DIODE	RD3.9SB-T1	FL111	1-500-113-11	BEAD, FERRITE (CHIP)						
D108	8-719-036-80	DIODE	RD3.9SB-T1	FL112	1-500-113-11	BEAD, FERRITE (CHIP)						
D109	8-719-036-80	DIODE	RD3.9SB-T1	• FL113	1-216-029-00	CHIP	150	5%	1/10W			
D110	8-719-036-80	DIODE	RD3.9SB-T1	FL116	1-216-027-00	CHIP	120	5%	1/10W			
D111	8-719-036-80	DIODE	RD3.9SB-T1	• FL117	1-216-029-00	CHIP	150	5%	1/10W			
D112	8-719-036-80	DIODE	RD3.9SB-T1	• FL118	1-216-029-00	CHIP	150	5%	1/10W			
D114	8-719-036-80	DIODE	RD3.9SB-T1	• FL129	1-216-029-00	CHIP	150	5%	1/10W			
D118	8-719-423-30	DIODE	MA8120-TX	FL130	1-216-027-00	CHIP	120	5%	1/10W			
D119	8-719-423-30	DIODE	MA8120-TX	• FL141	1-216-029-00	CHIP	150	5%	1/10W			
D401	8-719-941-09	DIODE	DAP202U	• FL142	1-216-029-00	CHIP	150	5%	1/10W			
D406	8-719-036-80	DIODE	RD3.9SB-T1	• FL143	1-216-029-00	CHIP	150	5%	1/10W			
D407	8-719-036-80	DIODE	RD3.9SB-T1	• FL144	1-216-029-00	CHIP	150	5%	1/10W			
D408	8-719-036-80	DIODE	RD3.9SB-T1	FL146	1-216-027-00	CHIP	120	5%	1/10W			
D409	8-719-036-80	DIODE	RD3.9SB-T1	• FL147	1-216-029-00	CHIP	150	5%	1/10W			
D501	8-719-423-30	DIODE	MA8120-TX	• FL148	1-216-029-00	CHIP	150	5%	1/10W			
D502	8-719-423-30	DIODE	MA8120-TX	• FL159	1-216-029-00	CHIP	150	5%	1/10W			
D503	8-719-423-30	DIODE	MA8120-TX	• FL160	1-216-029-00	CHIP	150	5%	1/10W			
D504	8-719-423-30	DIODE	MA8120-TX	FL170	1-216-027-00	CHIP	120	5%	1/10W			
D505	8-719-423-30	DIODE	MA8120-TX	• FL171	1-216-029-00	CHIP	150	5%	1/10W			
D506	8-719-423-30	DIODE	MA8120-TX	• FL172	1-216-029-00	CHIP	150	5%	1/10W			
D507	8-719-423-30	DIODE	MA8120-TX	FL173	1-500-113-11	BEAD, FERRITE (CHIP)						
D509	8-719-423-30	DIODE	MA8120-TX	< IC >								
D510	8-719-423-30	DIODE	MA8120-TX	• IC102	8-759-458-06	IC	MSM534031C-31GS-KPR2					
D511	8-719-423-30	DIODE	MA8120-TX	• IC103	8-759-387-16	IC	CXD8606Q					
< FERRITE BEAD >								• IC106	8-759-327-10	IC	KM48V514BJ-6-TEL	
FB102	1-500-104-21	BEAD, FERRITE (SMD)		• IC107	8-759-327-10	IC	KM48V514BJ-6-TEL					
FB104	1-500-104-21	BEAD, FERRITE (SMD)		• IC108	8-759-327-10	IC	KM48V514BJ-6-TEL					
FB105	1-216-176-11	CHIP	120	5%	1/8W	• IC109	8-759-327-10	IC	KM48V514BJ-6-TEL			
FB401	1-500-113-11	BEAD, FERRITE (CHIP)		IC201	8-759-369-81	IC	KM4132G271Q-12					
FB402	1-500-113-11	BEAD, FERRITE (CHIP)		• IC202	8-759-440-92	IC	TDA8771AH/C1/R1, 518					
FB501	1-414-235-11	BEAD, FERRITE (SMD)		• IC203	8-759-366-69	IC	CXD8561Q					
FB502	1-500-113-11	BEAD, FERRITE (CHIP)		• IC303	8-752-386-16	IC	CXK5V8257BTM-10LL-T6					
FB601	1-414-235-11	BEAD, FERRITE (SMD)		• IC304	8-759-458-08	IC	MC68HC05G6-SC430925PBE3					
FB701	1-216-295-91	CONDUCTOR, CHIP		IC305	8-752-377-68	IC	CXD1815Q					
FB702	1-216-295-91	CONDUCTOR, CHIP		• IC308	8-752-380-05	IC	CXD2925Q					
				IC310	8-759-177-00	IC	HM514260ALJ82					
				• IC402	8-759-445-70	IC	AK4309A-VM-E2					

Ref. No.	Part No.	Description	Remark
IC501	8-752-068-43	IC CXA1645M	
IC601	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-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
L607	1-412-052-21	INDUCTOR	1uH
L701	1-412-951-11	INDUCTOR	10uH
L711	1-412-951-11	INDUCTOR	10uH
< IC LINK >			
APS601	1-576-123-21	LINK, IC	
APS602	1-576-123-21	LINK, IC	
APS603	1-576-123-21	LINK, IC	
APS604	1-533-282-21	LINK, IC	
APS605	1-576-259-21	LINK, IC	
< 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 2SD1781K-R	
Q404	8-729-921-72	TRANSISTOR 2SD1781K-R	
Q501	8-729-026-48	TRANSISTOR 2SA1037AK-T146-Q	
Q502	8-729-026-48	TRANSISTOR 2SA1037AK-T146-Q	
Q503	8-729-026-48	TRANSISTOR 2SA1037AK-T146-Q	
Q505	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q506	8-729-141-48	TRANSISTOR 2SB624-BV345	
Q609	8-729-141-48	TRANSISTOR 2SB624-BV345	
Q610	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q611	8-729-120-28	TRANSISTOR 2SC1623-L5L6	

Ref. No.	Part No.	Description	Remark
Q701	8-729-903-46	TRANSISTOR 2SB1132-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
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 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.
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PU-18 (-11/-21)

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark		
• R208	1-216-801-71 CHIP	22	5%	1/16W	R519	1-218-285-11 CHIP	75	5%	1/16W
• R209	1-216-801-71 CHIP	22	5%	1/16W	R520	1-218-285-11 CHIP	75	5%	1/16W
• R210	1-216-801-71 CHIP	22	5%	1/16W	R521	1-218-285-11 CHIP	75	5%	1/16W
• R211	1-216-801-71 CHIP	22	5%	1/16W	R522	1-218-285-11 CHIP	75	5%	1/16W
• R212	1-216-801-71 CHIP	22	5%	1/16W	R527	1-216-079-00 CHIP	18K	5%	1/10W
• R213	1-216-801-71 CHIP	22	5%	1/16W	R528	1-216-049-91 CHIP	1K	5%	1/10W
• R214	1-216-801-71 CHIP	22	5%	1/16W	R529	1-216-067-00 CHIP	5.6K	5%	1/10W
R215	1-216-829-11 CHIP	4.7K	5%	1/16W	R530	1-216-304-11 CHIP	3.3	5%	1/10W
R217	1-216-864-11 CONDUCTOR, CHIP				R541	1-216-045-00 CHIP	680	5%	1/10W
• R301	1-216-833-71 CHIP	10K	5%	1/16W	R542	1-216-045-00 CHIP	680	5%	1/10W
• R302	1-216-833-71 CHIP	10K	5%	1/16W	R543	1-216-045-00 CHIP	680	5%	1/10W
• R303	1-216-821-71 CHIP	1K	5%	1/16W	R601	1-216-864-11 CONDUCTOR, CHIP			
• R304	1-216-821-71 CHIP	1K	5%	1/16W	R602	1-216-864-11 CONDUCTOR, CHIP			
• R305	1-216-821-71 CHIP	1K	5%	1/16W	• R606	1-216-821-71 CHIP	1K	5%	1/16W
R320	1-218-285-11 CHIP	75	5%	1/16W	R615	1-216-053-00 CHIP	1.5K	5%	1/10W
• R323	1-216-821-71 CHIP	1K	5%	1/16W	R616	1-216-062-00 CHIP	3.6K	5%	1/10W
• R324	1-216-821-71 CHIP	1K	5%	1/16W	R617	1-216-057-00 CHIP	2.2K	5%	1/10W
• R325	1-216-821-71 CHIP	1K	5%	1/16W	R618	1-216-051-00 CHIP	1.2K	5%	1/10W
• R328	1-216-833-71 CHIP	10K	5%	1/16W	R701	1-216-829-11 CHIP	4.7K	5%	1/16W
• R330	1-216-833-71 CHIP	10K	5%	1/16W	R702	1-216-835-11 CHIP	15K	5%	1/16W
R331	1-216-813-11 CHIP	220	5%	1/16W	R703	1-216-844-11 CHIP	82K	5%	1/16W
R332	1-216-295-91 CONDUCTOR, CHIP			• R704	1-216-833-71 CHIP	10K	5%	1/16W	
• R335	1-216-801-71 CHIP	22	5%	1/16W	R705	1-216-845-11 CHIP	100K	5%	1/16W
R338	1-216-830-11 CHIP	5.6K	5%	1/16W	R706	1-216-857-11 CHIP	1M	5%	1/16W
• R339	1-216-821-71 CHIP	1K	5%	1/16W	R707	1-218-696-11 METAL CHIP	1.5K	0.5%	1/16W
• R340	1-216-801-71 CHIP	22	5%	1/16W	R708	1-216-841-11 CHIP	47K	5%	1/16W
• R341	1-216-801-71 CHIP	22	5%	1/16W	R709	1-216-849-11 CHIP	220K	5%	1/16W
• R342	1-216-801-71 CHIP	22	5%	1/16W	• R710	1-216-833-71 CHIP	10K	5%	1/16W
R343	1-216-829-11 CHIP	4.7K	5%	1/16W	R711	1-216-852-11 CHIP	390K	5%	1/16W
R423	1-216-845-11 CHIP	100K	5%	1/16W	R712	1-216-827-11 CHIP	3.3K	5%	1/16W
R424	1-216-845-11 CHIP	100K	5%	1/16W	R713	1-218-703-11 METAL CHIP	3.0K	0.5%	1/16W
• R425	1-216-821-71 CHIP	1K	5%	1/16W	R714	1-216-827-11 CHIP	3.3K	5%	1/16W
• R426	1-216-821-71 CHIP	1K	5%	1/16W	R715	1-216-848-11 CHIP	180K	5%	1/16W
• R427	1-216-821-71 CHIP	1K	5%	1/16W	R716	1-218-729-11 METAL CHIP	36K	0.5%	1/16W
• R428	1-216-821-71 CHIP	1K	5%	1/16W	R717	1-216-809-11 CHIP	100	5%	1/16W
R429	1-216-809-11 CHIP	100	5%	1/16W	R718	1-216-849-11 CHIP	220K	5%	1/16W
R430	1-216-809-11 CHIP	100	5%	1/16W	R719	1-216-853-11 CHIP	470K	5%	1/16W
R444	1-216-797-11 CHIP	10	5%	1/16W	R720	1-216-853-11 CHIP	470K	5%	1/16W
R445	1-216-813-11 CHIP	220	5%	1/16W	R723	1-216-839-11 CHIP	33K	5%	1/16W
R446	1-216-828-11 CHIP	2.7K	5%	1/16W	R725	1-216-841-11 CHIP	47K	5%	1/16W
• R447	1-216-833-71 CHIP	10K	5%	1/16W	R726	1-218-729-11 METAL CHIP	36K	0.5%	1/16W
R501	1-216-825-11 CHIP	2.2K	5%	1/16W	R727	1-216-835-11 CHIP	15K	5%	1/16W
R502	1-216-825-11 CHIP	2.2K	5%	1/16W	R728	1-218-703-11 METAL CHIP	3.0K	0.5%	1/16W
R503	1-216-039-00 CHIP	390	5%	1/10W	R731	1-218-696-11 METAL CHIP	1.5K	0.5%	1/16W
R504	1-216-039-00 CHIP	390	5%	1/10W	R732	1-216-835-11 CHIP	15K	5%	1/16W
R505	1-216-039-00 CHIP	390	5%	1/10W	• R733	1-216-845-11 CHIP	100K	5%	1/16W
• R510	1-216-821-71 CHIP	1K	5%	1/16W	R734	1-216-823-11 CHIP	1.5K	5%	1/16W
• R511	1-216-821-71 CHIP	1K	5%	1/16W	R735	1-216-864-11 CONDUCTOR, CHIP			
• R512	1-216-821-71 CHIP	1K	5%	1/16W	R736	1-216-841-11 CHIP	47K	5%	1/16W
R515	1-216-089-91 CHIP	47K	5%	1/10W	R737	1-216-837-11 CHIP	22K	5%	1/16W
R516	1-218-292-11 CHIP	20K	5%	1/16W	R738	1-218-707-11 CHIP	4.3K	5%	1/16W
R517	1-218-285-11 CHIP	75	5%	1/16W	R739	1-216-822-11 CHIP	1.2K	5%	1/16W
R518	1-218-285-11 CHIP	75	5%	1/16W	• R740	1-216-821-71 CHIP	1K	5%	1/16W

PU-18 (-11/-21)

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 >

- * 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

< VARIABLE RESISTOR >

RV703 1-223-588-11 RES. ADJ. CARBON 47K

< SWITCH >

- * S301 1-570-953-21 PUSH SWITCH (1KEY)

< VIBRATOR >

X101 1-760-566-21 VIBRATOR, CRYSTAL (67.73MHz)
X201 1-760-567-21 VIBRATOR, CRYSTAL (53.69MHz)

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)		* C215	1-164-156-11	CERAMIC CHIP	0.1uF 25V
		*****		* C216	1-164-156-11	CERAMIC CHIP	0.1uF 25V
*	3-973-812-01	COVER, PUSH SWITCH		* C217	1-164-156-11	CERAMIC CHIP	0.1uF 25V
		< CAPACITOR >		* C218	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C100	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C219	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C101	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C220	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C102	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C221	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C103	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	* C222	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C104	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C223	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C105	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C224	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C106	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C225	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C108	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C226	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C109	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C227	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C110	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C228	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C111	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C231	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
* C112	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C232	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
* C113	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C235	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
* C114	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C237	1-216-884-11	CONDUCTOR, CHIP	*
C117	1-164-232-11	CERAMIC	0.01uF 10% 50V	C238	1-164-232-11	CERAMIC	0.01uF 10% 50V
C124	1-115-156-11	CERAMIC	1uF 10V	C239	1-163-275-11	CERAMIC	1000PF 5% 50V
* C125	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C240	1-164-232-11	CERAMIC	0.01uF 10% 50V
* C126	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C241	1-164-232-11	CERAMIC	0.01uF 10% 50V
* C127	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C242	1-164-232-11	CERAMIC	0.01uF 10% 50V
* C128	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C243	1-164-232-11	CERAMIC	0.01uF 10% 50V
* C129	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	* C244	1-162-927-71	CERAMIC CHIP	100PF 5% 50V
* C130	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	* C245	1-162-927-71	CERAMIC CHIP	100PF 5% 50V
* C131	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	* C301	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V
* C132	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C304	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C133	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C305	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C134	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C306	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C135	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C307	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C136	1-164-232-11	CERAMIC	0.01uF 10% 50V	* C310	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C137	1-163-275-11	CERAMIC	1000PF 5% 50V	* C314	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C138	1-164-232-11	CERAMIC	0.01uF 10% 50V	* C315	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C139	1-164-232-11	CERAMIC	0.01uF 10% 50V	C316	1-164-232-11	CERAMIC	0.01uF 10% 50V
C140	1-164-232-11	CERAMIC	0.01uF 10% 50V	C319	1-115-156-11	CERAMIC	1uF 10V
* C144	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C323	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C145	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	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	* C401	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C205	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C402	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C206	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C403	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C208	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* C405	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C209	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C406	1-128-004-11	ELECT CHIP	10uF 20% 16V
* C210	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C407	1-128-004-11	ELECT CHIP	10uF 20% 16V
* C211	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	* C408	1-164-156-11	CERAMIC CHIP	0.1uF 25V
* C212	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C423	1-128-004-11	ELECT CHIP	10uF 20% 16V
* C213	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C424	1-128-004-11	ELECT CHIP	10uF 20% 16V
* C214	1-164-156-11	CERAMIC CHIP	0.1uF 25V	* 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			Ref. No.	Part No.	Description	Remark		
C445	1-164-232-11	CERAMIC	0.01uF	10%	50V	• C716	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C501	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V	C719	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C502	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	C720	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
• C504	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C722	1-164-730-11	CERAMIC CHIP	1200PF	10%	50V
• C505	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C723	1-164-730-11	CERAMIC CHIP	1200PF	10%	50V
• C506	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C724	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
• C507	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C725	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C508	1-126-205-11	ELECT	47uF	20%	6.3V	C726	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
• C509	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C728	1-162-926-11	CERAMIC CHIP	82PF	5%	50V
• C510	1-164-156-11	CERAMIC CHIP	0.1uF		25V	• C729	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C511	1-128-004-11	ELECT CHIP	10uF	20%	16V	C731	1-128-004-11	ELECT CHIP	10uF	20%	16V
• C512	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C734	1-128-004-11	ELECT CHIP	10uF	20%	16V
C513	1-126-206-11	ELECT	100uF	20%	6.3V	• C735	1-162-927-71	CERAMIC CHIP	100PF	5%	50V
C518	1-126-246-11	ELECT	220uF	20%	4V	C736	1-104-847-11	TANTLUM CHIP	22uF	20%	4V
C519	1-128-004-11	ELECT CHIP	10uF	20%	16V	C737	1-104-847-11	TANTLUM CHIP	22uF	20%	4V
C522	1-126-246-11	ELECT	220uF	20%	4V	C738	1-126-205-11	ELECT	47uF	20%	6.3V
C523	1-164-460-11	CERAMIC CHIP	62PF	5%	50V	• C739	1-162-964-11	CERAMIC CHIP	1000PF	10%	50V
• C524	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C740	1-104-847-11	TANTLUM CHIP	22uF	20%	4V
C527	1-126-246-11	ELECT	220uF	20%	4V	C741	1-104-847-11	TANTLUM CHIP	22uF	20%	4V
C528	1-126-246-11	ELECT	220uF	20%	4V	C742	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
• C529	1-162-927-71	CERAMIC CHIP	100PF	5%	50V	• C743	1-164-156-11	CERAMIC CHIP	0.1uF		25V
• C530	1-162-927-71	CERAMIC CHIP	100PF	5%	50V	• C744	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C601	1-126-204-11	ELECT	47uF	20%	16V	C745	1-128-004-11	ELECT CHIP	10uF	20%	16V
C602	1-126-246-11	ELECT	220uF	20%	4V	• C746	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C605	1-126-204-11	ELECT	47uF	20%	16V	• C748	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C606	1-164-232-11	CERAMIC	0.01uF	10%	50V	• C754	1-164-156-11	CERAMIC CHIP	0.1uF		25V
• C607	1-164-156-11	CERAMIC CHIP	0.1uF		25V	• C755	1-164-156-11	CERAMIC CHIP	0.1uF		25V
• C608	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C756	1-124-778-00	ELECT	22uF	20%	6.3V
C609	1-164-232-11	CERAMIC	0.01uF	10%	50V	C761	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C611	1-128-004-11	ELECT CHIP	10uF	20%	16V	• C762	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C615	1-104-851-11	TANTLUM CHIP	10uF	20%	10V	• C763	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C616	1-124-778-00	ELECT	22uF	20%	6.3V	• C764	1-162-927-71	CERAMIC CHIP	100PF	5%	50V
C617	1-104-908-11	TANTLUM CHIP	47uF	20%	4V	< CONNECTOR >					
• C620	1-162-964-11	CERAMIC CHIP	1000PF	10%	50V	CN102	1-770-305-11	CONNECTOR, FFC/FPC (LIF(NON-ZIF))	10P		
C621	1-115-156-11	CERAMIC	1uF		10V	• CN103	1-770-129-11	CONNECTOR, SQUARE 68P			
• C622	1-162-964-11	CERAMIC CHIP	1000PF	10%	50V	• CN104	1-779-028-11	CONNECTOR, SQUARE 8P			
C624	1-128-004-11	ELECT CHIP	10uF	20%	16V	• CN502	1-779-029-11	CONNECTOR, SQUARE 12P			
C625	1-164-232-11	CERAMIC	0.01uF	10%	50V	CN602	1-766-278-11	PIN, CONNECTOR (PC BOARD)	5P		
C626	1-164-232-11	CERAMIC	0.01uF	10%	50V	CN701 1-573-290-21 PIN, CONNECTOR (1.5mm) (SMD) 4P					
• C701	1-164-156-11	CERAMIC CHIP	0.1uF		25V	CN702	1-779-071-21	CONNECTOR, FFC/FPC (LIF(NON-ZIF))	16P		
• C702	1-164-156-11	CERAMIC CHIP	0.1uF		25V	< DIODE >					
C703	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D101	8-719-036-80	DIODE	RD3.9SB-T1		
C704	1-162-967-11	CERAMIC CHIP	3300PF	10%	50V	D102	8-719-036-80	DIODE	RD3.9SB-T1		
C705	1-126-191-11	ELECT	0.47uF	20%	50V	D103	8-719-036-80	DIODE	RD3.9SB-T1		
• C706	1-162-927-71	CERAMIC CHIP	100PF	5%	50V	D104	8-719-036-80	DIODE	RD3.9SB-T1		
C707	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	D105	8-719-036-80	DIODE	RD3.9SB-T1		
C708	1-162-965-11	CERAMIC CHIP	1500PF	10%	50V	D106	8-719-036-80	DIODE	RD3.9SB-T1		
C709	1-164-174-11	CERAMIC CHIP	8200PF	10%	25V	D107	8-719-036-80	DIODE	RD3.9SB-T1		
C711	1-135-149-21	TANTLUM CHIP	2.2uF	20%	6.3V	D108	8-719-036-80	DIODE	RD3.9SB-T1		
C712	1-164-730-11	CERAMIC CHIP	1200PF	10%	50V	D109	8-719-036-80	DIODE	RD3.9SB-T1		
C713	1-164-730-11	CERAMIC CHIP	1200PF	10%	50V	D110	8-719-036-80	DIODE	RD3.9SB-T1		
C714	1-162-968-11	CERAMIC CHIP	4700PF	10%	50V						
C715	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V						

PU-18 (-31/-41)

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D111	8-719-036-80	DIODE	RD3.9SB-T1	FL130	1-216-027-00	CHIP	120
D112	8-719-036-80	DIODE	RD3.9SB-T1	• FL141	1-216-029-00	CHIP	5% 1/10W
D114	8-719-036-80	DIODE	RD3.9SB-T1	• FL142	1-216-029-00	CHIP	150
D118	8-719-423-30	DIODE	MA8120-TX	• FL143	1-216-029-00	CHIP	5% 1/10W
D119	8-719-423-30	DIODE	MA8120-TX	• FL144	1-216-029-00	CHIP	150
D401	8-719-941-09	DIODE	DAP202U	FL146	1-216-027-00	CHIP	120
D406	8-719-036-80	DIODE	RD3.9SB-T1	• FL147	1-216-029-00	CHIP	5% 1/10W
D407	8-719-036-80	DIODE	RD3.9SB-T1	• FL148	1-216-029-00	CHIP	150
D408	8-719-036-80	DIODE	RD3.9SB-T1	• FL159	1-216-029-00	CHIP	5% 1/10W
D409	8-719-036-80	DIODE	RD3.9SB-T1	• FL160	1-216-029-00	CHIP	150
D501	8-719-423-30	DIODE	MA8120-TX	FL170	1-216-027-00	CHIP	120
D502	8-719-423-30	DIODE	MA8120-TX	• FL171	1-216-029-00	CHIP	5% 1/10W
D503	8-719-423-30	DIODE	MA8120-TX	• FL172	1-216-029-00	CHIP	150
D504	8-719-423-30	DIODE	MA8120-TX	FL173	1-500-113-11	BEAD, FERRITE(CHIP)	5% 1/10W
D505	8-719-423-30	DIODE	MA8120-TX	< IC >			
D506	8-719-423-30	DIODE	MA8120-TX	• IC102	8-759-458-06	IC	MSM534031C-31GS-KPR2
D507	8-719-423-30	DIODE	MA8120-TX	• IC103	8-759-387-16	IC	CXD8606Q
D509	8-719-423-30	DIODE	MA8120-TX	• IC106	8-759-377-18	IC	TC51V18325BJ-60S(YE)
D510	8-719-423-30	DIODE	MA8120-TX	IC201	8-759-369-81	IC	KM4132G271Q-12
D511	8-719-423-30	DIODE	MA8120-TX	• IC202	8-759-440-92	IC	TDA8771AH/C1/R1.518
< FERRITE BEAD >				• IC203	8-759-366-69	IC	CXD8561Q
FB102	1-500-104-21	BEAD, FERRITE (SMD)		• IC303	8-752-386-16	IC	CXK5V8257BTM-10LL-T6
FB104	1-500-104-21	BEAD, FERRITE (SMD)		• IC304	8-759-458-08	IC	MC68HC05GG-SC430925PBE3
FB105	1-216-176-11	CHIP	120	IC305	8-752-377-68	IC	CXD1815Q
FB401	1-500-113-11	BEAD, FERRITE(CHIP)		• IC308	8-752-380-05	IC	CXD2925Q
FB402	1-500-113-11	BEAD, FERRITE(CHIP)		IC310	8-759-177-00	IC	HMS14260ALJ8Z
FB501	1-414-235-11	BEAD, FERRITE (SMD)		• IC402	8-759-445-70	IC	AK4309A-VM-E2
FB502	1-500-113-11	BEAD, FERRITE(CHIP)		IC501	8-752-068-43	IC	CXA1645M
FB601	1-414-235-11	BEAD, FERRITE (SMD)		IC601	8-759-284-63	IC	TA78M05F (TE16L)
FB701	1-500-449-21	BEAD, FERRITE (SMD)		IC701	8-752-379-23	IC	CXD2545Q
FB702	1-500-449-21	BEAD, FERRITE (SMD)		IC702	8-759-701-01	IC	NJM2904M
FB703	1-500-449-21	BEAD, FERRITE (SMD)		IC703	8-752-069-29	IC	CXA1791N
FB704	1-500-449-21	BEAD, FERRITE (SMD)		• IC704	8-759-455-91	IC	BA6392FP-E2
< BEAD, FERRITE >				• IC706	8-759-452-25	IC	uPC5023GR-118-GJG-E2
< INDUCTOR >				• IC708	8-759-344-00	IC	NJM2100E (TE2)
FL101	1-414-235-11	BEAD, FERRITE (SMD)		L101	1-412-052-21	INDUCTOR	1uH
FL102	1-414-235-11	BEAD, FERRITE (SMD)		L102	1-412-052-21	INDUCTOR	1uH
FL103	1-414-235-11	BEAD, FERRITE (SMD)		L104	1-412-052-21	INDUCTOR	1uH
FL104	1-414-235-11	BEAD, FERRITE (SMD)		L105	1-412-052-21	INDUCTOR	1uH
FL105	1-550-907-21	BEAD, FERRITE(CHIP)		L106	1-412-052-21	INDUCTOR	1uH
FL106	1-550-907-21	BEAD, FERRITE(CHIP)		L110	1-412-052-21	INDUCTOR	1uH
FL107	1-500-113-11	BEAD, FERRITE(CHIP)		L111	1-412-052-21	INDUCTOR	1uH
FL108	1-500-113-11	BEAD, FERRITE(CHIP)		L303	1-412-951-11	INDUCTOR	10uH
FL109	1-500-113-11	BEAD, FERRITE(CHIP)		L304	1-412-951-11	INDUCTOR	10uH
FL110	1-500-113-11	BEAD, FERRITE(CHIP)		L401	1-412-951-11	INDUCTOR	10uH
FL111	1-500-113-11	BEAD, FERRITE(CHIP)		L507	1-412-957-11	INDUCTOR	33uH
FL112	1-500-113-11	BEAD, FERRITE(CHIP)		L601	1-412-052-21	INDUCTOR	1uH
• FL113	1-216-029-00	CHIP	150	• FL117	1-216-029-00	CHIP	0.22uH
FL116	1-216-027-00	CHIP	120	FL118	1-216-029-00	CHIP	5.6uH
• FL117	1-216-029-00	CHIP	150	• FL129	1-216-029-00	CHIP	1uH
• FL118	1-216-029-00	CHIP	150				
• FL129	1-216-029-00	CHIP	150				

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
L607	1-412-052-21	INDUCTOR	1uH	• R132	1-216-821-71	CHIP	1K 5% 1/16W
L701	1-412-951-11	INDUCTOR	10uH	• R133	1-216-821-71	CHIP	1K 5% 1/16W
L711	1-412-951-11	INDUCTOR	10uH	• R134	1-216-821-71	CHIP	1K 5% 1/16W
< IC LINK >							
△PS601	1-576-123-21	LINK, IC		R135	1-216-817-11	CHIP	470 5% 1/16W
△PS602	1-576-123-21	LINK, IC		R136	1-216-817-11	CHIP	470 5% 1/16W
△PS603	1-576-123-21	LINK, IC		R137	1-216-805-11	CHIP	47 5% 1/16W
△PS604	1-533-282-21	LINK, IC		R138	1-216-805-11	CHIP	47 5% 1/16W
△PS605	1-576-259-11	LINK, IC		R139	1-216-817-11	CHIP	470 5% 1/16W
< TRANSISTOR >							
Q101	8-729-900-53	TRANSISTOR	DTC114EK	R140	1-216-817-11	CHIP	470 5% 1/16W
Q102	8-729-900-53	TRANSISTOR	DTC114EK	R141	1-216-817-11	CHIP	470 5% 1/16W
Q103	8-729-900-53	TRANSISTOR	DTC114EK	R142	1-216-817-11	CHIP	470 5% 1/16W
Q104	8-729-900-53	TRANSISTOR	DTC114EK	• R143	1-216-801-71	CHIP	22 5% 1/16W
Q401	8-729-027-59	TRANSISTOR	DTC144EKA-T146	• R144	1-216-801-71	CHIP	22 5% 1/16W
Q402	8-729-027-38	TRANSISTOR	DTA144EKA-T146	• R145	1-216-801-71	CHIP	22 5% 1/16W
Q403	8-729-921-72	TRANSISTOR	2SD1781K-R	• R146	1-216-821-71	CHIP	1K 5% 1/16W
Q404	8-729-921-72	TRANSISTOR	2SD1781K-R	• R147	1-216-801-71	CHIP	22 5% 1/16W
Q501	8-729-026-48	TRANSISTOR	2SA1037AK-T146-Q	• R148	1-216-821-71	CHIP	1K 5% 1/16W
Q502	8-729-026-48	TRANSISTOR	2SA1037AK-T146-Q	• R149	1-414-482-21	INDUCTOR (CHIP)	82nH
Q503	8-729-026-48	TRANSISTOR	2SA1037AK-T146-Q	R150	1-216-805-11	CHIP	47 5% 1/16W
Q505	8-729-120-28	TRANSISTOR	2SC1623-L5L6	• R152	1-216-801-71	CHIP	22 5% 1/16W
Q506	8-729-141-48	TRANSISTOR	2SB624-BV345	• R153	1-216-801-71	CHIP	22 5% 1/16W
Q609	8-729-141-48	TRANSISTOR	2SB624-BV345	R154	1-216-815-11	CHIP	330 5% 1/16W
Q610	8-729-120-28	TRANSISTOR	2SC1623-L5L6	• R155	1-216-833-11	CHIP	10K 5% 1/16W
Q611	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R201	1-216-831-11	CHIP	6.8K 5% 1/16W *
Q701	8-729-903-46	TRANSISTOR	2SB1132-P	R202	1-550-907-21	BEAD, FERRITE(CHIP)	
Q702	8-729-027-56	TRANSISTOR	DTC143TKA-T146	R204	1-216-813-11	CHIP	220 5% 1/16W
< RESISTOR >							
R103	1-216-813-11	CHIP	220 5% 1/16W	• R206	1-216-801-71	CHIP	22 5% 1/16W
• R104	1-216-801-71	CHIP	22 5% 1/16W	R207	1-216-829-11	CHIP	4.7K 5% 1/16W
R107	1-216-009-00	CHIP	22 5% 1/10W	• R208	1-216-801-71	CHIP	22 5% 1/16W
R108	1-216-809-11	CHIP	100 5% 1/16W	• R209	1-216-801-71	CHIP	22 5% 1/16W
R109	1-216-809-11	CHIP	100 5% 1/16W	• R210	1-216-801-71	CHIP	22 5% 1/16W
R110	1-216-809-11	CHIP	100 5% 1/16W	• R211	1-216-801-71	CHIP	22 5% 1/16W
• R111	1-216-801-71	CHIP	22 5% 1/16W	• R212	1-216-801-71	CHIP	22 5% 1/16W
• R112	1-216-801-71	CHIP	22 5% 1/16W	• R213	1-216-801-71	CHIP	22 5% 1/16W
• R113	1-216-801-71	CHIP	22 5% 1/16W	• R214	1-216-801-71	CHIP	22 5% 1/16W
• R114	1-216-801-71	CHIP	22 5% 1/16W	R215	1-216-829-11	CHIP	4.7K 5% 1/16W
• R115	1-216-801-71	CHIP	22 5% 1/16W	R217	1-216-864-11	CONDUCTOR, CHIP	
• R122	1-216-801-71	CHIP	22 5% 1/16W	• R301	1-216-833-11	CHIP	10K 5% 1/16W
• R123	1-216-801-71	CHIP	22 5% 1/16W	• R302	1-216-833-11	CHIP	10K 5% 1/16W
• R124	1-216-801-71	CHIP	22 5% 1/16W	• R303	1-216-821-71	CHIP	1K 5% 1/16W
• R125	1-216-801-71	CHIP	22 5% 1/16W	• R304	1-216-821-71	CHIP	1K 5% 1/16W
• R126	1-216-801-71	CHIP	22 5% 1/16W	• R305	1-216-821-71	CHIP	1K 5% 1/16W
• R127	1-216-801-71	CHIP	22 5% 1/16W	R320	1-216-285-11	CHIP	75 5% 1/16W
• R128	1-216-801-71	CHIP	22 5% 1/16W	• R323	1-216-821-71	CHIP	1K 5% 1/16W
• R129	1-216-801-71	CHIP	22 5% 1/16W	• R324	1-216-821-71	CHIP	1K 5% 1/16W
• R130	1-216-833-11	CHIP	10K 5% 1/16W	• R325	1-216-821-71	CHIP	1K 5% 1/16W
• R131	1-216-833-11	CHIP	10K 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

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.
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PU-18 (-31/-41)

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
• R340	1-216-801-71 CHIP	22	5% 1/16W	R709	1-216-849-11 CHIP	220K	5% 1/16W
• R341	1-216-801-71 CHIP	22	5% 1/16W	• R710	1-216-833-11 CHIP	10K	5% 1/16W
• R342	1-216-801-71 CHIP	22	5% 1/16W	R711	1-216-852-11 CHIP	390K	5% 1/16W
R423	1-216-845-11 CHIP	100K	5% 1/16W	R712	1-216-827-11 CHIP	3.3K	5% 1/16W
R424	1-216-845-11 CHIP	100K	5% 1/16W	R713	1-218-703-11 METAL CHIP	3.0K	0.5% 1/16W
• R425	1-216-821-71 CHIP	1K	5% 1/16W	R714	1-216-827-11 CHIP	3.3K	5% 1/16W
• R426	1-216-821-71 CHIP	1K	5% 1/16W	R715	1-216-848-11 CHIP	180K	5% 1/16W
• R427	1-216-821-71 CHIP	1K	5% 1/16W	R716	1-218-729-11 METAL CHIP	36K	0.5% 1/16W
• R428	1-216-821-71 CHIP	1K	5% 1/16W	R717	1-216-809-11 CHIP	100	5% 1/16W
R429	1-216-809-11 CHIP	100	5% 1/16W	R718	1-216-849-11 CHIP	220K	5% 1/16W
R430	1-216-809-11 CHIP	100	5% 1/16W	R719	1-216-853-11 CHIP	470K	5% 1/16W
R444	1-216-797-11 CHIP	10	5% 1/16W	R720	1-216-853-11 CHIP	470K	5% 1/16W
R445	1-216-813-11 CHIP	220	5% 1/16W	R723	1-216-839-11 CHIP	33K	5% 1/16W
R446	1-216-826-11 CHIP	2.7K	5% 1/16W	R725	1-216-841-11 CHIP	47K	5% 1/16W
• R447	1-216-833-11 CHIP	10K	5% 1/16W	R726	1-218-729-11 METAL CHIP	36K	0.5% 1/16W
R501	1-216-825-11 CHIP	2.2K	5% 1/16W	R727	1-216-835-11 CHIP	15K	5% 1/16W
R502	1-216-825-11 CHIP	2.2K	5% 1/16W	R728	1-218-703-11 METAL CHIP	3.0K	0.5% 1/16W
R503	1-216-039-00 CHIP	390	5% 1/10W *	R731	1-218-696-11 METAL CHIP	1.5K	0.5% 1/16W
R504	1-216-039-00 CHIP	390	5% 1/10W *	R732	1-216-835-11 CHIP	15K	5% 1/16W
R505	1-216-039-00 CHIP	390	5% 1/10W *	R733	1-216-845-11 CHIP	100K	5% 1/16W
• R510	1-216-821-71 CHIP	1K	5% 1/16W	R734	1-216-823-11 CHIP	1.5K	5% 1/16W
• R511	1-216-821-71 CHIP	1K	5% 1/16W	R735	1-216-864-11 CONDUCTOR CHIP		
• R512	1-216-821-71 CHIP	1K	5% 1/16W	R736	1-216-841-11 CHIP	47K	5% 1/16W
R515	1-216-089-91 CHIP	47K	5% 1/10W	R737	1-216-837-11 CHIP	22K	5% 1/16W
R516	1-218-292-11 CHIP	20K	5% 1/16W	R738	1-218-707-11 CHIP	4.3K	5% 1/16W
R517	1-218-285-11 CHIP	75	5% 1/16W	R739	1-216-822-11 CHIP	1.2K	5% 1/16W
R518	1-218-285-11 CHIP	75	5% 1/16W	• R740	1-216-821-71 CHIP	1K	5% 1/16W
R519	1-218-285-11 CHIP	75	5% 1/16W	R741	1-216-840-11 CHIP	39K	5% 1/16W
R520	1-218-285-11 CHIP	75	5% 1/16W	R745	1-218-883-11 CHIP	33K	0.5% 1/16W
R521	1-218-285-11 CHIP	75	5% 1/16W	R746	1-218-883-11 CHIP	33K	0.5% 1/16W
R522	1-218-285-11 CHIP	75	5% 1/16W	R747	1-216-009-00 CHIP	22	5% 1/10W
R527	1-216-079-00 CHIP	18K	5% 1/10W	R748	1-218-903-11 CHIP	220K	0.5% 1/16W
R528	1-216-049-91 CHIP	1K	5% 1/10W	R749	1-218-903-11 CHIP	220K	0.5% 1/16W
R529	1-216-067-00 CHIP	5.6K	5% 1/10W	R750	1-216-009-00 CHIP	22	5% 1/10W
R530	1-216-304-11 CHIP	3.3	5% 1/10W	• R765	1-216-833-11 CHIP	10K	5% 1/16W
R541	1-216-045-00 CHIP	680	5% 1/10W *	R769	1-218-286-11 CHIP	91	5% 1/16W
R542	1-216-045-00 CHIP	680	5% 1/10W *	• R770	1-216-833-11 CHIP	10K	5% 1/16W
R543	1-216-045-00 CHIP	680	5% 1/10W *	R771	1-216-840-11 CHIP	39K	5% 1/16W
R601	1-216-864-11 CONDUCTOR CHIP			• R772	1-216-833-11 CHIP	10K	5% 1/16W
R602	1-216-864-11 CONDUCTOR CHIP			R773	1-216-845-11 CHIP	100K	5% 1/16W
• R606	1-216-821-71 CHIP	1K	5% 1/16W	R774	1-216-829-11 CHIP	4.7K	5% 1/16W
R615	1-216-053-00 CHIP	1.5K	5% 1/10W	R775	1-216-840-11 CHIP	39K	5% 1/16W
R616	1-216-062-00 CHIP	3.6K	5% 1/10W	< NETWORK RESISTOR >			
R617	1-216-057-00 CHIP	2.2K	5% 1/10W	• RB111	1-233-813-21 NETWORK 150		
R618	1-216-051-00 CHIP	1.2K	5% 1/10W	• RB112	1-233-813-21 NETWORK 150		
R701	1-216-829-11 CHIP	4.7K	5% 1/16W	• RB113	1-233-813-21 NETWORK 150		
R702	1-216-835-11 CHIP	15K	5% 1/16W	• RB114	1-233-813-21 NETWORK 150		
R703	1-216-844-11 CHIP	82K	5% 1/16W	• RB115	1-233-813-21 NETWORK 150		
• R704	1-216-833-11 CHIP	10K	5% 1/16W	• RB116	1-233-813-21 NETWORK 150		
R705	1-216-845-11 CHIP	100K	5% 1/16W	• RB117	1-233-813-21 NETWORK 150		
R706	1-216-853-11 CHIP	470K	5% 1/16W	• RB118	1-233-813-21 NETWORK 150		
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
< VARIABLE RESISTOR >			
RV703	1-223-588-11	RES. ADJ. CARBON 47K	
< SWITCH >			
*	S301	1-570-953-21 PUSH SWITCH (1KEY)	
< VIBRATOR >			
X101	1-760-566-21	VIBRATOR, CRYSTAL (67.73MHz)	
X201	1-760-567-21	VIBRATOR, CRYSTAL (53.69MHz)	

PU-18 (-52/-62)

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

PU-18 (-52-62)

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark				
• C401	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C625	1-163-021-11	CERAMIC	0.01uF 10% 50V				
• C402	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C626	1-163-021-11	CERAMIC	0.01uF 10% 50V				
• C403	1-164-156-11	CERAMIC CHIP	0.1uF 25V	• C701	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
• C404	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	• C702	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
• C405	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C703	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V				
C406	1-128-004-11	ELECT CHIP	10uF 20% 16V	C704	1-162-967-11	CERAMIC CHIP	3300PF 10% 50V				
C407	1-128-004-11	ELECT CHIP	10uF 20% 16V	C705	1-126-191-11	ELECT	0.47uF 20% 50V				
• C408	1-164-156-11	CERAMIC CHIP	0.1uF 25V	• C706	1-162-927-71	CERAMIC CHIP	100PF 5% 50V				
C423	1-128-004-11	ELECT CHIP	10uF 20% 16V	C707	1-164-227-11	CERAMIC CHIP	0.022uF 10% 25V				
C424	1-128-004-11	ELECT CHIP	10uF 20% 16V	C708	1-162-965-11	CERAMIC CHIP	1500PF 10% 50V				
• C432	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C709	1-164-174-11	CERAMIC CHIP	8200PF 10% 25V				
C443	1-124-778-00	ELECT	22uF 20% 6.3V	C711	1-135-099-91	TANTLUM CHIP	2.2uF 20% 6.3V				
C444	1-163-021-11	CERAMIC	0.01uF 10% 50V	C712	1-164-730-11	CERAMIC CHIP	1200PF 10% 50V				
C445	1-163-021-11	CERAMIC	0.01uF 10% 50V	C713	1-164-730-11	CERAMIC CHIP	1200PF 10% 50V				
C501	1-162-910-11	CERAMIC CHIP	5PF 0.25PF 50V	C714	1-162-968-11	CERAMIC CHIP	4700PF 10% 50V				
C502	1-162-923-11	CERAMIC CHIP	47PF 5% 50V	C715	1-165-176-11	CERAMIC CHIP	0.047uF 10% 16V				
• C504	1-164-156-11	CERAMIC CHIP	0.1uF 25V	• C716	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
• C505	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C719	1-165-176-11	CERAMIC CHIP	0.047uF 10% 16V				
• C506	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C720	1-162-962-11	CERAMIC CHIP	470PF 10% 50V				
• C507	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C722	1-164-730-11	CERAMIC CHIP	1200PF 10% 50V				
C508	1-126-205-11	ELECT	47uF 20% 6.3V	C723	1-164-730-11	CERAMIC CHIP	1200PF 10% 50V				
• C509	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C724	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V				
• C510	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C725	1-162-962-11	CERAMIC CHIP	470PF 10% 50V				
C511	1-128-004-11	ELECT CHIP	10uF 20% 16V	C726	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V				
• C512	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C728	1-162-926-11	CERAMIC CHIP	82PF 5% 50V				
C513	1-126-206-11	ELECT	100uF 20% 6.3V	• C729	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C518	1-126-210-21	ELECT	220uF 20% 4V	C731	1-128-004-11	ELECT CHIP	10uF 20% 16V				
C519	1-128-004-11	ELECT CHIP	10uF 20% 16V	C734	1-128-004-11	ELECT CHIP	10uF 20% 16V				
C522	1-126-210-21	ELECT	220uF 20% 4V	• C735	1-162-927-71	CERAMIC CHIP	100PF 5% 50V				
C523	1-164-381-91	CERAMIC CHIP	62PF 5% 50V	C736	1-104-847-11	TANTLUM CHIP	22uF 20% 4V				
(5500/5501/5503)											
C523	1-162-922-91	CERAMIC CHIP	39PF 5% 50V (5502)	C737	1-104-847-11	TANTLUM CHIP	22uF 20% 4V				
• C524	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C738	1-126-205-11	ELECT	47uF 20% 6.3V				
C527	1-126-210-21	ELECT	220uF 20% 4V	• C739	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V				
C528	1-126-210-21	ELECT	220uF 20% 4V	C740	1-104-847-11	TANTLUM CHIP	22uF 20% 4V				
• C529	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C741	1-104-847-11	TANTLUM CHIP	22uF 20% 4V				
• C530	1-162-927-71	CERAMIC CHIP	100PF 5% 50V	C742	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V				
C601	1-126-204-11	ELECT	47uF 20% 16V	• C743	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C602	1-126-210-21	ELECT	220uF 20% 4V	• C744	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C605	1-126-204-11	ELECT	47uF 20% 16V	C745	1-128-004-11	ELECT CHIP	10uF 20% 16V				
C606	1-163-021-11	CERAMIC	0.01uF 10% 50V	• C746	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
• C607	1-164-156-11	CERAMIC CHIP	0.1uF 25V	• C748	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
• C608	1-164-156-11	CERAMIC CHIP	0.1uF 25V	• C754	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C609	1-163-021-11	CERAMIC	0.01uF 10% 50V	• C755	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C611	1-128-004-11	ELECT CHIP	10uF 20% 16V	C756	1-124-778-00	ELECT	22uF 20% 6.3V				
C615	1-104-851-11	TANTLUM CHIP	10uF 20% 10V	C761	1-165-176-11	CERAMIC CHIP	0.047uF 10% 16V				
C616	1-124-778-00	ELECT	22uF 20% 6.3V	• C762	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C617	1-104-908-11	TANTLUM CHIP	47uF 20% 4V	• C763	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
• C620	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	• C764	1-162-927-71	CERAMIC CHIP	100PF 5% 50V				
C621	1-115-156-11	CERAMIC	1uF 10V	< CONNECTOR >							
• C622	1-162-964-11	CERAMIC CHIP	1000PF 10% 50V	CN102	1-770-305-11	CONNECTOR, FFC/FPC (LIF(NON-ZIF))	10P (5500)				
C624	1-128-004-11	ELECT CHIP	10uF 20% 16V	CN102	1-778-622-21	CONNECTOR, FFC/FPC (LIF(NON-ZIF))	10P (5501/5502/5503)				

PU-18 (-52/-62)

Ref. No.	Part No.	Description	Remark
• IC304	8-759-458-08	IC MC68HC05G6PB-SC430925PBEB	(5500/5503)
• IC304	8-759-469-65	IC MC68HC05G6-SC430929PBEB1	(5502)
• IC304	8-759-469-70	IC MC68HC05G6-SC430930PBEB1	(5501)
IC305	8-752-377-68	IC CXD1815Q	
• IC308	8-752-380-05	IC CXD2925Q	
IC310	8-759-342-01	IC MB814260-70PJER	
• IC402	8-759-445-70	IC AX4309A-VM-E2	
IC501	8-752-068-44	IC CXA1645M-T6	
IC601	8-759-284-63	IC TA78M05F (TE16L)	
IC701	8-752-369-78	IC CXD2545Q	
IC702	8-759-330-83	IC NJM2904M (TE2)	
IC703	8-752-070-80	IC CXA1791N-T4	
• 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
L607	1-412-052-21	INDUCTOR	1uH
L701	1-412-951-11	INDUCTOR	10uH
L711	1-412-951-11	INDUCTOR	10uH

< IC LINK >

△PS601	1-533-808-21	LINK, IC	(5500)
△PS601	1-576-123-21	LINK, IC	(5501/5502/5503)
△PS602	1-533-808-21	LINK, IC	(5500)
△PS602	1-576-123-21	LINK, IC	(5501/5502/5503)
△PS603	1-533-808-21	LINK, IC	(5500)
△PS603	1-576-123-21	LINK, IC	(5501/5502/5503)
△PS604	1-533-397-21	LINK, IC	(5500)
△PS604	1-533-282-21	LINK, IC	(5501/5502/5503)
△PS605	1-533-915-21	LINK, IC	(5500)
△PS605	1-576-259-21	LINK, IC	(5501/5502/5503)

< TRANSISTOR >

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

Ref. No. Part No. Description Remark

Q401	8-729-027-59	TRANSISTOR	DTC144EKA-T146
Q402	8-729-027-38	TRANSISTOR	DTA144EKA-T146
Q403	8-729-921-78	TRANSISTOR	2SD1781K-T146-R
Q404	8-729-921-78	TRANSISTOR	2SD1781K-T146-R
Q501	8-729-026-48	TRANSISTOR	2SA1037AK-T146-Q
Q502	8-729-026-48	TRANSISTOR	2SA1037AK-T146-Q
Q503	8-729-026-48	TRANSISTOR	2SA1037AK-T146-Q
Q505	8-729-901-80	TRANSISTOR	2SC2412K-T-96-Q
Q506	8-729-141-50	TRANSISTOR	2SB624T1-BV345
Q609	8-729-141-50	TRANSISTOR	2SB624T1-BV345
Q610	8-729-901-80	TRANSISTOR	2SC2412K-T-96-Q
Q611	8-729-901-80	TRANSISTOR	2SC2412K-T-96-Q
Q701	8-729-920-79	TRANSISTOR	2SB1132-T100-QR
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	1-216-833-11	CHIP	10K	5%	1/16W
• R131	1-216-833-11	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

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.

PU-18 (-52/-62)

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark		
* R148	1-216-821-71 CHIP	1K	5%	1/16W	R445	1-216-813-11 CHIP	220	5%	1/16W
* R149	1-414-482-21 INDUCTOR (CHIP)	82uH		R446	1-216-826-11 CHIP	2.7K	5%	1/16W	
R150	1-216-805-11 CHIP	47	5%	1/16W	* R447	1-216-833-11 CHIP	10K	5%	1/16W
* R152	1-216-801-71 CHIP	22	5%	1/16W	R501	1-216-825-11 CHIP	2.2K	5%	1/16W
* R153	1-216-801-71 CHIP	22	5%	1/16W	R502	1-216-825-11 CHIP	2.2K	5%	1/16W
R154	1-216-815-11 CHIP	330	5%	1/16W	* R503	1-216-039-91 CHIP	390		
* R155	1-216-833-11 CHIP	10K	5%	1/16W	* R503	1-216-029-91 CHIP	150	5%	(5500/5502)
R201	1-216-831-91 CHIP	6.8K		(5500/5502)	* R504	1-216-039-91 CHIP	390		(5501/5503)
R201	1-216-819-91 CHIP	680	5%	1/16W	* R504	1-216-029-91 CHIP	150	5%	(5500/5502)
R202	1-550-907-21 BEAD, FERRITE(CHIP)			(5501/5503)	* R505	1-216-039-91 CHIP	390		(5501/5503)
R204	1-216-813-11 CHIP	220	5%	1/16W	* R505	1-216-029-91 CHIP	150	5%	1/10W
* R206	1-216-801-71 CHIP	22	5%	1/16W	* R505	1-216-029-91 CHIP	150	5%	(5501/5503)
R207	1-216-829-11 CHIP	4.7K	5%	1/16W	* R510	1-216-821-71 CHIP	1K	5%	1/16W
* R208	1-216-801-71 CHIP	22	5%	1/16W	* R511	1-216-821-71 CHIP	1K	5%	1/16W
* R209	1-216-801-71 CHIP	22	5%	1/16W	* R512	1-216-821-71 CHIP	1K	5%	1/16W
* R210	1-216-801-71 CHIP	22	5%	1/16W	R515	1-216-089-91 CHIP	47K	5%	1/10W
* R211	1-216-801-71 CHIP	22	5%	1/16W	R516	1-218-292-91 CHIP	20K	5%	1/16W
* R212	1-216-801-71 CHIP	22	5%	1/16W	R516	1-218-876-91 CHIP	16K	0.5%	(5502)
* R213	1-216-801-71 CHIP	22	5%	1/16W	R517	1-218-285-11 CHIP	75	5%	1/16W
* R214	1-216-801-71 CHIP	22	5%	1/16W	R518	1-218-285-11 CHIP	75	5%	1/16W
R215	1-216-829-11 CHIP	4.7K	5%	1/16W	R519	1-218-285-11 CHIP	75	5%	1/16W
R217	1-216-864-11 CONDUCTOR, CHIP				R520	1-218-285-11 CHIP	75	5%	1/16W
* R301	1-216-833-11 CHIP	10K	5%	1/16W	R521	1-218-285-11 CHIP	75	5%	1/16W
* R302	1-216-833-11 CHIP	10K	5%	1/16W	R522	1-218-285-11 CHIP	75	5%	1/16W
* R303	1-216-821-71 CHIP	1K	5%	1/16W	R527	1-216-079-00 CHIP	18K	5%	1/10W
* R304	1-216-821-71 CHIP	1K	5%	1/16W	R528	1-216-049-91 CHIP	1K	5%	1/10W
* R305	1-216-821-71 CHIP	1K	5%	1/16W	R529	1-216-067-00 CHIP	5.6K	5%	1/10W
R320	1-218-285-11 CHIP	75	5%	1/16W	R530	1-216-304-11 CHIP	3.3	5%	1/10W
* R323	1-216-821-71 CHIP	1K	5%	1/16W	R541	1-216-045-91 CHIP	680	5%	(5500/5502)
* R324	1-216-821-71 CHIP	1K	5%	1/16W	R541	1-216-295-91 CONDUCTOR, CHIP			(5501/5503)
* R325	1-216-821-71 CHIP	1K	5%	1/16W	R542	1-216-045-91 CHIP	680	5%	1/10W
* R328	1-216-833-11 CHIP	10K	5%	1/16W					(5500/5502)
* R330	1-216-833-11 CHIP	10K	5%	1/16W	R542	1-216-295-91 CONDUCTOR, CHIP			(5501/5503)
R331	1-216-813-11 CHIP	220	5%	1/16W	R543	1-216-045-91 CHIP	680	5%	1/10W
R332	1-550-907-21 BEAD, FERRITE(CHIP)				R543	1-216-295-91 CONDUCTOR, CHIP			(5500/5502)
* R335	1-216-801-71 CHIP	22	5%	1/16W	R602	1-216-864-11 CONDUCTOR, CHIP			(5501/5503)
R338	1-216-830-11 CHIP	5.6K	5%	1/16W	* R606	1-216-821-71 CHIP	1K	5%	1/16W
* R339	1-216-821-71 CHIP	1K	5%	1/16W	R615	1-216-053-00 CHIP	1.5K	5%	1/10W
* R340	1-216-801-71 CHIP	22	5%	1/16W	R616	1-216-062-00 CHIP	3.6K	5%	1/10W
* R341	1-216-801-71 CHIP	22	5%	1/16W	R617	1-216-057-00 CHIP	2.2K	5%	1/10W
* R342	1-216-801-71 CHIP	22	5%	1/16W	R618	1-216-051-00 CHIP	1.2K	5%	1/10W
R423	1-216-845-11 CHIP	100K	5%	1/16W	R701	1-216-829-11 CHIP	4.7K	5%	1/16W
R424	1-216-845-11 CHIP	100K	5%	1/16W	R702	1-216-835-11 CHIP	15K	5%	1/16W
* R425	1-216-821-71 CHIP	1K	5%	1/16W	R703	1-216-844-11 CHIP	82K	5%	1/16W
* R426	1-216-821-71 CHIP	1K	5%	1/16W	* R704	1-216-833-11 CHIP	10K	5%	1/16W
* R427	1-216-821-71 CHIP	1K	5%	1/16W	R705	1-216-845-11 CHIP	100K	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	Ref. No.	Part No.	Description		Remark
R706	1-216-853-11 CHIP	470K	5%	1/16W			< NETWORK RESISTOR >		
R707	1-218-696-11 METAL CHIP	1.5K	0.5%	1/16W	• RB111	1-233-813-21	NETWORK 150		
R708	1-216-841-11 CHIP	47K	5%	1/16W	• RB112	1-233-813-21	NETWORK 150		
R709	1-216-849-11 CHIP	220K	5%	1/16W	• RB113	1-233-813-21	NETWORK 150		
* R710	1-216-833-11 CHIP	10K	5%	1/16W	• RB114	1-233-813-21	NETWORK 150		
R711	1-216-852-11 CHIP	390K	5%	1/16W	• RB115	1-233-813-21	NETWORK 150		
R712	1-216-827-11 CHIP	3.3K	5%	1/16W	• RB116	1-233-813-21	NETWORK 150		
R713	1-218-703-11 METAL CHIP	3.0K	0.5%	1/16W	• RB117	1-233-813-21	NETWORK 150		
R714	1-216-827-11 CHIP	3.3K	5%	1/16W	• RB118	1-233-813-21	NETWORK 150		
R715	1-216-848-11 CHIP	180K	5%	1/16W			< VARIABLE RESISTOR >		
R716	1-218-729-11 METAL CHIP	36K	0.5%	1/16W	RV703	1-223-588-11	RES. ADJ. CARBON 47K		
R717	1-216-809-11 CHIP	100	5%	1/16W			< SWITCH >		
R718	1-216-849-11 CHIP	220K	5%	1/16W	* S301	1-570-953-21	PUSH SWITCH (1KEY)		
R719	1-216-853-11 CHIP	470K	5%	1/16W			< VIBRATOR >		
R720	1-216-853-11 CHIP	470K	5%	1/16W	X101	1-760-566-22	VIBRATOR, CRYSTAL (67.73MHz)		
R723	1-216-839-11 CHIP	33K	5%	1/16W	X201	1-760-567-21	VIBRATOR, CRYSTAL (53.69MHz) (5500/5501/5503)		
R725	1-216-841-11 CHIP	47K	5%	1/16W	X201	1-760-568-21	VIBRATOR, CRYSTAL (53.20MHz) (5502)		
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					
* 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				(5500)				
R902	1-216-864-91 CONDUCTOR, CHIP				(5501)				
R903	1-216-864-91 CONDUCTOR, CHIP				(5502)				
R907	1-216-864-91 CONDUCTOR, CHIP				(5503)				

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
• 3-973-812-01	COVER, PUSH SWITCH			• C203	1-164-156-11 CERAMIC CHIP	0.1uF	25V
	< CAPACITOR >			• C204	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C100	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C205	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C101	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C206	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C102	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C208	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C103	1-162-927-71 CERAMIC CHIP	100PF	5% 50V	• C209	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C104	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C210	1-164-156-11 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	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C108	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C213	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C109	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C214	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C110	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C215	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C111	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C216	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C112	1-164-156-11 CERAMIC CHIP	0.1uF	25V	• C217	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C113	1-164-156-11 CERAMIC CHIP	0.1uF	25V	• C218	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C114	1-164-156-11 CERAMIC CHIP	0.1uF	25V	• C219	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C115	1-162-970-11 CERAMIC CHIP	0.01uF	10% 25V	• C220	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C116	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C221	1-164-156-11 CERAMIC CHIP	0.1uF	25V
C117	1-164-232-11 CERAMIC	0.01uF	10% 50V	• C222	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C118	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C223	1-164-156-11 CERAMIC CHIP	0.1uF	25V
C119	1-162-970-11 CERAMIC CHIP	0.01uF	10% 25V	• C224	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C120	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C225	1-164-156-11 CERAMIC CHIP	0.1uF	25V
C121	1-162-970-11 CERAMIC CHIP	0.01uF	10% 25V	• C226	1-164-156-11 CERAMIC CHIP	0.1uF	25V
C122	1-162-970-11 CERAMIC CHIP	0.01uF	10% 25V	• C227	1-164-156-11 CERAMIC CHIP	0.1uF	25V
C123	1-162-970-11 CERAMIC CHIP	0.01uF	10% 25V	• C228	1-164-156-11 CERAMIC CHIP	0.1uF	25V
C124	1-115-156-11 CERAMIC	1uF	10V	• C231	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V
• C125	1-162-927-71 CERAMIC CHIP	100PF	5% 50V	• C232	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V
• C126	1-162-927-71 CERAMIC CHIP	100PF	5% 50V	• C235	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V
• C127	1-162-927-71 CERAMIC CHIP	100PF	5% 50V	• C237	1-164-156-11 CERAMIC CHIP	0.1uF	25V #
• C128	1-162-927-71 CERAMIC CHIP	100PF	5% 50V	• C238	1-164-232-11 CERAMIC	0.01uF	10% 50V
• C129	1-162-927-71 CERAMIC CHIP	100PF	5% 50V	• C239	1-163-275-11 CERAMIC	1000PF	5% 50V
• C130	1-162-927-71 CERAMIC CHIP	100PF	5% 50V	C240	1-164-232-11 CERAMIC	0.01uF	10% 50V
• C131	1-162-927-71 CERAMIC CHIP	100PF	5% 50V	C241	1-164-232-11 CERAMIC	0.01uF	10% 50V
• C132	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	C242	1-164-232-11 CERAMIC	0.01uF	10% 50V
• C133	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	C243	1-164-232-11 CERAMIC	0.01uF	10% 50V
• C134	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C244	1-162-927-71 CERAMIC CHIP	100PF	5% 50V
• C135	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C245	1-162-927-71 CERAMIC CHIP	100PF	5% 50V
C136	1-164-232-11 CERAMIC	0.01uF	10% 50V	• C301	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V
C137	1-163-275-11 CERAMIC	1000PF	5% 50V	C302	1-162-970-11 CERAMIC CHIP	0.1uF	10% 25V
C138	1-164-232-11 CERAMIC	0.01uF	10% 50V	• C304	1-164-156-11 CERAMIC CHIP	0.1uF	25V
C139	1-164-232-11 CERAMIC	0.01uF	10% 50V	• C305	1-164-156-11 CERAMIC CHIP	0.1uF	25V
C140	1-164-232-11 CERAMIC	0.01uF	10% 50V	• C306	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C144	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C307	1-164-156-11 CERAMIC CHIP	0.1uF	25V
• C145	1-162-964-11 CERAMIC CHIP	1000PF	10% 50V	• C310	1-164-156-11 CERAMIC CHIP	0.1uF	25V
C155	1-162-970-11 CERAMIC CHIP	0.01uF	10% 25V	• C314	1-164-156-11 CERAMIC CHIP	0.1uF	25V
C157	1-162-970-11 CERAMIC CHIP	0.01uF	10% 25V	• C315	1-164-156-11 CERAMIC CHIP	0.1uF	25V
C158	1-162-970-11 CERAMIC CHIP	0.01uF	10% 25V	C316	1-164-232-11 CERAMIC	0.01uF	10% 50V
				• C323	1-164-156-11 CERAMIC CHIP	0.1uF	25V
				C324	1-115-156-11 CERAMIC	1uF	10V

Ref. No.	Part No.	Description	Remark		Ref. No.	Part No.	Description	Remark		
C325	1-126-205-11	ELECT	47uF	20%	6. 3V	• C620	1-162-964-11	CERAMIC CHIP	1000PF	10% 50V
• C326	1-164-156-11	CERAMIC CHIP	0.1uF	25V	C621	1-115-156-11	CERAMIC	1uF	10% 50V	
C327	1-115-156-11	CERAMIC	1uF	10V	• C622	1-162-964-11	CERAMIC CHIP	1000PF	10% 50V	
C333	1-115-156-11	CERAMIC	1uF	10V	C624	1-128-004-11	ELECT CHIP	10uF	20% 16V	
• C401	1-164-156-11	CERAMIC CHIP	0.1uF	25V	C625	1-164-232-11	CERAMIC	0.01uF	10% 50V	
• C402	1-164-156-11	CERAMIC CHIP	0.1uF	25V	C626	1-164-232-11	CERAMIC	0.01uF	10% 50V	
• C403	1-164-156-11	CERAMIC CHIP	0.1uF	25V	• C701	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
• C404	1-162-964-11	CERAMIC CHIP	1000PF	10%	50V	• C702	1-164-156-11	CERAMIC CHIP	0.1uF	25V
• C405	1-164-156-11	CERAMIC CHIP	0.1uF	25V	C703	1-162-970-11	CERAMIC CHIP	0.01uF	10% 25V	
C406	1-128-004-11	ELECT CHIP	10uF	20%	16V	C704	1-162-967-11	CERAMIC CHIP	3300PF	10% 50V
C407	1-128-004-11	ELECT CHIP	10uF	20%	16V	C705	1-126-191-11	ELECT	0.47uF	20% 50V
• C408	1-164-156-11	CERAMIC CHIP	0.1uF	25V	• C706	1-162-927-71	CERAMIC CHIP	100PF	5% 50V	
C423	1-128-004-11	ELECT CHIP	10uF	20%	16V	C707	1-164-227-11	CERAMIC CHIP	0.022uF	10% 25V
C424	1-128-004-11	ELECT CHIP	10uF	20%	16V	C708	1-162-965-11	CERAMIC CHIP	1500PF	10% 50V
• C432	1-164-156-11	CERAMIC CHIP	0.1uF	25V	C709	1-164-174-11	CERAMIC CHIP	8200PF	10% 25V	
C443	1-124-778-00	ELECT	22uF	20%	6. 3V	C711	1-135-149-21	TANTLUM CHIP	2.2uF	20% 6.3V
C444	1-164-232-11	CERAMIC	0.01uF	10%	50V	C712	1-164-730-11	CERAMIC CHIP	1200PF	10% 50V
C445	1-164-232-11	CERAMIC	0.01uF	10%	50V	C713	1-164-730-11	CERAMIC CHIP	1200PF	10% 50V
C501	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V	C714	1-162-968-11	CERAMIC CHIP	4700PF	10% 50V
C502	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	C715	1-165-176-11	CERAMIC CHIP	0.047uF	10% 16V
• C504	1-164-156-11	CERAMIC CHIP	0.1uF	25V	• C716	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
• C505	1-164-156-11	CERAMIC CHIP	0.1uF	25V	C719	1-165-176-11	CERAMIC CHIP	0.047uF	10% 16V	
• C506	1-164-156-11	CERAMIC CHIP	0.1uF	25V	C720	1-162-962-11	CERAMIC CHIP	470PF	10% 50V	
• C507	1-164-156-11	CERAMIC CHIP	0.1uF	25V	C722	1-164-730-11	CERAMIC CHIP	1200PF	10% 50V	
C508	1-126-205-11	ELECT	47uF	20%	6. 3V	C723	1-164-730-11	CERAMIC CHIP	1200PF	10% 50V
• C509	1-164-156-11	CERAMIC CHIP	0.1uF	25V	C724	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V	
• C510	1-164-156-11	CERAMIC CHIP	0.1uF	25V	C725	1-162-962-11	CERAMIC CHIP	470PF	10% 50V	
C511	1-128-004-11	ELECT CHIP	10uF	20%	16V	C726	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V
• C512	1-164-156-11	CERAMIC CHIP	0.1uF	25V	C728	1-162-926-11	CERAMIC CHIP	82PF	5% 50V	
C513	1-126-206-11	ELECT	100uF	20%	6. 3V	• C729	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C518	1-126-246-11	ELECT	220uF	20%	4V	C731	1-128-004-11	ELECT CHIP	10uF	20% 16V
C519	1-128-004-11	ELECT CHIP	10uF	20%	16V	C734	1-128-004-11	ELECT CHIP	10uF	20% 16V
C522	1-126-246-11	ELECT	220uF	20%	4V	• C735	1-162-927-71	CERAMIC CHIP	100PF	5% 50V
C523	1-164-460-11	CERAMIC CHIP	62PF	5%	50V	C736	1-104-847-11	TANTLUM CHIP	22uF	20% 4V
			(5500/5501/5503)			C737	1-104-847-11	TANTLUM CHIP	22uF	20% 4V
C523	1-162-922-91	CERAMIC CHIP	39PF	5%	50V					
			(5502)			C738	1-126-205-11	ELECT	47uF	20% 6.3V
• C524	1-164-156-11	CERAMIC CHIP	0.1uF	25V	• C739	1-162-964-11	CERAMIC CHIP	1000PF	10% 50V	
C527	1-126-246-11	ELECT	220uF	20%	4V	C740	1-104-847-11	TANTLUM CHIP	22uF	20% 4V
C528	1-126-246-11	ELECT	220uF	20%	4V	C741	1-104-847-11	TANTLUM CHIP	22uF	20% 4V
• C529	1-162-927-71	CERAMIC CHIP	100PF	5%	50V	C742	1-107-826-11	CERAMIC CHIP	0.1uF	10% 16V
• C530	1-162-927-71	CERAMIC CHIP	100PF	5%	50V	• C743	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C601	1-126-204-11	ELECT	47uF	20%	16V	• C744	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C602	1-126-246-11	ELECT	220uF	20%	4V	C745	1-128-004-11	ELECT CHIP	10uF	20% 16V
C605	1-126-204-11	ELECT	47uF	20%	16V	• C746	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C606	1-164-232-11	CERAMIC	0.01uF	10%	50V	• C748	1-164-156-11	CERAMIC CHIP	0.1uF	25V
• C607	1-164-156-11	CERAMIC CHIP	0.1uF	25V	• C754	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
• C608	1-164-156-11	CERAMIC CHIP	0.1uF	25V	• C755	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C609	1-164-232-11	CERAMIC	0.01uF	10%	50V	C756	1-124-778-00	ELECT	22uF	20% 6.3V
C611	1-128-004-11	ELECT CHIP	10uF	20%	16V	C761	1-165-176-11	CERAMIC CHIP	0.047uF	10% 16V
C615	1-104-851-11	TANTLUM CHIP	10uF	20%	10V	• C762	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C616	1-124-778-00	ELECT	22uF	20%	6. 3V	• C763	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C617	1-104-908-11	TANTLUM CHIP	47uF	20%	4V	• C764	1-162-927-71	CERAMIC CHIP	100PF	5% 50V

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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
< BEAD, FERRITE >			
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)	
< IC >			
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 KOM4132G271Q-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 mark Δ are critical for safety. Replace only with part number specified.

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

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R154	1-216-815-11 CHIP	330	5% 1/16W	• R504	1-216-029-00 CHIP	150	5% 1/10W *
• R155	1-216-833-11 CHIP	10K	5% 1/16W	• R505	1-216-029-00 CHIP	150	5% 1/10W *
R168	1-216-295-91 CONDUCTOR, CHIP			• R510	1-216-821-71 CHIP	1K	5% 1/16W
R169	1-216-285-91 CONDUCTOR, CHIP			• R511	1-216-821-71 CHIP	1K	5% 1/16W
R201	1-216-819-91 CHIP	680	5% 1/16W *	• R512	1-216-821-71 CHIP	1K	5% 1/16W
R202	1-550-907-21 BEAD, FERRITE(CHIP)			R515	1-216-089-91 CHIP	47K	5% 1/10W
R204	1-216-813-11 CHIP	220	5% 1/16W	R516	1-218-292-11 CHIP	20K	5% 1/16W (5500/5501/5503)
• R206	1-216-801-71 CHIP	22	5% 1/16W	R516	1-218-876-91 CHIP	16K	0.5% 1/16W (5502)
R207	1-216-829-11 CHIP	4.7K	5% 1/16W	R517	1-218-285-11 CHIP	75	5% 1/16W
• R208	1-216-801-71 CHIP	22	5% 1/16W	R518	1-218-285-11 CHIP	75	5% 1/16W
• R209	1-216-801-71 CHIP	22	5% 1/16W	R519	1-218-285-11 CHIP	75	5% 1/16W
• R210	1-216-801-71 CHIP	22	5% 1/16W	R520	1-218-285-11 CHIP	75	5% 1/16W
• R211	1-216-801-71 CHIP	22	5% 1/16W	R521	1-218-285-11 CHIP	75	5% 1/16W
• R212	1-216-801-71 CHIP	22	5% 1/16W	R522	1-218-285-11 CHIP	75	5% 1/16W
• R213	1-216-801-71 CHIP	22	5% 1/16W	R527	1-216-079-00 CHIP	18K	5% 1/10W
• R214	1-216-801-71 CHIP	22	5% 1/16W	R528	1-216-049-91 CHIP	1K	5% 1/10W
R215	1-216-829-11 CHIP	4.7K	5% 1/16W	R529	1-216-067-00 CHIP	5.6K	5% 1/10W
R217	1-216-864-11 CONDUCTOR, CHIP			R530	1-216-304-11 CHIP	3.3	5% 1/10W
• R301	1-216-833-11 CHIP	10K	5% 1/16W	R541	1-216-295-91 CONDUCTOR, CHIP		*
• R302	1-216-833-11 CHIP	10K	5% 1/16W	R542	1-216-295-91 CONDUCTOR, CHIP		*
• R303	1-216-821-71 CHIP	1K	5% 1/16W	R543	1-216-295-91 CONDUCTOR, CHIP		*
• R304	1-216-821-71 CHIP	1K	5% 1/16W	R602	1-216-864-11 CONDUCTOR, CHIP		*
• R305	1-216-821-71 CHIP	1K	5% 1/16W	• R606	1-216-821-71 CHIP	1K	5% 1/16W
R320	1-218-285-11 CHIP	75	5% 1/16W	R615	1-216-053-00 CHIP	1.5K	5% 1/10W
• R323	1-216-821-71 CHIP	1K	5% 1/16W	R616	1-216-062-00 CHIP	3.6K	5% 1/10W
• R324	1-216-821-71 CHIP	1K	5% 1/16W	R617	1-216-057-00 CHIP	2.2K	5% 1/10W
• R325	1-216-821-71 CHIP	1K	5% 1/16W	R618	1-216-051-00 CHIP	1.2K	5% 1/10W
• R328	1-216-833-11 CHIP	10K	5% 1/16W	R701	1-216-829-11 CHIP	4.7K	5% 1/16W
• R330	1-216-833-11 CHIP	10K	5% 1/16W	R702	1-216-835-11 CHIP	15K	5% 1/16W
R331	1-216-813-11 CHIP	220	5% 1/16W	R703	1-216-844-11 CHIP	82K	5% 1/16W
R332	1-216-295-91 CONDUCTOR, CHIP			• R704	1-216-833-11 CHIP	10K	5% 1/16W
• R335	1-216-801-71 CHIP	22	5% 1/16W	R705	1-216-845-11 CHIP	100K	5% 1/16W
R338	1-216-830-11 CHIP	5.6K	5% 1/16W	R706	1-216-853-11 CHIP	470K	5% 1/16W
• R339	1-216-821-71 CHIP	1K	5% 1/16W	R707	1-218-696-11 METAL CHIP	1.5K	0.5% 1/16W
• R340	1-216-801-71 CHIP	22	5% 1/16W	R708	1-216-841-11 CHIP	47K	5% 1/16W
• R341	1-216-801-71 CHIP	22	5% 1/16W	R709	1-216-849-11 CHIP	220K	5% 1/16W
• R342	1-216-801-71 CHIP	22	5% 1/16W	• R710	1-216-833-11 CHIP	10K	5% 1/16W
R423	1-216-845-11 CHIP	100K	5% 1/16W	R711	1-216-852-11 CHIP	390K	5% 1/16W
R424	1-216-845-11 CHIP	100K	5% 1/16W	R712	1-216-827-11 CHIP	3.3K	5% 1/16W
• R425	1-216-821-71 CHIP	1K	5% 1/16W	R713	1-218-703-11 METAL CHIP	3.0K	0.5% 1/16W
• R426	1-216-821-71 CHIP	1K	5% 1/16W	R714	1-216-827-11 CHIP	3.3K	5% 1/16W
• R427	1-216-821-71 CHIP	1K	5% 1/16W	R715	1-216-848-11 CHIP	180K	5% 1/16W
• R428	1-216-821-71 CHIP	1K	5% 1/16W	R716	1-218-729-11 METAL CHIP	36K	0.5% 1/16W
R429	1-216-809-11 CHIP	100	5% 1/16W	R717	1-216-809-11 CHIP	100	5% 1/16W
R430	1-216-809-11 CHIP	100	5% 1/16W	R718	1-216-849-11 CHIP	220K	5% 1/16W
R443	1-216-295-91 CONDUCTOR, CHIP			R719	1-216-853-11 CHIP	470K	5% 1/16W
R444	1-216-797-11 CHIP	10	5% 1/16W	R720	1-216-853-11 CHIP	470K	5% 1/16W
R445	1-216-813-11 CHIP	220	5% 1/16W	R723	1-216-839-11 CHIP	33K	5% 1/16W
R446	1-216-826-11 CHIP	2.7K	5% 1/16W	R725	1-216-841-11 CHIP	47K	5% 1/16W
• R447	1-216-833-11 CHIP	10K	5% 1/16W	R726	1-218-729-11 METAL CHIP	36K	0.5% 1/16W
R501	1-216-825-11 CHIP	2.2K	5% 1/16W	R727	1-216-835-11 CHIP	15K	5% 1/16W
R502	1-216-825-11 CHIP	2.2K	5% 1/16W				
• R503	1-216-029-00 CHIP	150	5% 1/10W *				

PU-18 (-72/-82)

POWER BLOCK

Ref. No.	Part No.	Description	Remark
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
R777	1-216-864-11	CONDUCTOR, CHIP	
R778	1-216-864-11	CONDUCTOR, CHIP	
R780	1-216-864-11	CONDUCTOR, CHIP	
< 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	
< VARIABLE RESISTOR >			
RV703	1-223-588-11	RES, ADJ, CARBON 47K	
< SWITCH >			
• S301	1-570-953-21	PUSH SWITCH (1KEY)	
< VIBRATOR >			
X101	1-760-566-21	VIBRATOR, CRYSTAL (67.73MHz)	
X201	1-760-567-21	VIBRATOR, CRYSTAL (53.59MHz)	
		(5500/5501/5503)	
X201	1-760-568-21	VIBRATOR, CRYSTAL (53.20MHz) (5502)	

Ref. No.	Part No.	Description	Remark
Δ	1-468-176-11	POWER BLOCK	(5500) *****
< CAPACITOR >			
ΔC001	FILM	0.1uF 125V	ECQE1A104SKF
ΔC003	ELECT	100uF 200V	ECADHG101
ΔC004	CERAMIC	220PF 1KV	ECKR3A221KBP
ΔC005	FILM	0.1uF 50V	ECQV1H104JL
ΔC007	CERAMIC	1000PF 250V	250E102M
ΔC008	FILM	4700PF 50V	ECQB1H472JF
ΔC009	FILM	6800PF 50V	ECQB1H682KF
ΔC010	CERAMIC	4700PF 250V	HRR2R472K
ΔC013	FILM	2200PF 50V	ECQB1H222JF
ΔC102	ELECT	560uF 25V	EEUFC1E561
ΔC103	ELECT	560uF 25V	EEUFC1E561
ΔC104	ELECT	220uF 25V	EEUFC1E221
ΔC105	ELECT	330uF 25V	EEUFC1E331
ΔC106	FILM	0.022uF 50V	ECQB1H223KF
ΔC107	ELECT	1uF 50V	ECEA1HU010
< CONNECTOR >			
ΔCN001	AC INLET	250V	2.5A ACMD8PG39
ΔCN101	CONNECTOR	EH5	85B-EH-FT
< DIODE >			
ΔD001	DIODE	400V 1A	ERA15-04
ΔD002	DIODE	400V 1A	ERA15-04
ΔD003	DIODE	400V 1A	ERA15-04
ΔD004	DIODE	400V 1A	ERA15-04
ΔD006	DIODE	80V 0.15A	MA165
ΔD007	DIODE	80V 0.15A	MA165
ΔD009	DIODE	80V 0.15A	MA165
ΔD011	DIODE	800V 0.5A	ERA22-08
ΔD101	DIODE	30V 3A	31DQ03L
ΔD102	DIODE	40V 3A	SB340
< FUSE >			
ΔF101	FUSE	250V 2A	232002V2
< IC >			
ΔIC101	IC		W51957BL
< INDUCTOR >			
ΔL001	FILTER CHOKE	26mH 0.4A	ELF15N004A
ΔL101	CHOKE	3.3uH 2.5A	3R3N
ΔL102	CHOKE	3.3uH 2.5A	3R3N
< PHOTOCOUPLED >			
ΔPC001	PHOTOCOUPLER	PC	PS2501-1
< DIODE >			
ΔPD101	LED	90mW 30mA	LNJ301MPUJA

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.

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 EVMEA01B52

< 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

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POWER BLOCK

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark									
△	1-468-218-11	POWER BLOCK *****			(5501)	< TRANSISTOR >														
< CAPACITOR >																				
△C001	FILM	0.1uF	275V	MKP20104M		△Q001	FET	40W	500V	2SK2125										
△C003	ELECT	100uF	200V	ECA2DHG101		△Q002	TRANSISTOR	0.3W	20V	2SD1450										
△C004	CERAMIC	220PF	1KV	ECKRJA221KBP		△Q101	TRANSISTOR	0.3W	50V	2SC3311A										
△C005	FILM	0.1uF	50V	ECQV1H104JL		△Q102	TRANSISTOR	0.3W	50V	2SC3311A										
△C007	CERAMIC	1000PF	250V	KH102M		△Q103	TRANSISTOR	0.3W	50V	2SA1309A										
△C008	FILM	4700PF	50V	ECQB1H472JF		△Q104	TRANSISTOR	0.3W	50V	UN421D										
△C009	FILM	6800PF	50V	ECQB1H682KF		< RESISTOR >														
△C010	CERAMIC	4700PF	250V	HRR2R472K		△R001	CARBON	1M	0.5W	ERDS1TJ105										
△C013	FILM	2200PF	50V	ECQB1H222JF		△R002	CARBON	6.8M	0.5W	ERC12UGK685										
△C102	ELECT	560uF	25V	EEUFC1E561		△R003	CARBON	180K	0.25W	ERDS2TJ184										
△C103	ELECT	560uF	25V	EEUFC1E561		△R004	METAL OXIDE	220	1W	ERGISJ221										
△C104	ELECT	220uF	25V	EEUFC1E221		△R005	CARBON	150K	0.25W	ERDS2TJ154										
△C105	ELECT	330uF	25V	EEUFC1E331		△R006	CARBON	220	0.5W	ERDS1TJ221										
△C106	FILM	0.022uF	50V	ECQB1H223KF		△R007	CARBON	15K	0.25W	ERDS2TJ153										
△C107	ELECT	1uF	50V	ECEA1HU010		△R008	METAL	13.7K	0.25W	EROS2TKF1372										
< CONNECTOR >																				
△CN001	AC INLET		250V	2.5A	ACM09PG41	△R009	CARBON	33	0.25W	ERDS2TJ330										
△CN101	CONNECTOR	EH5		B5B-EH-TV4		△R010	CARBON	220	0.25W	ERDS2TJ221										
< DIODE >																				
△D001	DIODE	400V	1A	ERA15-04	△R011	CARBON	150K	0.5W	ERDS1TJ154											
△D002	DIODE	400V	1A	ERA15-04	△R012	CARBON	68	0.5W	ERDS1TJ680											
△D003	DIODE	400V	1A	ERA15-04	△R013	CARBON	47	0.25W	ERDS2TJ470											
△D004	DIODE	400V	1A	ERA15-04	△R014	CARBON	1.8K	0.25W	ERDS2TJ182											
△D006	DIODE	80V	0.15A	MA165	△R015	CARBON	3.9K	0.25W	ERDS2TJ392											
△D007	DIODE	80V	0.15A	MA165	△R016	CARBON	2.2K	0.25W	ERDS2TJ222											
△D009	DIODE	80V	0.15A	MA165	△R017	CARBON	120	0.25W	ERDS2TJ121											
△D011	DIODE	800V	0.5A	ERA22-08	△R018	CARBON	220	0.25W	ERDS2TJ221											
△D101	DIODE	30V	3A	31DQ03L	△R019	CARBON	330	0.5W	ERDS1TJ331											
△D102	DIODE	40V	3A	SB340	△R020	CARBON	1.5K	0.25W	ERDS2TJ152											
< FUSE >																				
△F001	FUSE	250V	2A	239 2A	△R021	CARBON	15	0.25W	ERDS2TJ150											
< IC >																				
△IC101	IC			M51957BL	△R022	CARBON	180	0.25W	ERDS2TJ181											
< INDUCTOR >																				
△L001	FILTER CHOKE	26mH	0.4A	ELF15N004A	△R023	METAL	13.3K	0.25W	EROS2TKF1332											
△L101	CHOKE	3.3uH	2.5A	3R3N	△R024	METAL	10K	0.25W	EROS2TKF1002											
△L102	CHOKE	3.3uH	2.5A	3R3N	△R025	CARBON	130	0.25W	ERDS2TJ131											
< PHOTOCOUPLED >																				
△PC001	OPTOISOLATOR	PC		PS2501-1	△R026	CARBON	47	0.25W	ERDS2TJ470											
< DIODE >																				
△PD101	LED	90mW	30mA	LNJ301MPUJA	△SW101	SWITCH	12V	3A	SLASBB03 (POWER)											
< TRANSFORMER >																				
△T001	TRANSFORMER				△SW102	SWITCH	12V	3A	ESE2086 (RESET)											
< VARIABLE RESISTOR >																				
△VR101	RES. ADJ.	CARBON	500	0.3W	ETB29KL115#	△T002	TRANSFORMER													
< DIODE >																				
△ZD001	ZENER		4.7V	0.4W	MA4047	△VR102	RES. ADJ.	CARBON	500	0.3W	EVMEA01B52									
△ZD101	ZENER		5.6V	0.4W	MA4056	△T003	TRANSFORMER													
△ZD102	ZENER		5.1V	0.5W	RDS1EB	△VR103	ZENER													
△ZD103	ZENER		12V	0.5W	RD12EB	△T004	TRANSFORMER													

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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	SP	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	MA16S
△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

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POWER BLOCK

Ref. No.	Part No.	Description			Remark
< COIL >					
△L101	LINE FILTER				SS10V-05180
△L201	CHOKE	10uH			
△L202	CHOKE	10uH			
< LED >					
△LED201	LED	30mA	HLMF-D505#2UK		
< PHOTO COUPLER >					
△PC101	PHOTO COUPLER				ON3131
< TRANSISTOR >					
△Q101	TRANSISTOR	450V	3A	FS3KM-9	
△Q201	TRANSISTOR	50V	0.15A	2SC2412K	
△Q202	TRANSISTOR	50V	0.1A	DTC114EK	
< RESISTOR >					
△R101	CARBON	1M	1/2W		
△R102	CARBON	56K	1/4W		
△R103	CARBON	56K	1/4W		
△R105	CARBON	100K	1/2W		
△R106	METAL	1	1W	MOS1	
△R107	CARBON	330	1/4W F		
△R108	CHIP	10K	1/10W		
△R109	CHIP	470	1/10W		
△R110	CHIP (ADJ)		1/10W		
△R116	CARBON	220	1/4W		
△R117	CHIP	6.8K	1/10W		
△R118	CARBON	22	1/4W		
△R119	METAL OXIDE	100	1W	ERG1S	
△R120	SOLID	6.8M	1/2W	ERC12UG	
△R201	CARBON	330	1/2W		
△R202	CARBON	22	1/4W		
△R203	CARBON	120	1/4W		
△R204	CHIP (ADJ)	470	1/10W		
△R205	CHIP	1K	1/10W		
△R206	CHIP	10K	1/10W		
△R207	CHIP	1K	1/10W		
△R208	CHIP	4.7K	1/10W		
△R209	CHIP	3.3K	1/10W		
△R210	CHIP	1K	1/10W		
△R212	CHIP	1K	1/10W		
△R213	CHIP	10K	1/10W		
△R215	CARBON	120	1/4W		
△R217	CHIP	1K	1/10W		
< SWITCH >					
△SW201	SWITCH				SL-ASBB03
△SW202	SWITCH				

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	Ref. No.	Part No.	Description			Remark	
△	1-468-218-31	POWER BLOCK			(5501)			< COIL >				
		*****				△L001	COIL	22mH	0.4A	LF-4D-E223		
	HEAT SINK	LM40791				△L101	COIL	10uH	1.9A	TSL0709RA100K1R9		
	SCREW	NACPEW-B3-10ZF				△L102	COIL	10uH	1.9A	TSL0709RA100K1R9		
	HOLDER, FUSE	PFC5000-0203						< PHOTOCOUPLER >				
	COVER, LED	LF5-9.2				△PC001	PHOTOCOUPLER	80V	80mA	PS2561-1D		
		< CAPACITOR >						< LED >				
△C001	FILM	0.047uF	250V	QEX2E473KTP2CS		△PD101	LED		30mA	LT5E8B		
△C003	ELECT	100uF	200V	UV22D101MHBSOTN								
△C004	CERAMIC	220PF	1KV	TPD07R221K1K				< TRANSISTOR >				
△C005	CERAMIC	6800PF	250V	TPD12R682K250		△Q001	TRANSISTOR	450V	5.0A	2SC4054-4012		
△C006	FILM	0.022uF	100V	QYX2A223JTP5TA		△Q002	TRANSISTOR	32V	500mA	2SC1741STP		
△C007	CERAMIC	0.1uF	50V	TRPE132R104K50		△Q101	TRANSISTOR	50V	100mA	DTC143ESTP		
△C008	FILM	0.047uF	100V	QYX2A473JTP5TA				< RESISTOR >				
△C010	CERAMIC	1500PF	250V	TP209E152M0KH		△R001	CARBON	330K	1/4W	RDFP25ST2A334J		
△C012	CERAMIC	0.1uF	50V	TRPE132R104K50		△R002	CARBON	47K	1/2W	RDFP50ST5A473J		
△C101	ELECT	560uF	16V	UPJ1C561MPH1TD		△R003	CARBON	330K	1/4W	RDFP16ST2A334J		
△C102	ELECT	820uF	16V	UPJ1C821MPH1TD		△R005	CARBON	100	1/2W	RDFP50ST5A101J		
△C103	ELECT	180uF	16V	UPF1C181MEHITA		△R006	CARBON	2.7K	1/4W	RDFP16ST2A272J		
△C104	ELECT	180uF	16V	UPF1C181MEHITA				< CONNECTOR >				
△C105	ELECT	2.2uF	50V	UVR1H2R2MDA1TA		△R007	CARBON	4.7	1/4W	RDFP16ST2A4R7J		
△C106	FILM	1uF	50V	UVR1H010MDA1TA		△R009	METAL OXIDE	0.39	1W	RSS01WST5AR39J		
△CN001	AC INLET			AC-M09PG41		△R010	CARBON	47	1/4W	RDFP16ST2A470J		
△CN002	CONNECTOR			BSB-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	ISS252T-77		△R105	CARBON	470	1/4W	RDFP16ST2A471J		
△D008	DIODE	400V	1A	MPG06G-G3		△R106	METAL	470	1/4W	SN2P16ST2A4700D		
△D009	DIODE	80V	100mA	ISS252T-77		△R107	METAL	(ADJ)	1.1K	1/4W	SN2P16ST2A1101D	
△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	ISS252T-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	ISS252T-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		△R108	CARBON	120	1/4W	RDFP16ST2A121J		

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

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POWER BLOCK

Ref. No.	Part No.	Description		Remark	Ref. No.	Part No.	Description		Remark
△R109	METAL	13.3K	1/4W	SNZP16ST2A1332F	△	1-468-219-13	POWER BLOCK	*****	(5502)
△R110	METAL	10K	1/4W	SNZP16ST2A1002F			HEAT SINK	LM4079I	
△R111	CARBON	15	1/4W	RDFP16ST2A150J			SCREW	NACPEW-B3+10ZF	
△R112	CARBON	180	1/4W	RDFP16ST2A181J			HOLDER, FUSE	PFC5000-0203	
		< SWITCH >					COVER, LED	LFS-9.2	
△SW101	SWITCH	12V	3A	SL-ASBB03 (POWER)			< CAPACITOR >		
△SW102	SWITCH			ESE20B9 (RESET)					
		< TRANSFORMER >							
△T001	CONVERTER TRANSFORMER			N-T00-979C					

					△C001	FILM	0.047uF 250V	QEX2E473KTP2CS	
					△C002	FILM	0.047uF 250V	QEX2E473KTP2CS	
					△C003	ELECT	47uF 400V	UVZ2G470MH6TN	
					△C004	CERAMIC	68PF 1KV	TPD07SL680J1K	
					△C005	CERAMIC	1000PF 1KV	TPD09R102K1K	
					△C006	FILM	0.022uF 100V	QYX2A223JTP5TA	
					△C007	CERAMIC	0.1uF 50V	TRPE132R104K50	
					△C008	FILM	0.047uF 100V	QYX2A473JTP5TA	
					△C010	CERAMIC	2200PF 250V	TPZ10E222MK	
					△C011	CERAMIC	2200PF 250V	TPZ10E222MKH	
					△C012	CERAMIC	0.1uF 50V	TRPE132R104K50	
					△C101	ELECT	560uF 16V	UPJ1C561MPH1TD	
					△C102	ELECT	820uF 16V	UPJ1C821MPH1TD	
					△C103	ELECT	180uF 16V	UPF1C181MEH1TA	
					△C104	ELECT	180uF 16V	UPF1C181MEH1TA	
					△C105	ELECT	2.2uF 50V	UVR1H2R2MDA1TA	
					△C106	ELECT	1uF 50V	UVR1H010MDA1TA	
							< CONNECTOR >		
					△CN001	AC INLET		AC-M08PG39	
					△CN002	CONNECTOR		B5B-EH-TS	
							< DIODE >		
					△D001	DIODE	600V 1A	ERA15-06V3R	
					△D002	DIODE	600V 1A	ERA15-06V3R	
					△D003	DIODE	600V 1A	ERA15-06V3R	
					△D004	DIODE	600V 1A	ERA15-06V3R	
					△D005	DIODE	800V 0.5A	ERA22-08V3R	
					△D006	DIODE	200V 0.5A	ERA22-02V3R	
					△D007	DIODE	80V 100mA	ISS252T-77	
					△D008	DIODE	600V 1A	ERA15-06V3R	
					△D101	DIODE	40V 2.6A	ERC81-004L	
					△D102	DIODE	40V 2.6A	ERC81-004L	
					△D103	DIODE	10V 400mA	RD10ES-T1-AB2	
					△D104	DIODE	80V 100mA	ISS252T-77	
					△D105	DIODE	5.1V 400mA	RDS.1ES-T1-AB2	
					△D106	DIODE	80V 100mA	ISS252T-77	
							< FUSE >		
					△F001	FUSE	250V 1.6A	215SB-1R6AA-SB	
							< IC >		
					△IC101	IC		UPC1093J-1-T	
					△IC102	IC		M51957RI	

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.

POWER BLOCK

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark						
< COIL >																	
△L001	COIL	33mH	0.3A	LF-4D-333		△R111	CARBON	15	1/4W	RDFP16ST2A150J							
△L101	COIL	10uH	1.9A	TSL0709RA100K1R9		△R112	CARBON	180	1/4W	RDFP16ST2A181J							
△L102	COIL	10uH	1.9A	TSL0709RA100K1R9		< SWITCH >											
< PHOTOCOUPLER >																	
△PC001	PHOTOCOUPLER 80V	80mA		PS2561-1DV		△SW101	SWITCH	12V	3A	SL-ASBB03 (POWER)							
< LED >																	
△PD101	LED	30mA		LTSE88		△SW102	SWITCH			ESE20B9 (RESET)							
< TRANSISTOR >																	
△Q001	TRANSISTOR	800V	2.0A	2SC4231		△T001	CONVERTER TRANSFORMER			N-T00-956C							
△Q002	TRANSISTOR	50V	150mA	2SC1740STP		< TRANSFORMER >											
△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	SNZP16ST2A470D													
△R107	METAL (ADJ)	1.1K	1/4W	SNZP16ST2A1101D													
	METAL	953	1/4W	SNZP16ST2A953D													
	METAL	965	1/4W	SNZP16ST2A965D													
	METAL	976	1/4W	SNZP16ST2A976D													
	METAL	988	1/4W	SNZP16ST2A988D													
	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													

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POWER BLOCK

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark									
▲	1-468-243-11	POWER BLOCK			(5503)	< TRANSISTOR >														
< CAPACITOR >																				
▲C001	FILM	0.1uF	275V	MKP20104M		▲Q001	TRANSISTOR	50W800V3	2SK2129											
▲C003	CERAMIC	2200PF	250V	KH222M		▲Q002	TRANSISTOR	0.3W	25V	2SD1450										
▲C004	CERAMIC	2200PF	250V	KH222M		▲Q101	TRANSISTOR	0.3W	50V	2SC3311A										
▲C005	ELECT	82uF	400V	ECOS2GB820		▲Q102	TRANSISTOR	0.3W	50V	2SC3311A										
▲C008	CERAMIC	47PF	1kV	DE1SL470J		▲Q103	TRANSISTOR	0.3W	50V	2SA1309A										
▲C009	FILM	0.15uF	50V	ECQV1H154JL		▲Q104	TRANSISTOR	0.3W	50V	UN421D										
▲C010	FILM	2200PF	50V	ECQB1H222JF		< RESISTOR >														
▲C011	FILM	6800PF	50V	ECQB1H682KF		▲R001	CARBON	470K	0.5W	ERDS1TJ474										
▲C012	FILM	4700PF	630V	ECQE6472KZ		▲R002	CARBON	15K	0.25W	ESDS2TJ153										
▲C013	FILM	1000PF	50V	ECQB1H102JF		▲R003	METAL OXIDE	330	1W	ERG1ST331										
▲C102	ELECT	560uF	25V	EEUFC1E561		▲R004	METAL	11K	0.25W	EROS2TKF1102										
▲C103	ELECT	560uF	25V	EEUFC1E561		▲R005	CARBON	33	0.25W	ERDS2TJ330										
▲C104	ELECT	220uF	25V	EEUFC1E221		▲R006	METAL	20K	0.25W	EROS2TKF2002										
▲C105	ELECT	330uF	25V	EEUFC1E331		▲R007	CARBON	390	0.25W	ERDS2TJ391										
▲C106	FILM	0.068uF	50V	ECQB1H683		▲R008	CARBON	150	0.5W	ERDS1TJ151										
▲C107	ELECT	1uF	50V	ECEA1HU010		▲R009	CARBON	82K	0.25W	ERDS2TJ823										
< CONNECTOR >																				
▲CN001	AC INLET	250V	2.5A	ACMO8PG39		▲R010	CARBON	82K	0.25W	ERDS2TJ823										
▲CN101	CONNECTOR	EH5		B5B-EH-TV4		▲R011	METAL OXIDE	100K	2W	ERG2SJ104										
< DIODE >																				
▲D001	DIODE	600V	1A	S1WB60		▲R012	CARBON	100K	0.25W	ERDS2TJ104										
▲D003	DIODE	80V	0.15A	MA165		▲R013	CARBON	100K	0.25W	ERDS2TJ104										
▲D004	DIODE	80V	0.15A	MA165		▲R014	CARBON	56	0.25W	ERDS2TJ560										
▲D007	DIODE	80V	0.15A	MA165		▲R015	METAL	324-374	0.25W	EROS2TKF3240-3740										
▲D008	DIODE	1kV	0.5A	ERA22-10		▲R016	METAL	768	0.25W	EROS2TKF7680										
▲D101	DIODE	35V	10A	FCQ10A3L		▲R017	CARBON	220	0.25W	ERDS2TJ221										
▲D102	DIODE	60V	6A	FCQ6A6		▲R018	CARBON	220	0.25W	ERDS2TJ221										
▲D103	DIODE	45V	5A	MA7D49A		▲R019	CARBON	1.5K	0.25W	ERDS2TJ152										
< FUSE >																				
▲F001	FUSE	250V	1.6A	19181 1.6A		▲R020	CARBON	15	0.25W	ERDS2TJ150										
< IC >																				
▲IC101	IC	1.25V	RESET	M51957BL		▲R021	CARBON	180K	0.25W	ERDS2TJ181										
< COIL >																				
▲L001	FILTER CHOKE	43mH	0.3A	ELF15N003A		▲R022	METAL	13.3K	0.25W	EROS2TKF1332										
▲L101	CHOKE	3.3uH	2.5A	3R3N		▲R023	METAL	10K	0.25W	EROS2TKF1002										
▲L102	CHOKE	3.3uH	2.5A	3R3N		▲R024	CARBON	130	0.25W	ERDS2TJ131										
< PHOTOCOUPLER >																				
▲PC001	OPTOISOLATOR PC			PS2561L-1		▲R025	CARBON	56	0.25W	ERDS2TJ560										
< LED >																				
▲PD101	LED	90mW	30mA	LNJ301MPUJAD		▲R026	CARBON	1.2K	0.25W	ERDS2TJ122										
< TRANSFORMER >																				
▲T001	TRANSFORMER					▲T001	TRANSFORMER			ETB28AE166**										
< DIODE >																				
▲ZD001	ZENER DIODE	4.7V	0.4W	MA4047		▲ZD002	ZENER DIODE	5.6V	0.4W	MA4056										
▲ZD101	ZENER DIODE	5.1V	0.4W	MA4051		▲ZD102	ZENER DIODE	5.1V	0.5W	RD5.1B										
▲ZD103	ZENER DIODE	12V	0.5W	RD12EB		▲ZD104	ZENER DIODE	5.1V	0.4W	MA4051										

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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	SHET, 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, CONNECTOR	
•	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	SHET, PROTECTION	
•	3-967-122-01	CUSHION	
•	3-860-692-11	MANUAL INSTRUCTION (ENGLISH, CHINESE)	

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.
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SCPH-5500/5501/5502/5503

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