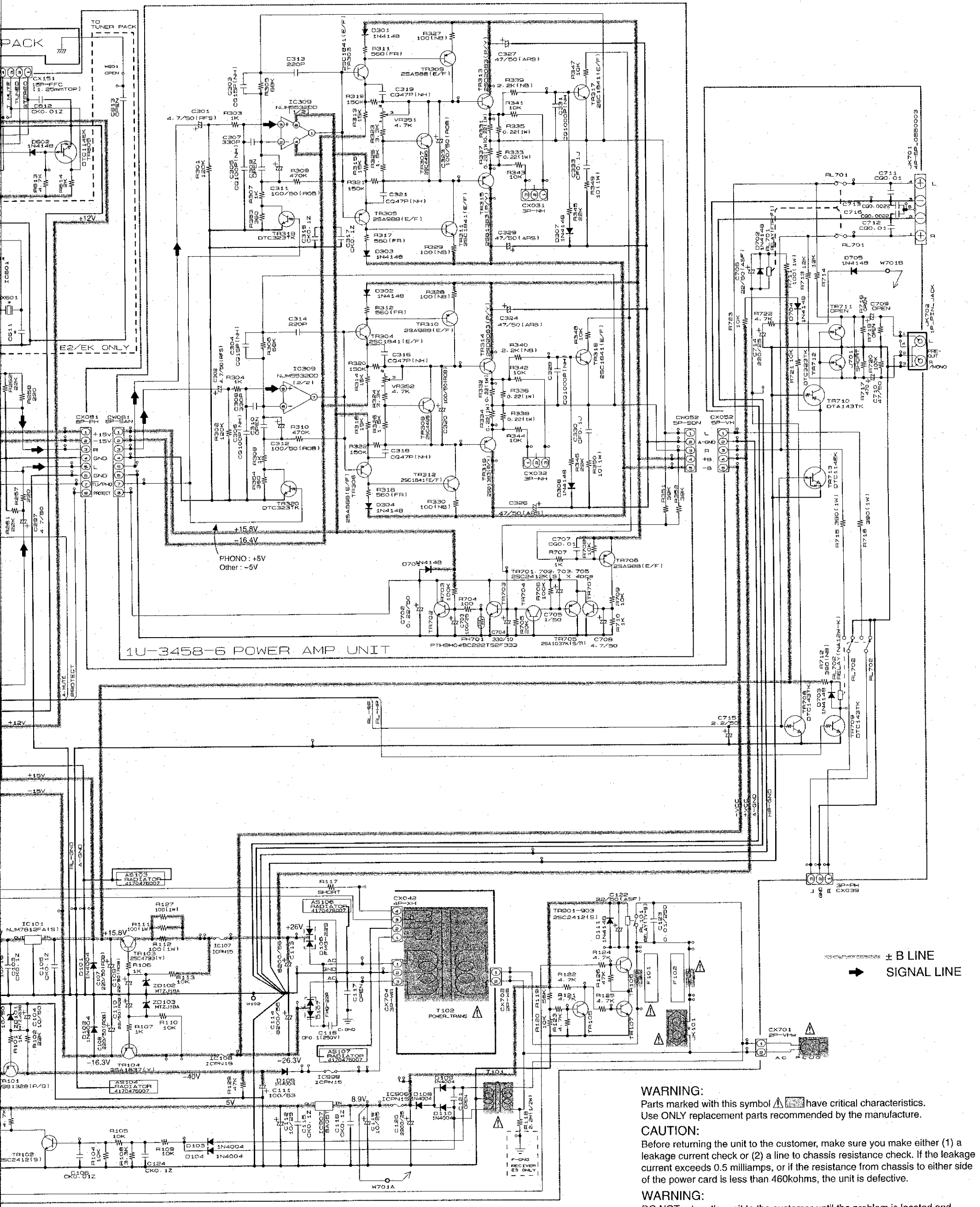


6 7 8 9 10 11



A B C D E F G H

NOTICE
 ALL RESISTANCE VALUES IN OHM. K=1,000 OHM M=1,000,000 OHM
 ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
 EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT
 CONDITION.
 CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR
 NOTICE.

WARNING:
 Parts marked with this symbol have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

CAUTION:
 Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 millamps, or if the resistance from chassis to either side of the power card is less than 460kohms, the unit is defective.

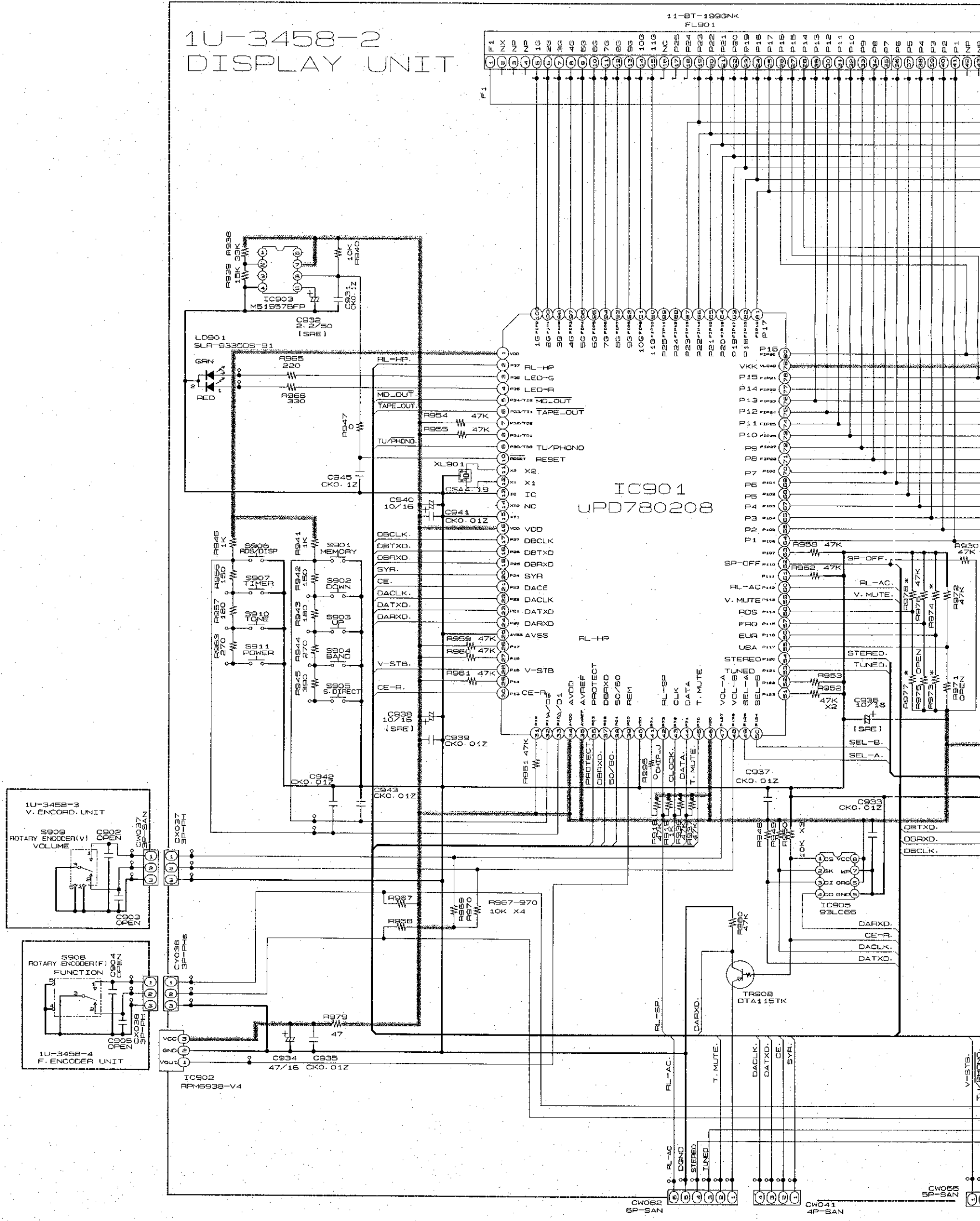
WARNING:
 DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (1/2)
 1U-3458-1 MAIN UNIT
 1U-3458-5 SYS. CON. UNIT
 1U-3458-6 POWER AMP UNIT

SCHEMATIC DIAGRAMS (2/2)

1 2 3 4 5 6

1U-3458-2
DISPLAY UNIT



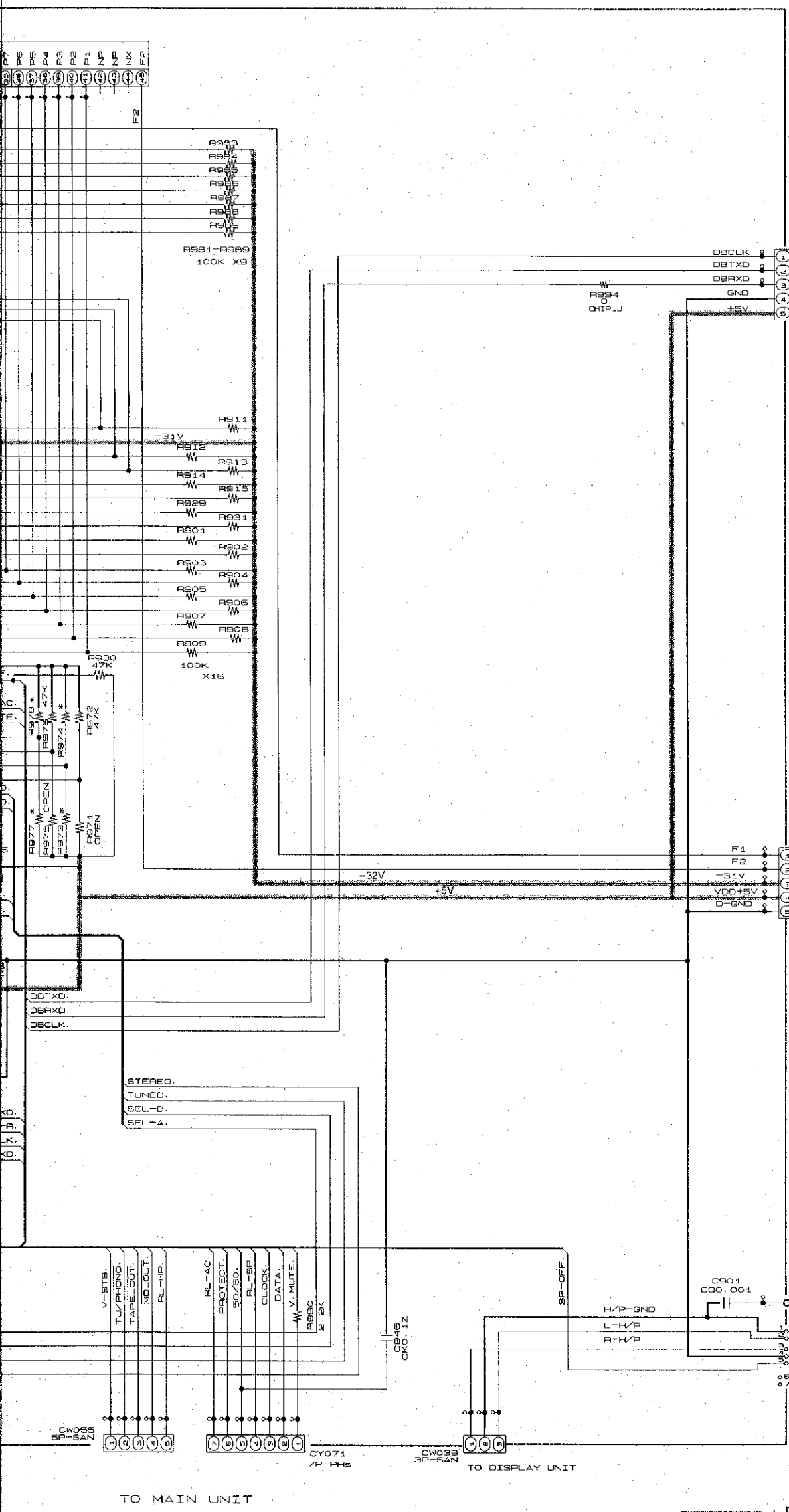
TO MAIN UNIT
(RECEIVER MODEL ONLY)

NOTICE
ALL RESISTANCE VALUES IN OHM. K=1,000 OHM M=1,000,000 OHM
ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT
CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR
NOTICE.

WARNING
Parts marked
Use ONLY re
CAUTION
Before return
leakage curr
current exce
of the power
WARNING
DO NOT retu
corrected.

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	DRAF101 E2	DRAF101 J
R973	47K	OPEN
R974	OPEN	47K
R977	47K	OPEN
R978	OPEN	47K

WARNING:
Parts marked with this symbol have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

CAUTION:
Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power card is less than 460kohms, the unit is defective.

WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (2/2)
1U-3458-2 DISPLAY UNIT
1U-3458-3 V. ENCODER UNIT
1U-3458-4 F. ENCODER UNIT

SCHEMATIC DIAGRAMS (1/2)

1

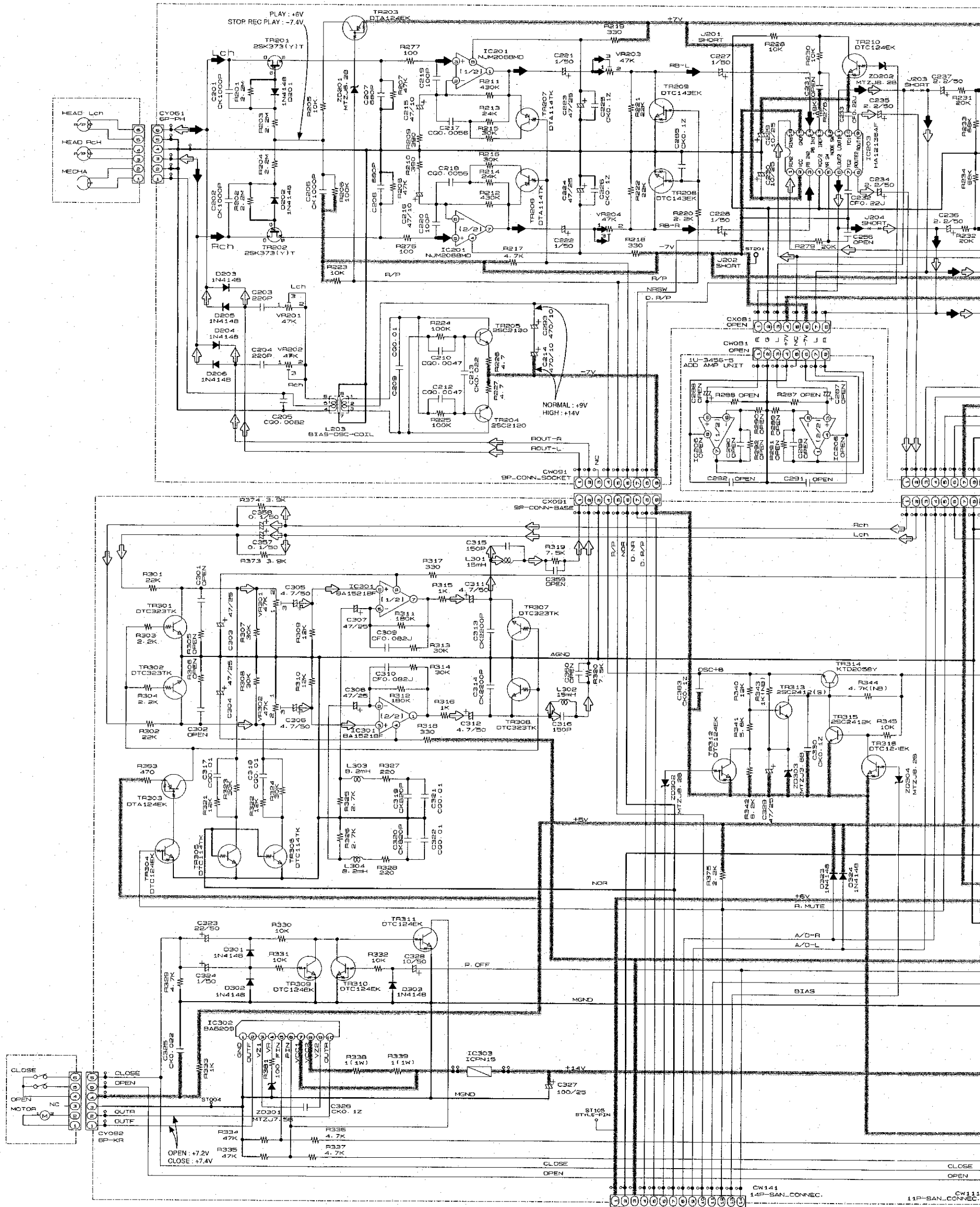
2

3

4

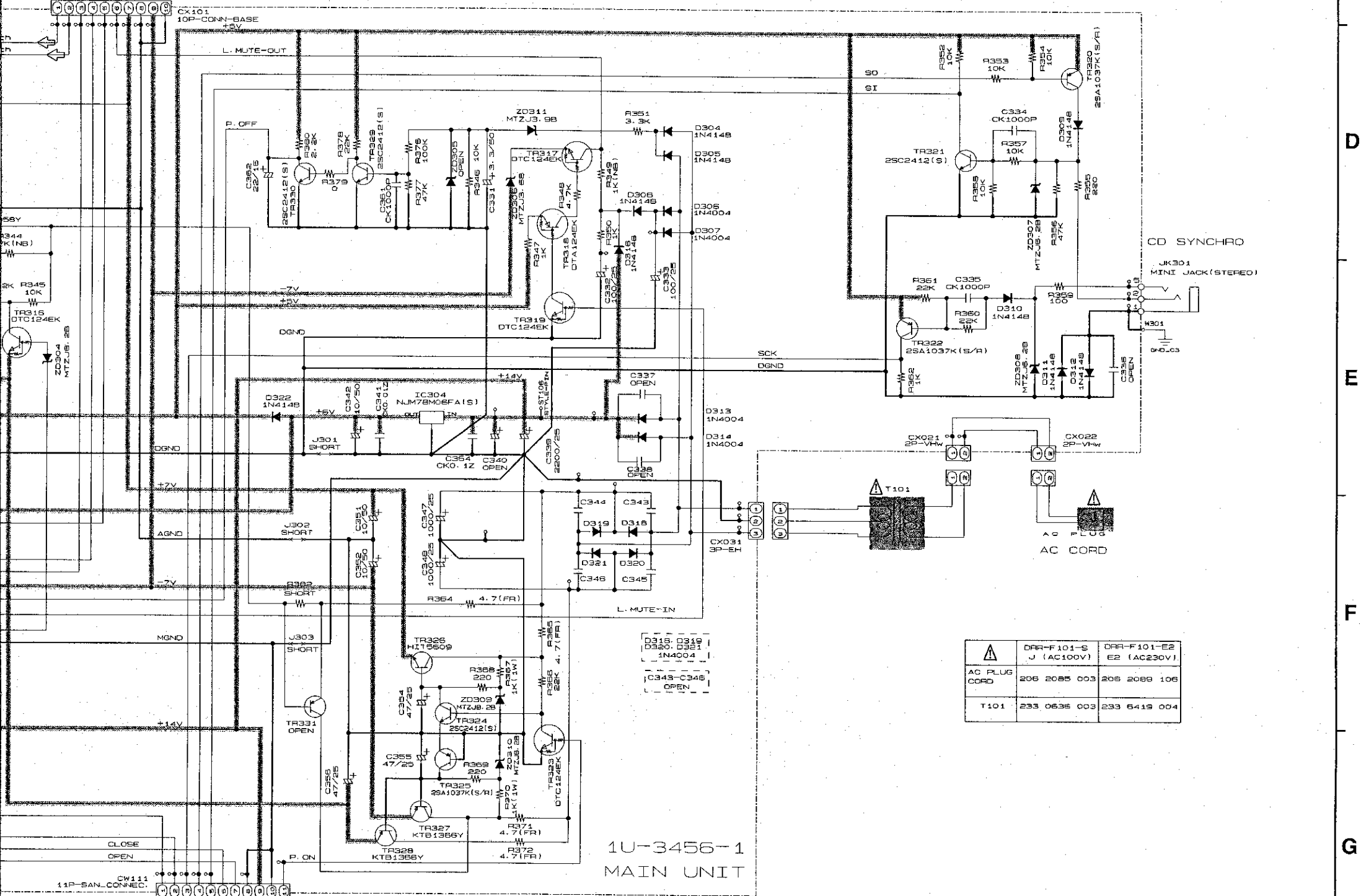
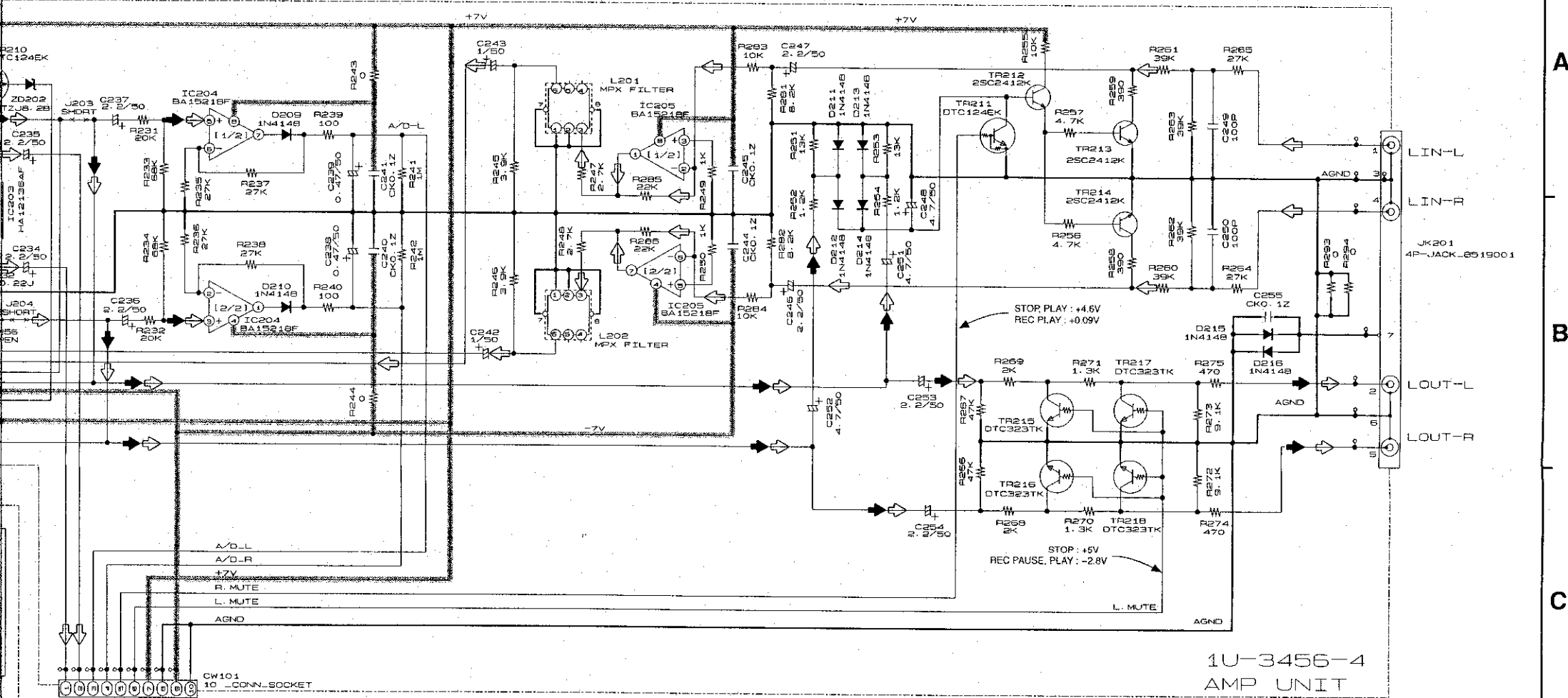
5

6



NOTICE
 ALL RESISTANCE VALUES IN OHM. k=1000
 ALL CAPACITANCE VALUES IN MICRO
 EACH VOLTAGE AND CURRENT ARE M
 CONDITION.
 CIRCUIT AND PARTS ARE SUBJECT TO
 NOTICE.

6 7 8 9 10 11



RESISTOR VALUES IN OHM. K=1,000 OHM M=1,000,000 OHM
 CAPACITOR VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
 VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT

PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

WARNING:
 Parts marked with this symbol have critical characteristics.
 Use ONLY replacement parts recommended by the manufacturer.

CAUTION:
 Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power card is less than 460kohms, the unit is defective.

WARNING:
 DO NOT return the unit to the customer until the problem is located and corrected.

± B LINE
 PB SIGNAL LINE
 REC SIGNAL LINE

SCHEMATIC DIAGRAMS (1/2)
 1U-3456-1 MAIN UNIT
 1U-3456-4 AMP UNIT

	DRR-F101-S	DRR-F101-E2
	J (AC100V)	E2 (AC230V)
AC PLUG CORD	206 2085 003	206 2088 106
T101	233 0635 003	233 6419 004

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SCHEMATIC DIAGRAMS (2/2)

1

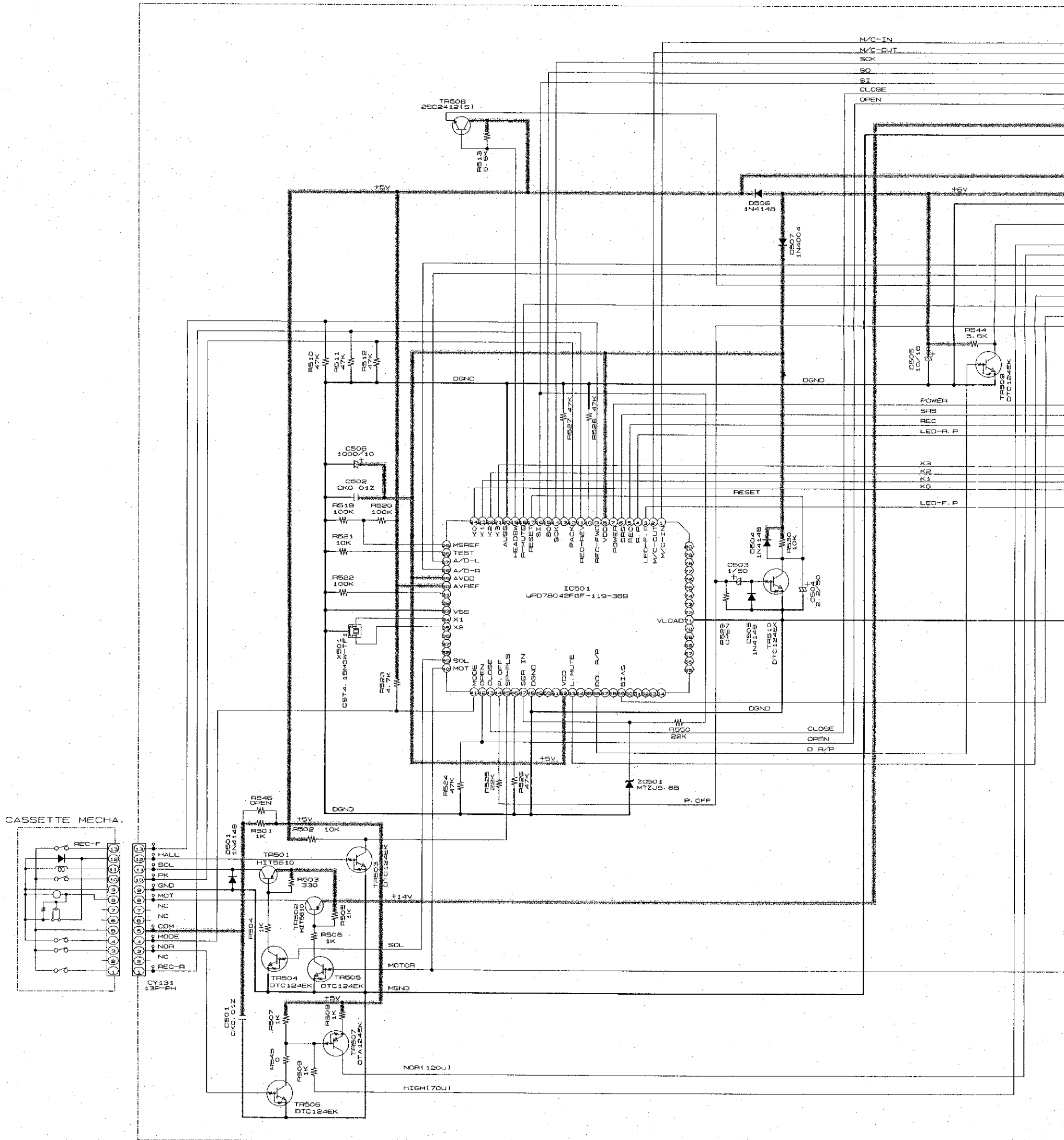
2

3

4

5

6

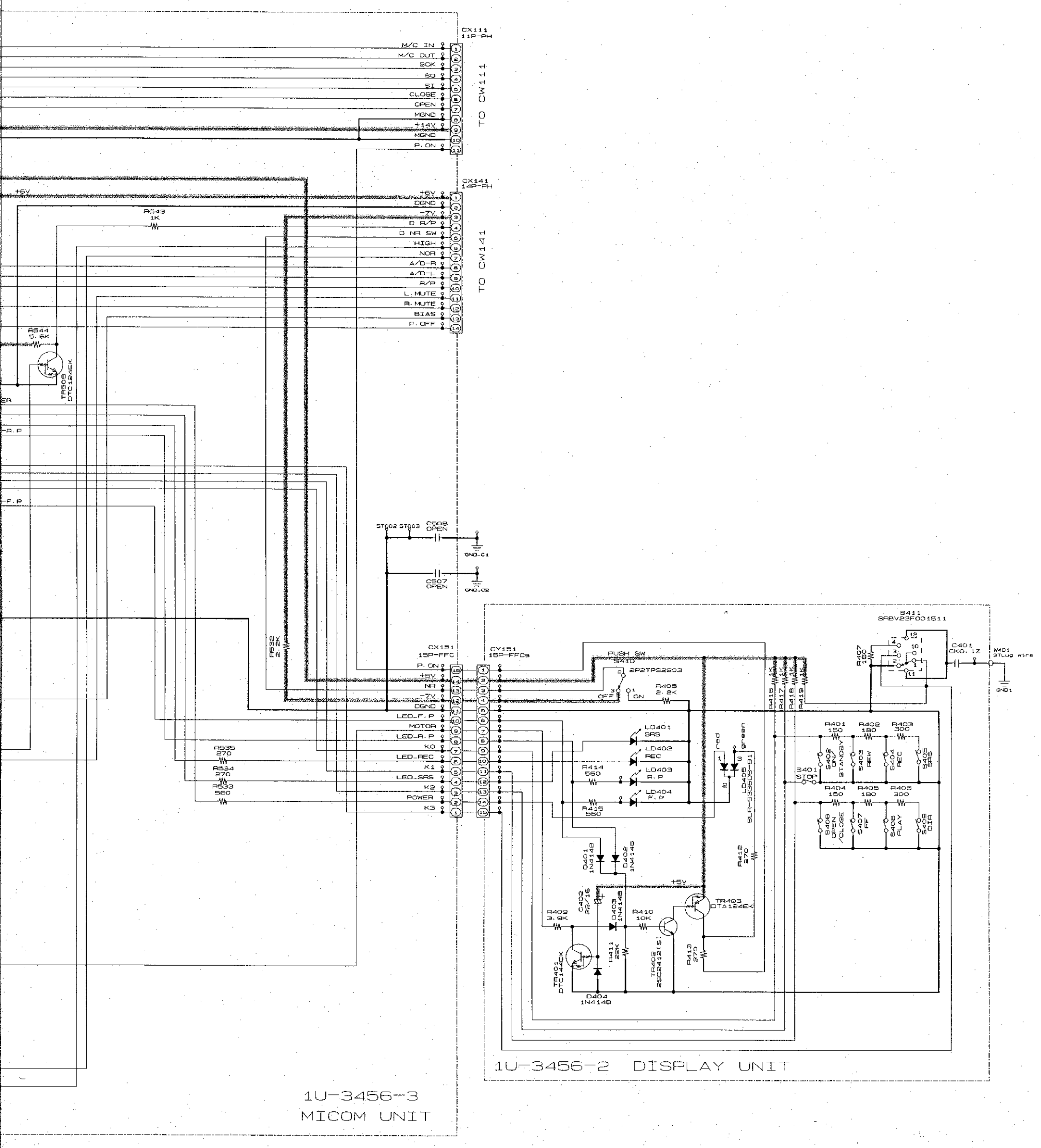


NOTICE
 ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
 ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
 EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT
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 CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR
 NOTICE.

WARNING
 Parts marked with this symbol are not to be replaced with any other parts.
CAUTION
 Before returning the unit to service, check for correct polarity of the power supply.
WARNING
 DO NOT return the unit to service until the fault has been corrected.

6 7 8 9 10 11

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1U-3456-2 DISPLAY UNIT

1U-3456-3 MICOM UNIT

± B LINE

WARNING:
 Parts marked with this symbol have critical characteristics. Use ONLY replacement parts recommended by the manufacture.

CAUTION:
 Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power card is less than 460kohms, the unit is defective.

WARNING:
 DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (2/2)
 1U-3456-2 DISPLAY UNIT
 1U-3456-3 MICOM UNIT

SCHEMATIC DIAGRAMS (1/2)

1

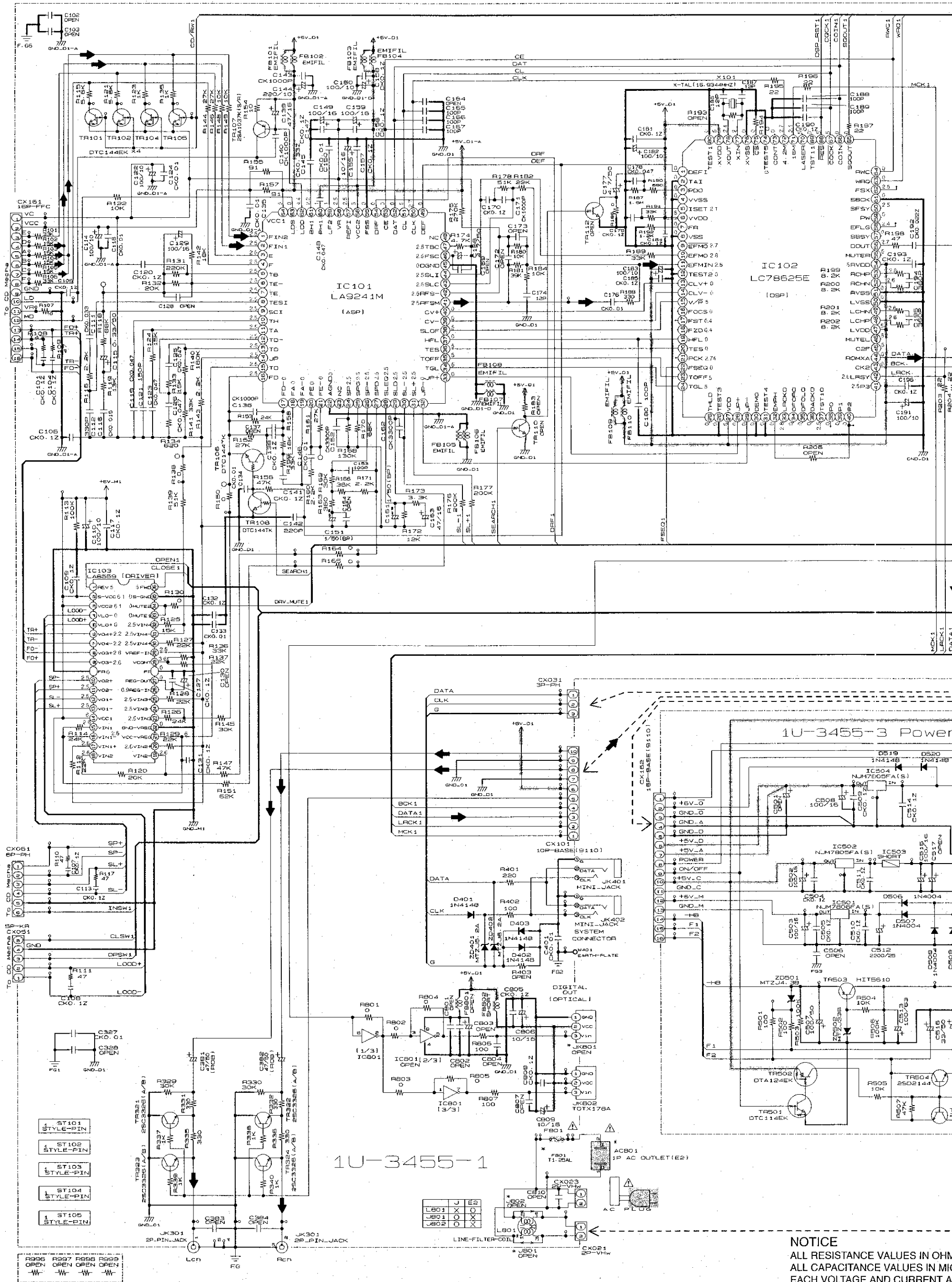
2

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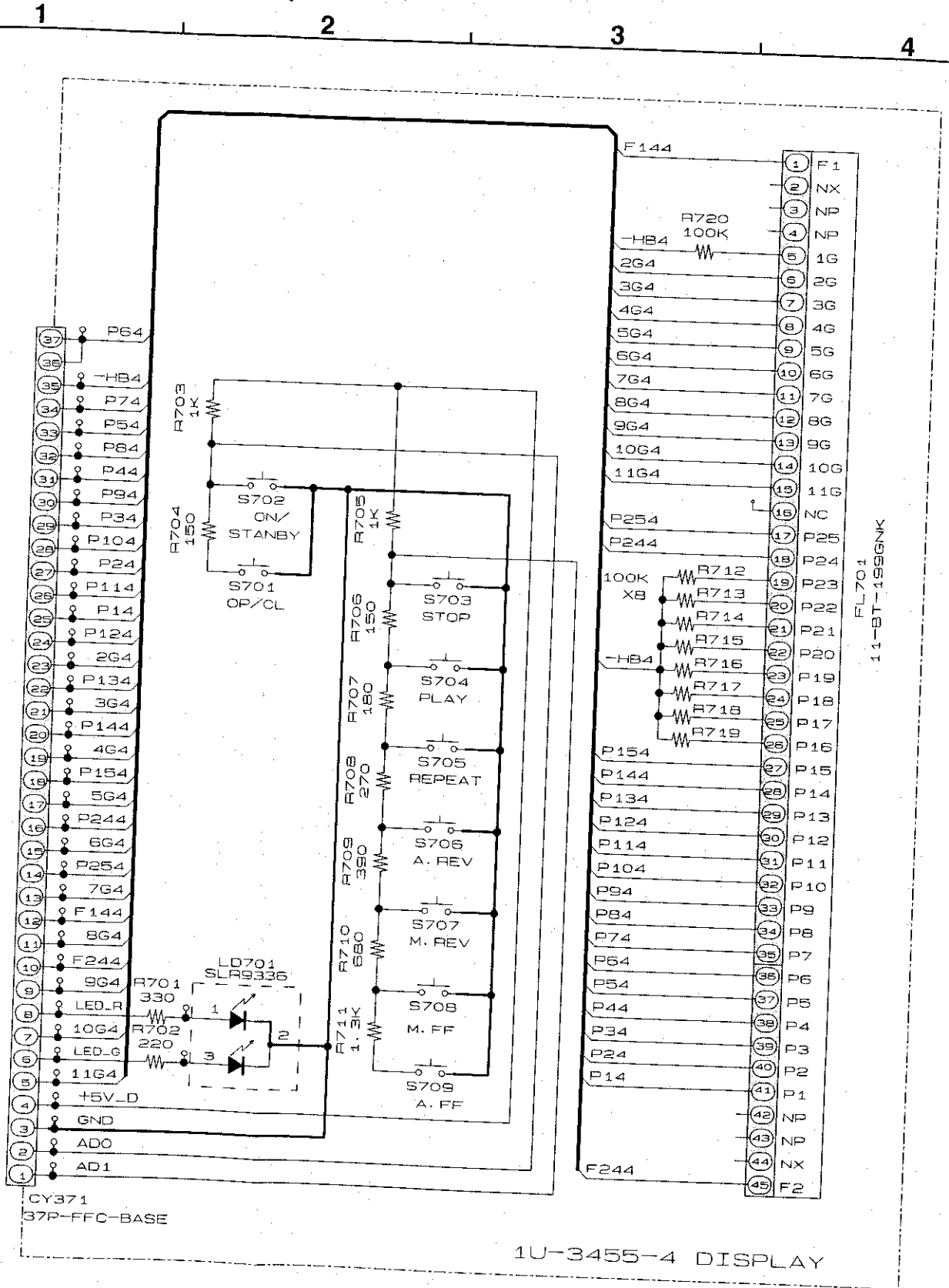
- 1 ST101 STYLE-PIN
- 1 ST102 STYLE-PIN
- 1 ST103 STYLE-PIN
- 1 ST104 STYLE-PIN
- 1 ST105 STYLE-PIN

L801	X	E2
J801	O	X
J802	O	X

NOTICE
 ALL RESISTANCE VALUES IN OHMS
 ALL CAPACITANCE VALUES IN MICROFARADS
 EACH VOLTAGE AND CURRENT ARE UNDER NO LOAD
 CONDITION.
 CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT
 NOTICE.

SCHEMATIC DIAGRAMS (2/2)

DCO-F



SCHEMATIC DIAGRAMS (2/2)
1U-3455-4 DISPLAY UNIT

SCHEMATIC DIAGRAMS (1/3)

1

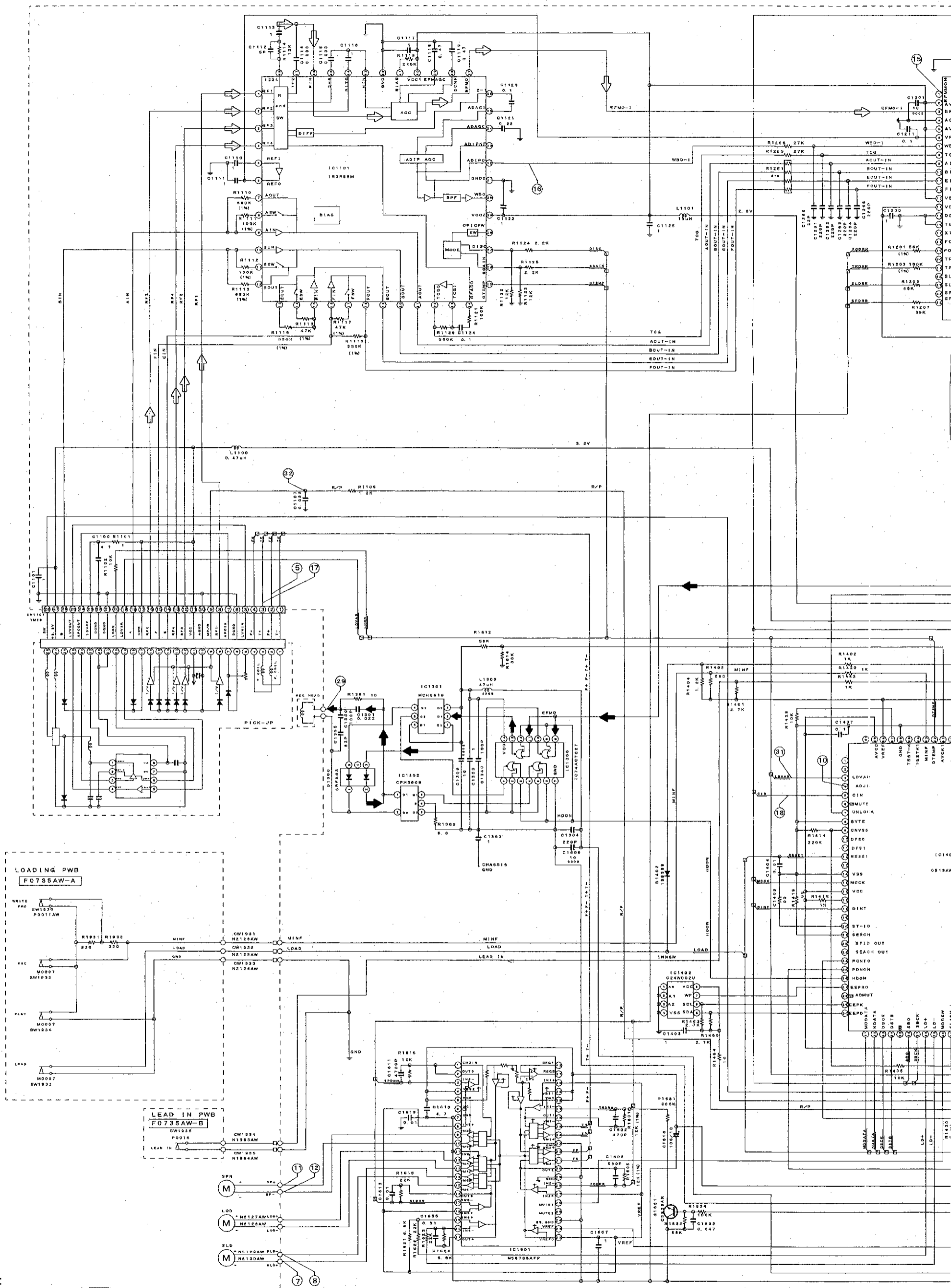
2

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6



WARNING:

Parts marked with this symbol have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

CAUTION:

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamperes, or if the resistance from chassis to either side of the power card is less than 460kohms, the unit is defective.

WARNING:

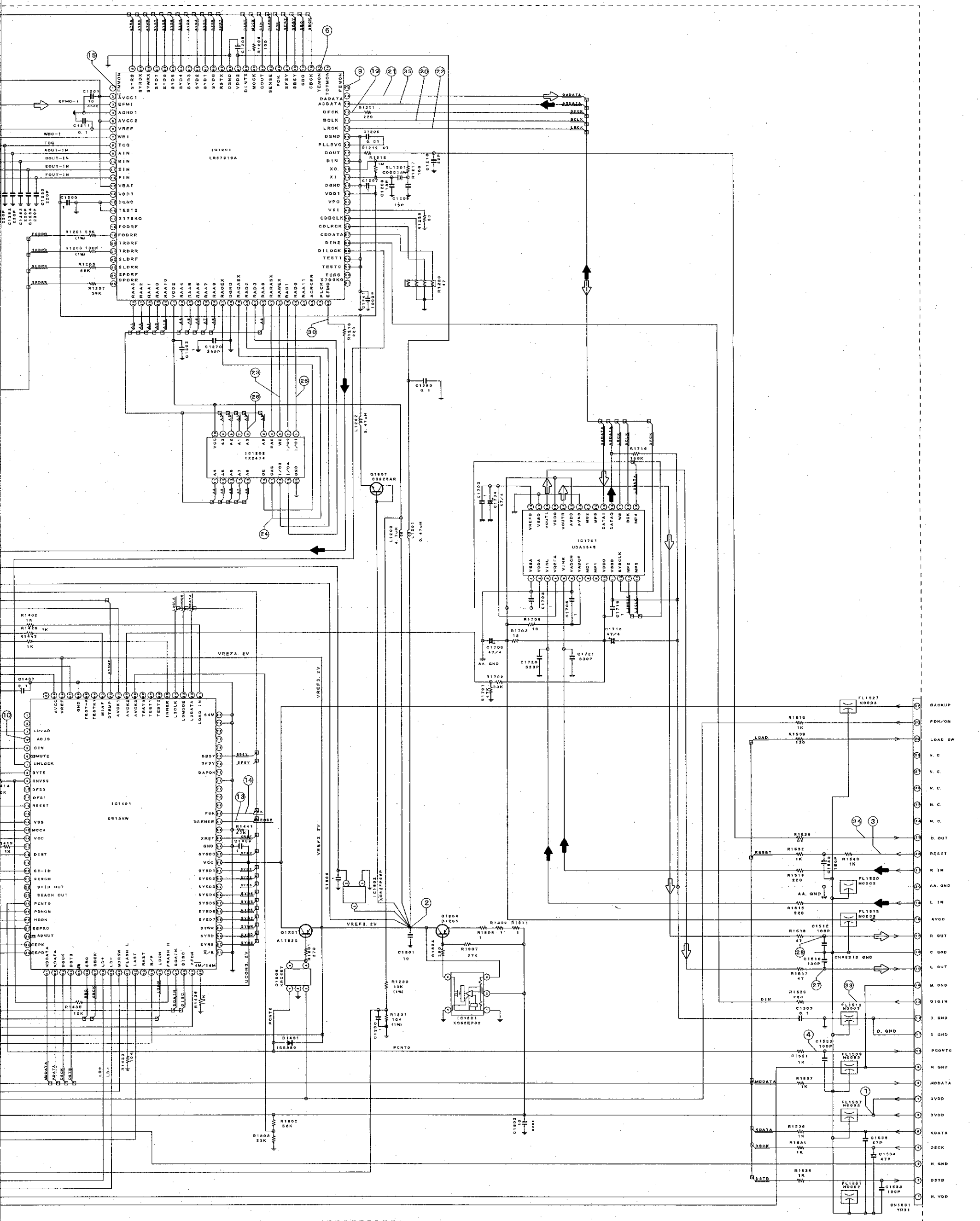
DO NOT return the unit to the customer until the problem is located and corrected.

NOTICE

ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
 ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
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6 7 8 9 10 11

A
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➔ REC SIGNAL LINE
 ⇨ PB SIGNAL LINE

SCHEMATIC DIAGRAMS (1/3)
MD MECHANISM P.W.B. UNIT

SCHEMATIC DIAGRAMS (2/3)

1

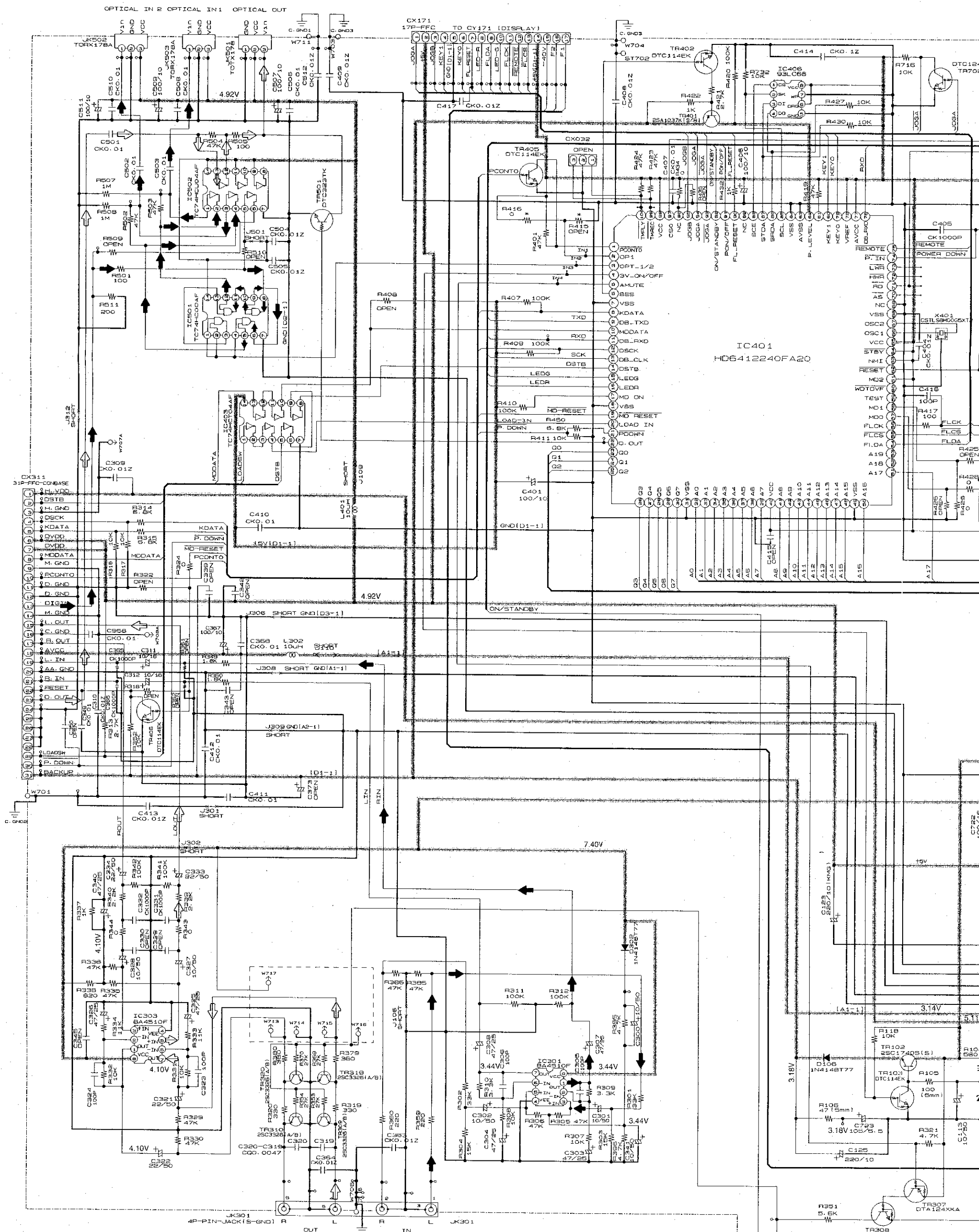
2


3

4

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6

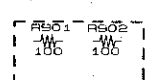


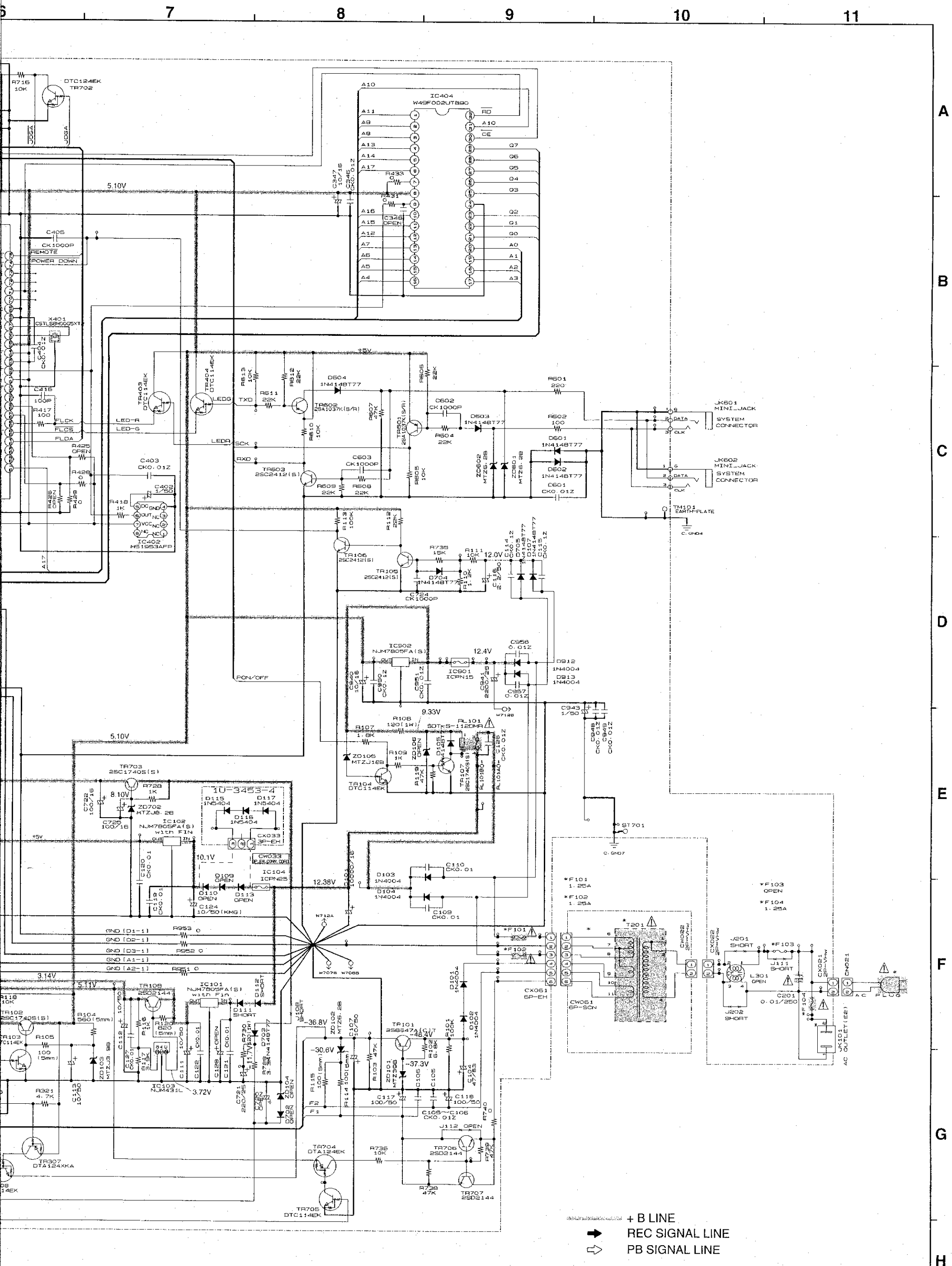
WARNING:
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CAUTION:
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WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

NOTICE
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
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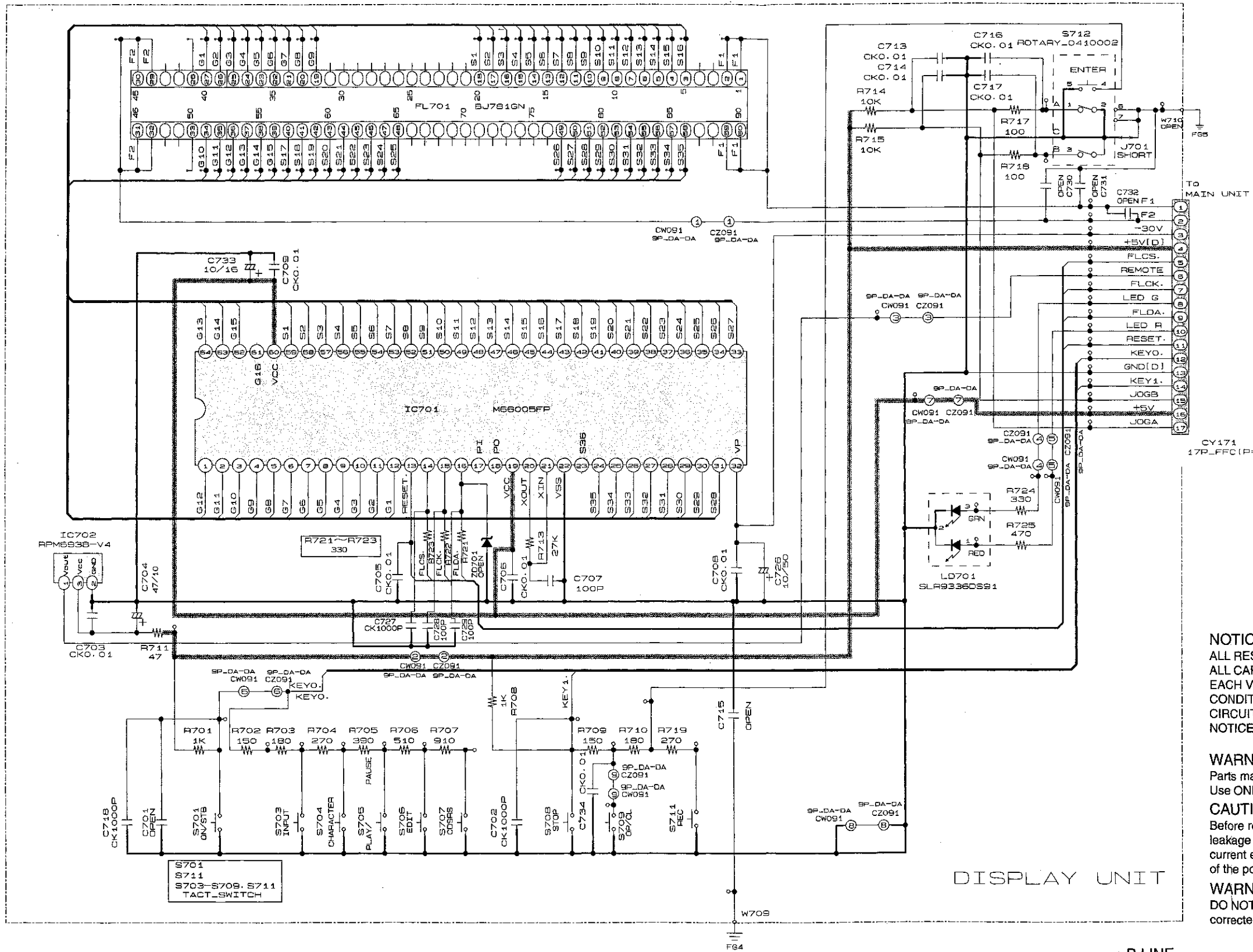
+ B LINE
 → REC SIGNAL LINE
 ⇨ PB SIGNAL LINE

SCHEMATIC DIAGRAMS (2/3)
 1U-3453 MD P.W.B. UNIT (1/2)


A
 B
 C
 D
 E
 F
 G
 H

SCHEMATIC DIAGRAMS (3/3)

1 2 3 4 5 6 7 8



NOTICE
 ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
 ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
 EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT
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 of the power card is less than 460kohms, the unit is defective.

WARNING:
 DO NOT return the unit to the customer until the problem is located and
 corrected.