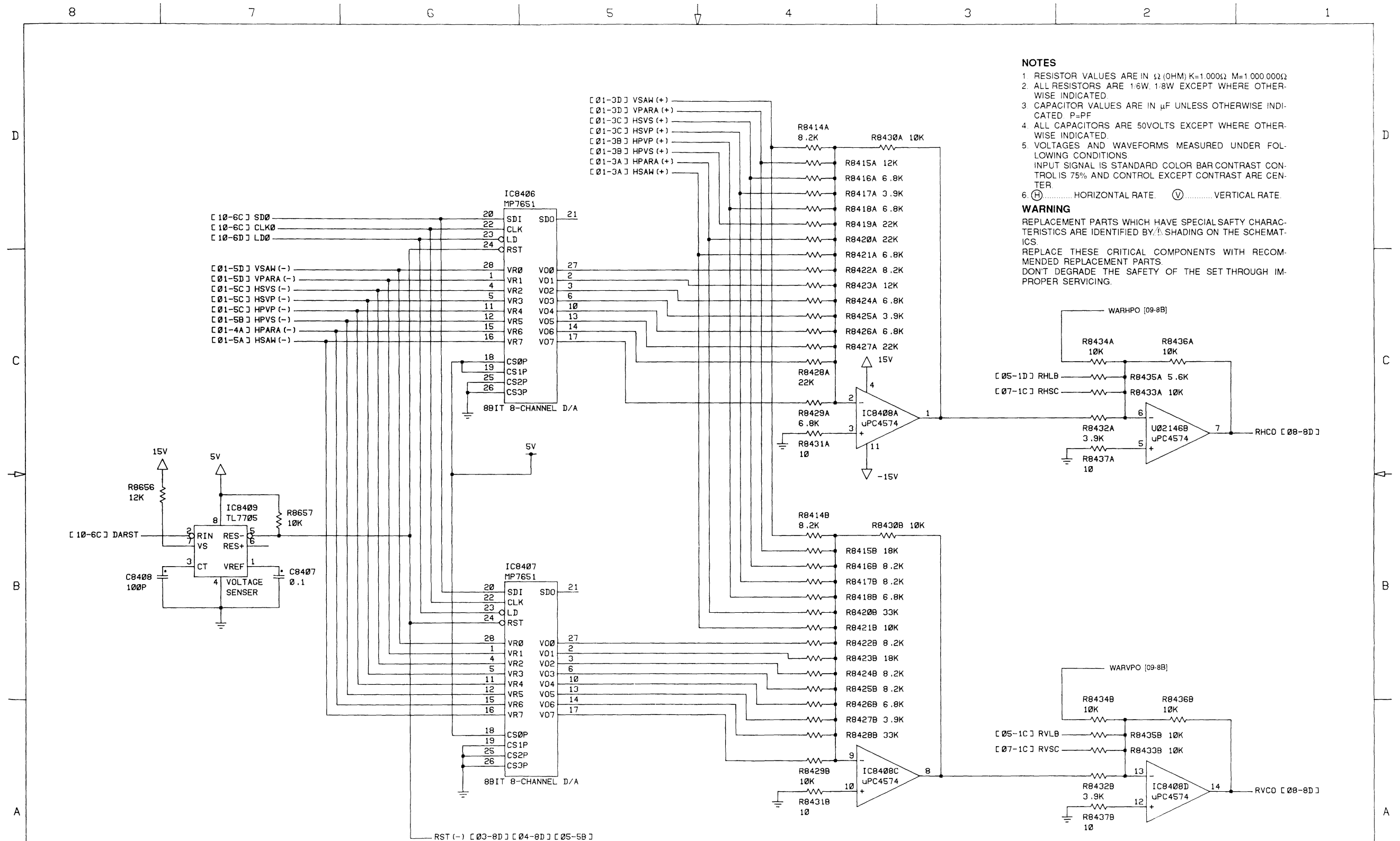


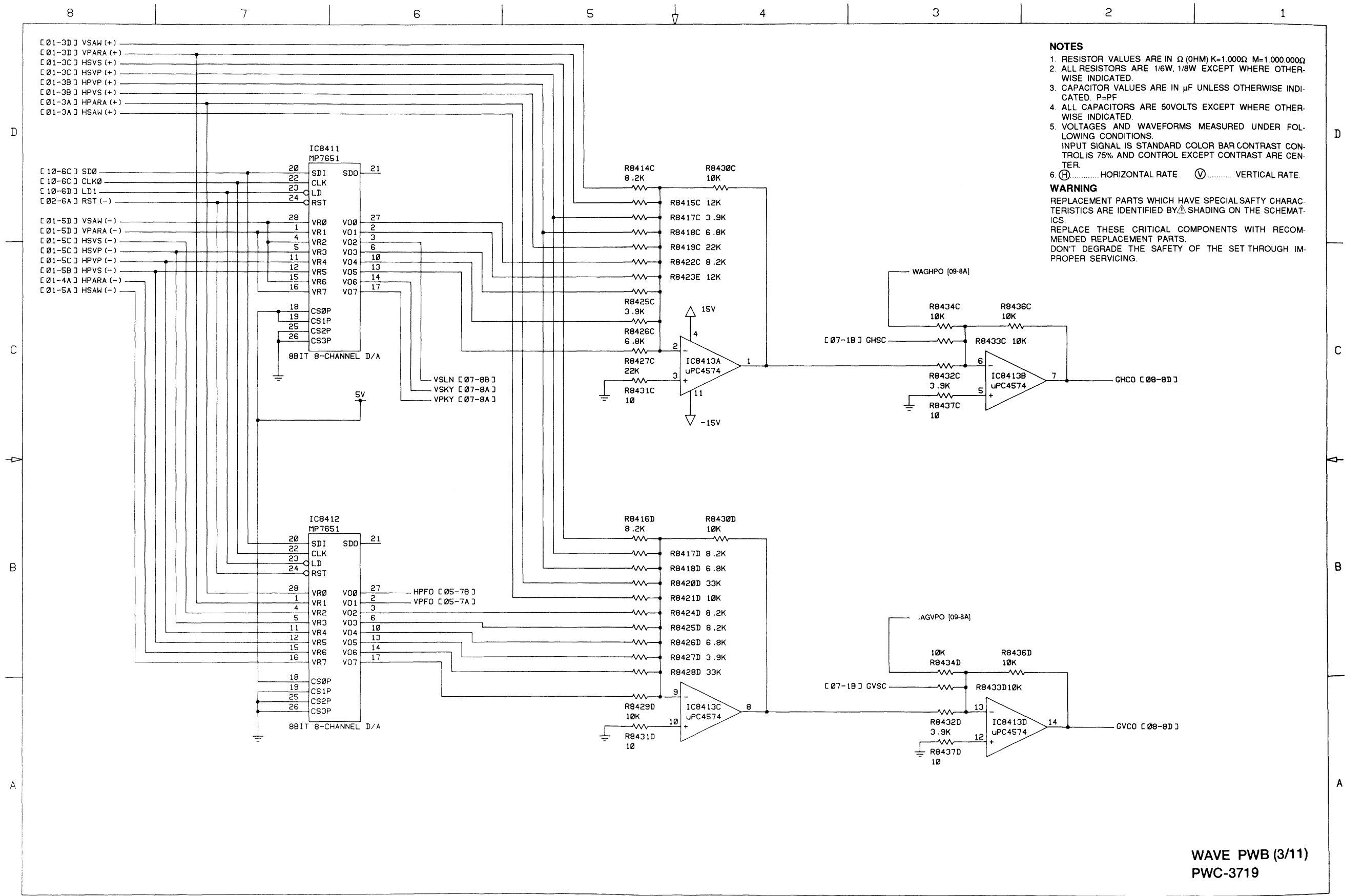
WAVE PWB (PWC-3719)



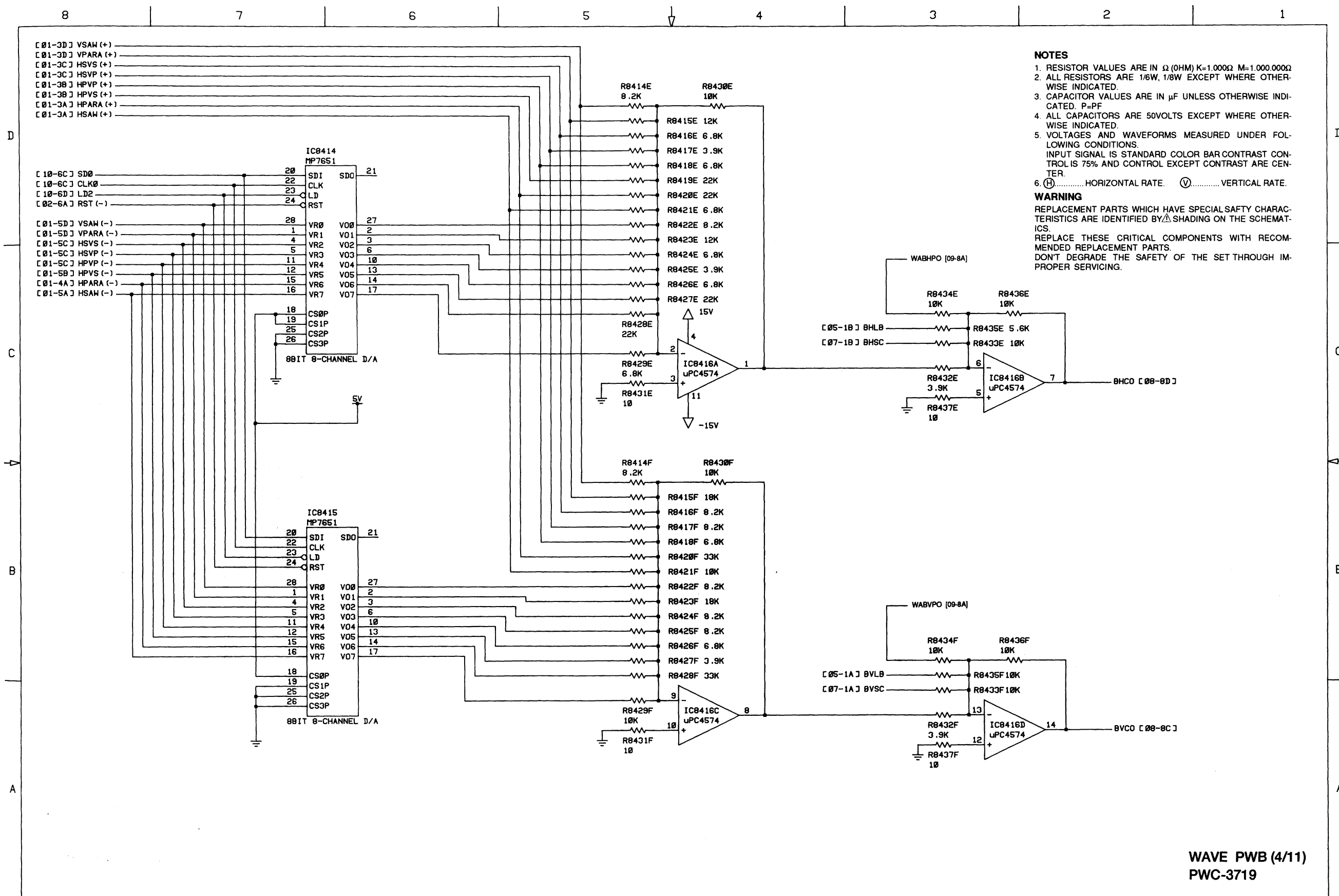
WAVE PWB (2/11)
PWC-3719

SCHEMATIC DIAGRAMS

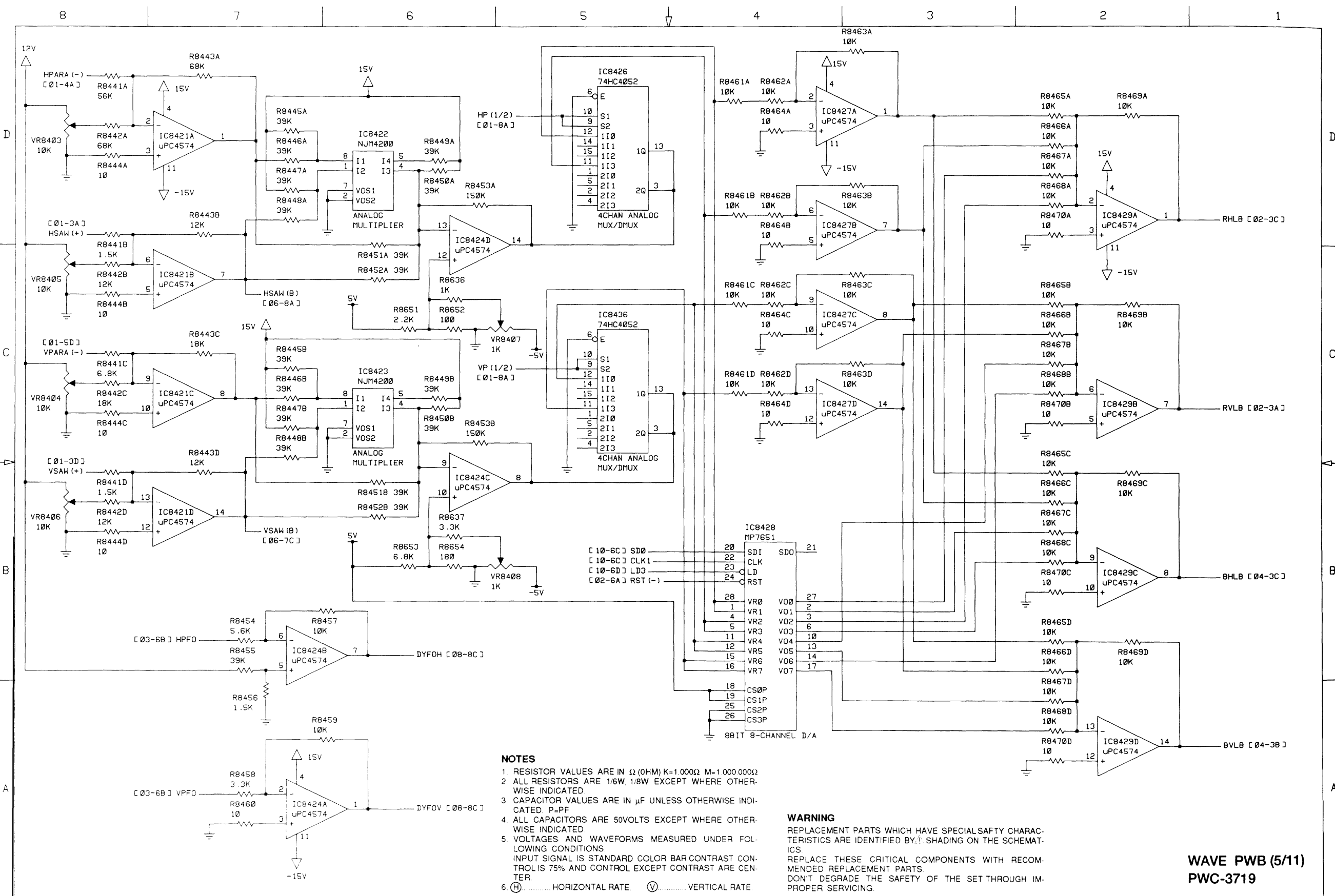
WAVE PWB (PWC-3719)

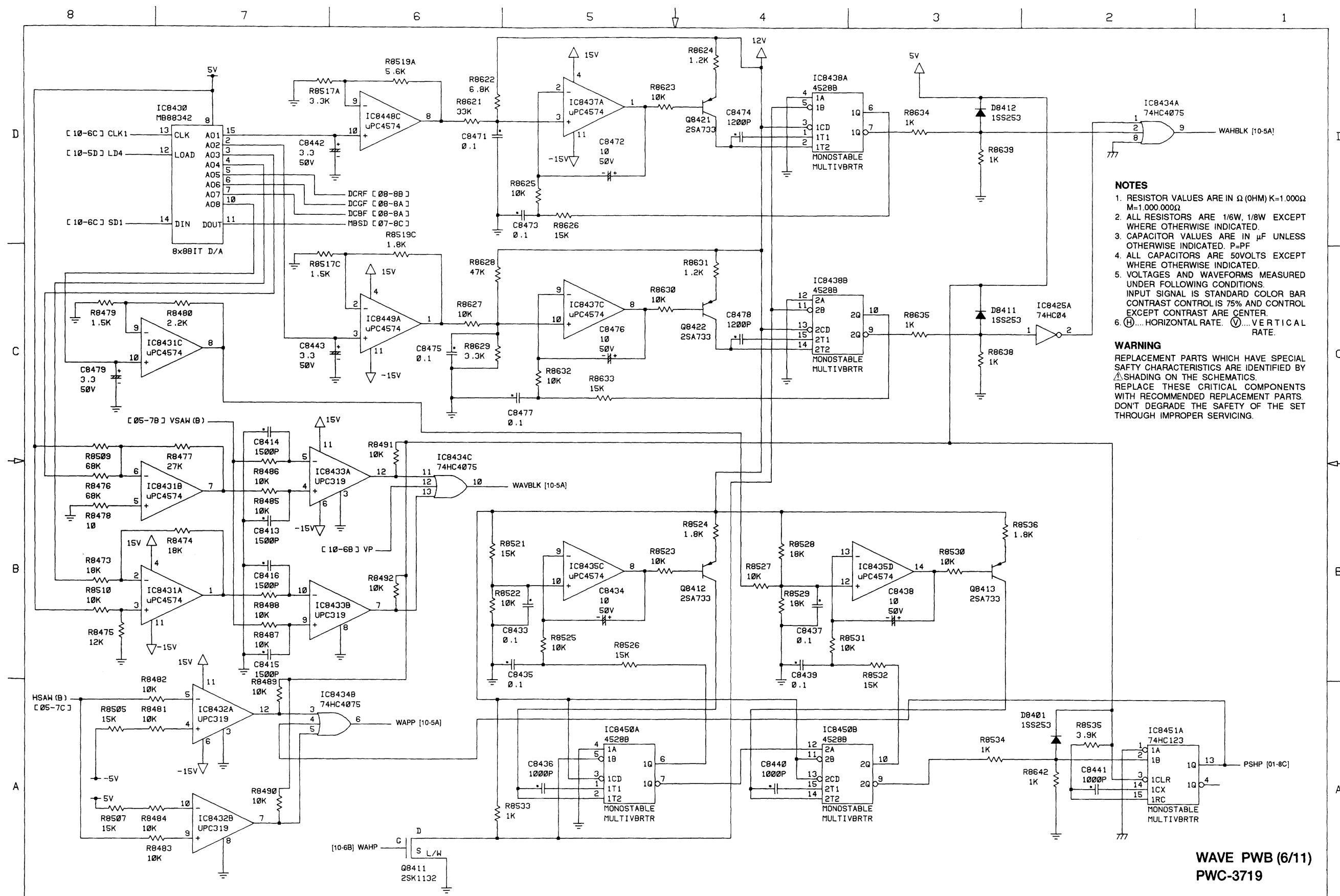


WAVE PWB (PWC-3719)

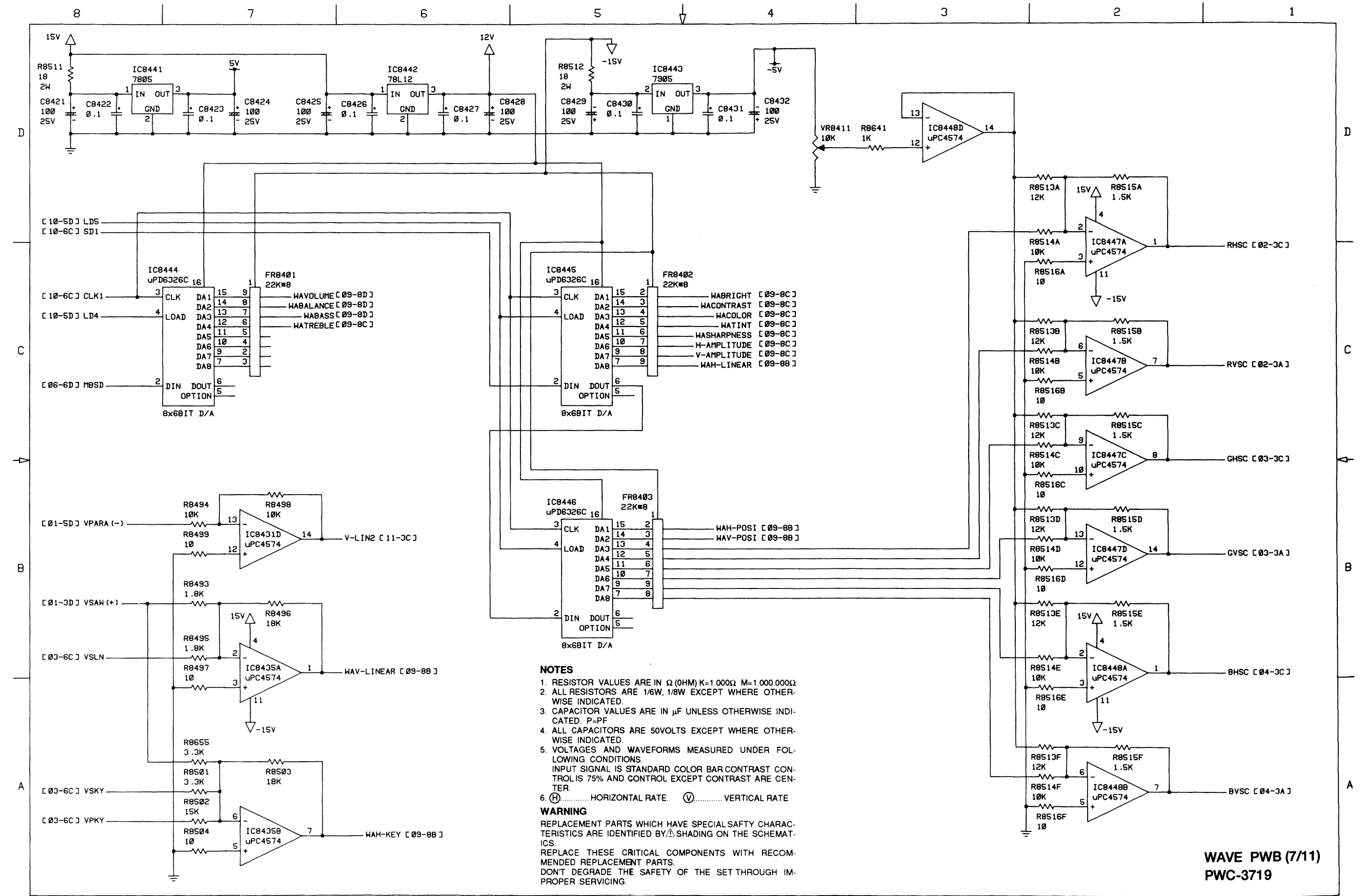


WAVE PWB (PWC-3719)



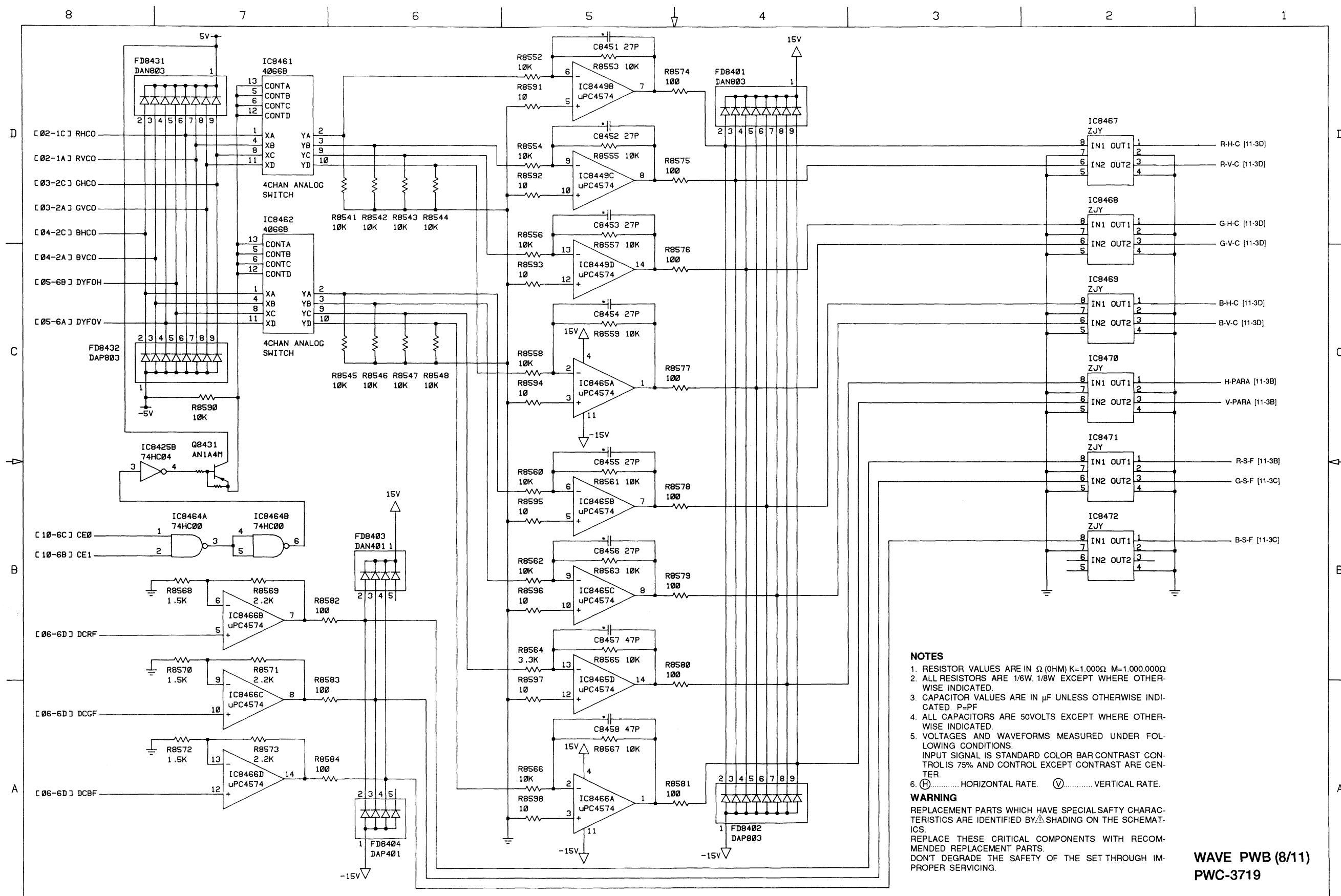


WAVE PWB (PWC-3719)



WAVE PWB (7/11)
PWC-3719

WAVE PWB (PWC-3719)



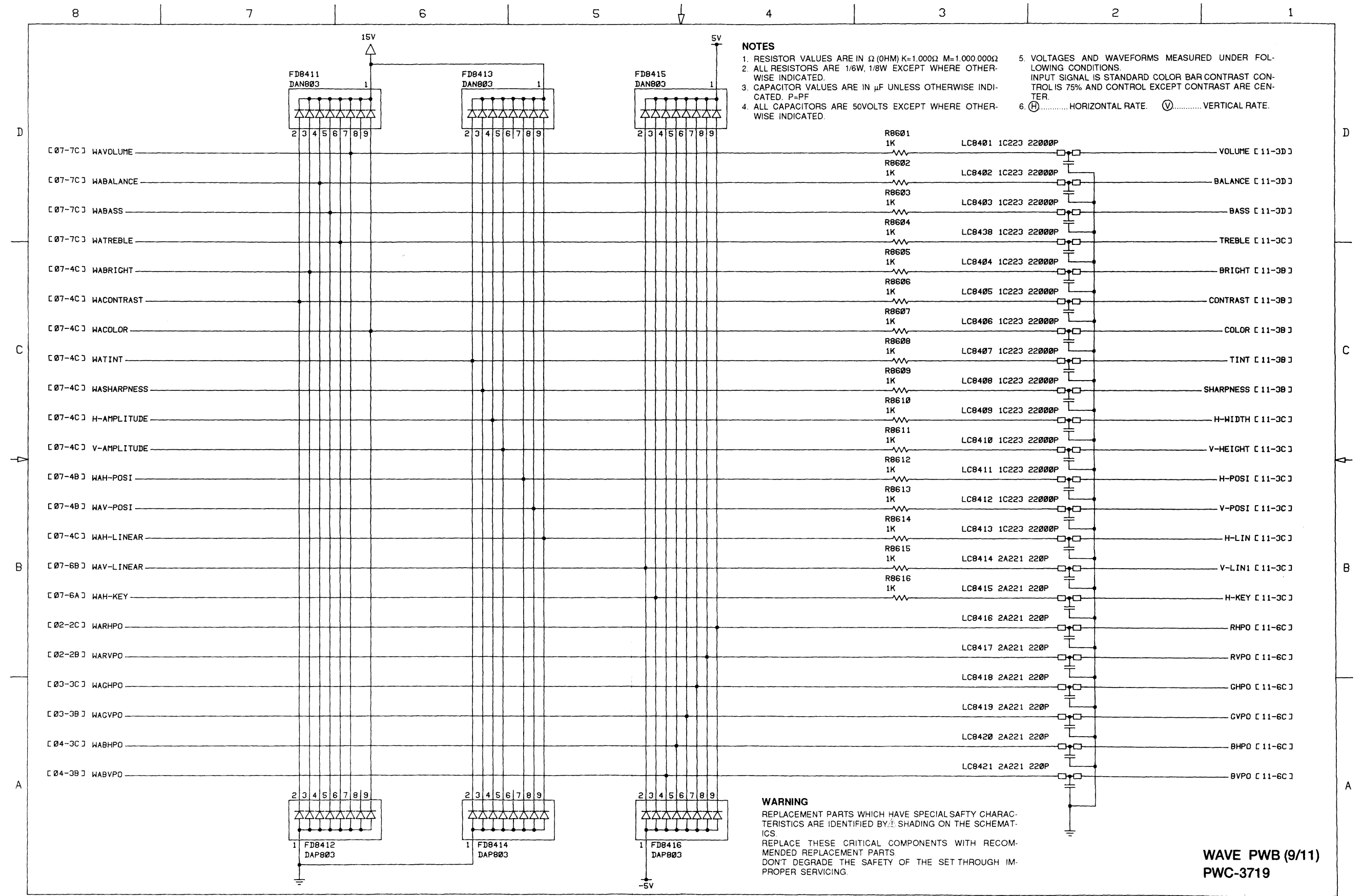
NOTES

1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
2. ALL RESISTORS ARE 1/8W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.
3. CAPACITOR VALUES ARE IN μ F UNLESS OTHERWISE INDICATED. P=PF
4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED.
5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS.
INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER.
6. (H)..... HORIZONTAL RATE. (V)..... VERTICAL RATE.

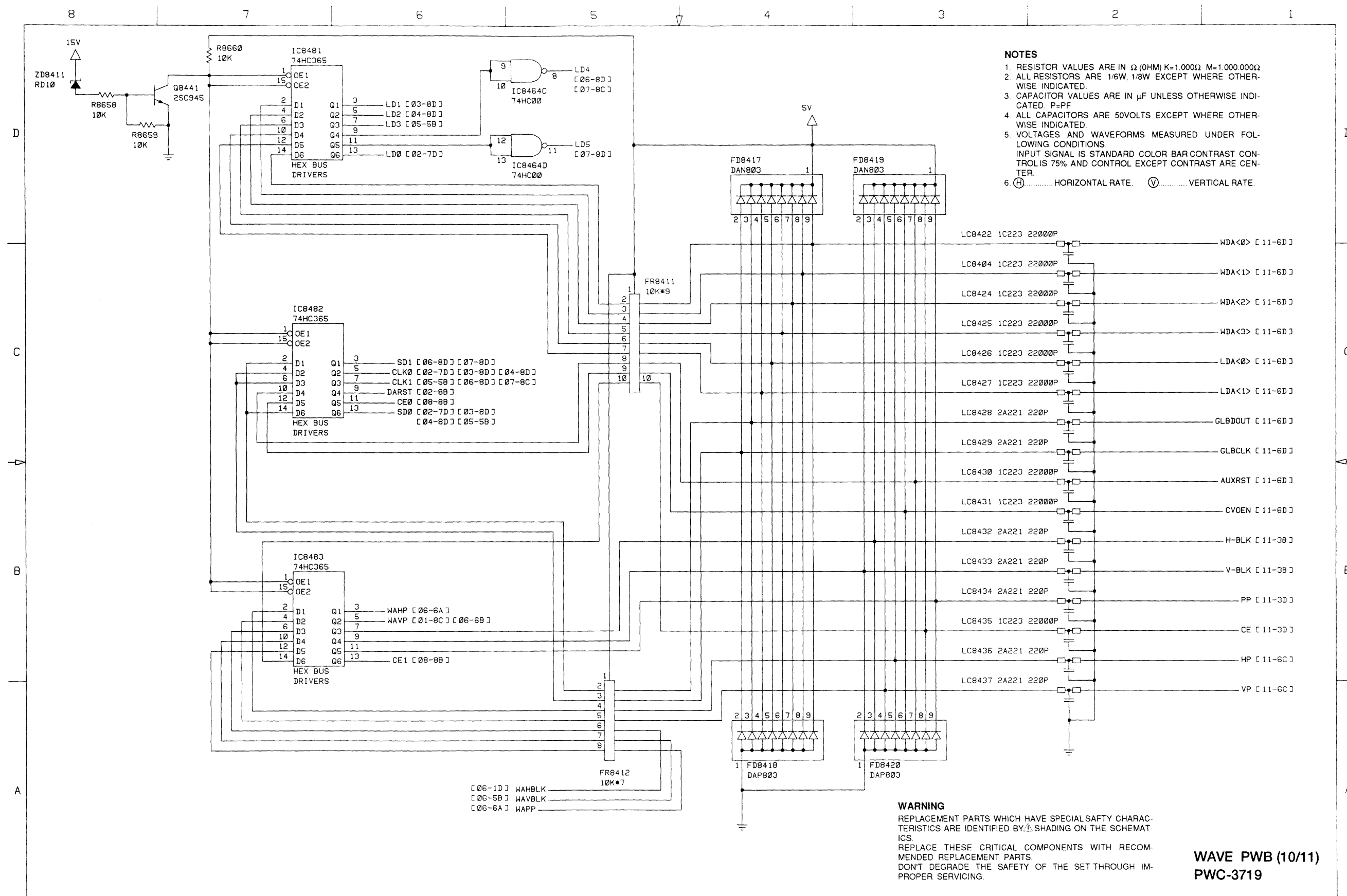
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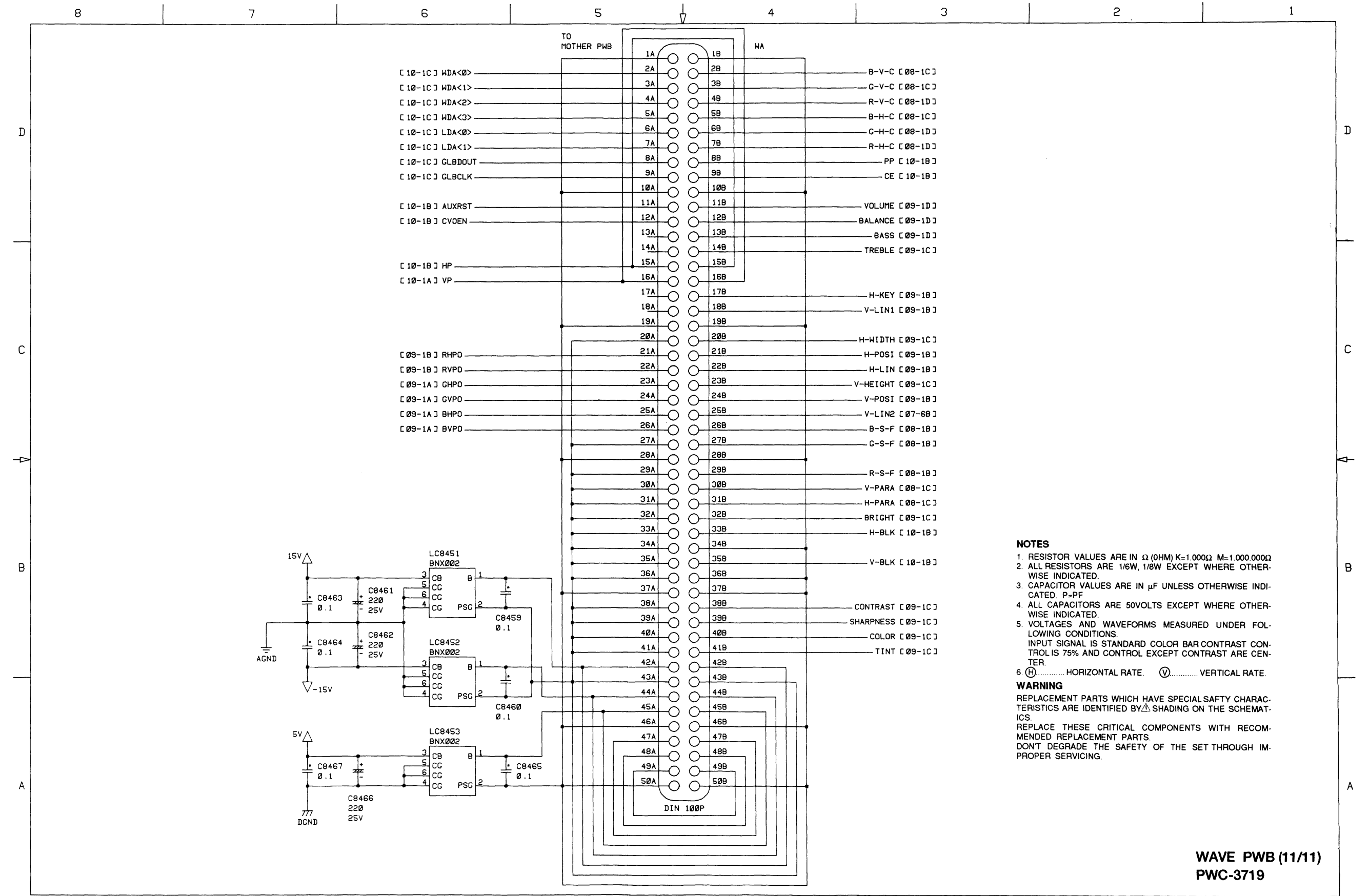
REPLACEMENT PARTS WHICH HAVE SPECIAL SAFETY CHARACTERISTICS ARE IDENTIFIED BY Δ SHADING ON THE SCHEMATICS.
REPLACE THESE CRITICAL COMPONENTS WITH RECOMMENDED REPLACEMENT PARTS.
DON'T DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

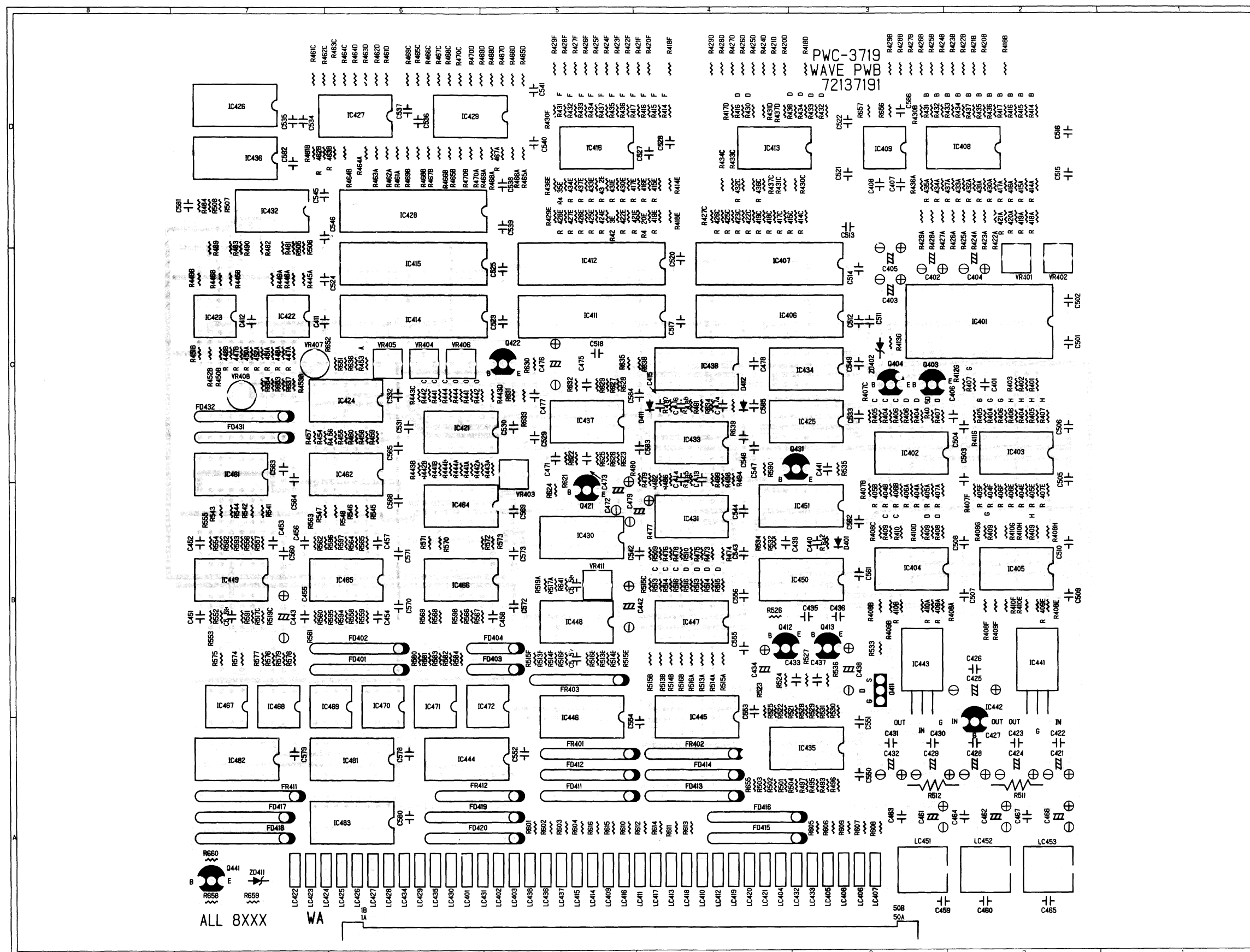
WAVE PWB (8/11)
PWC-3719

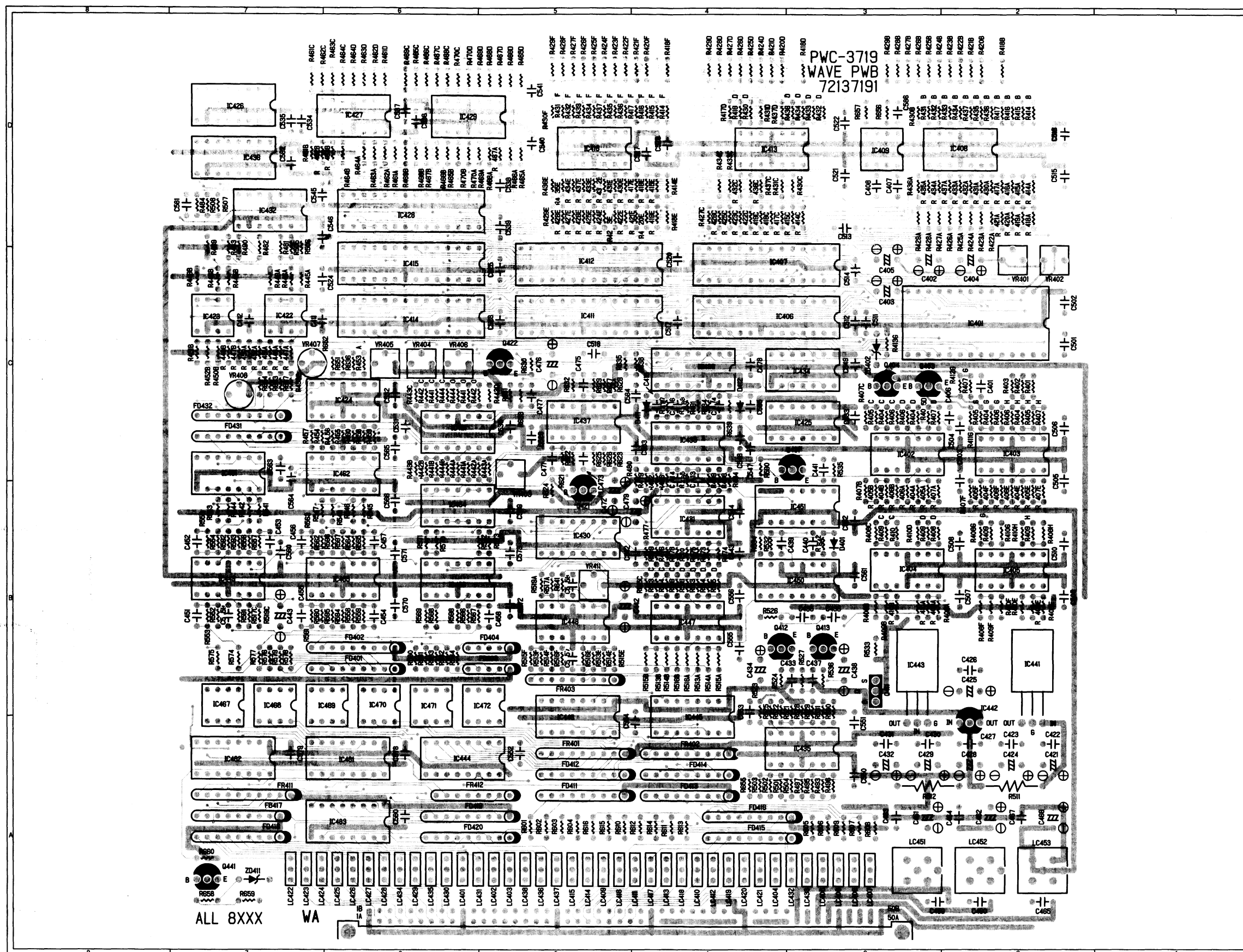


WAVE PWB (PWC-3719)





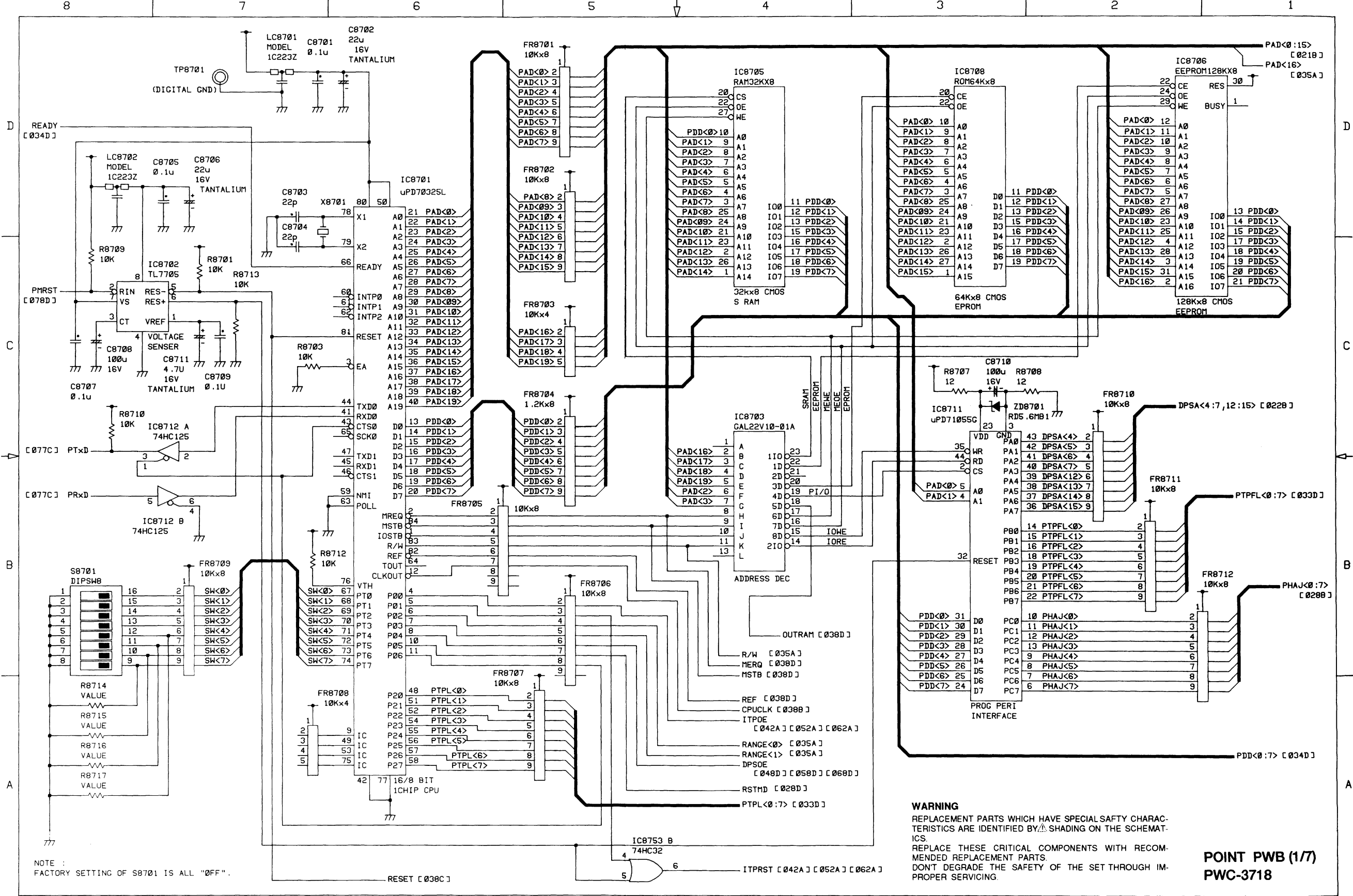




SCHEMATIC DIAGRAMS

POINT PWB (PWC-3718) • SCHEMATIC DIAGRAMS
• PWB (SOLDER SIDE)

- NOTES
1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
 2. ALL RESISTORS ARE 1/6W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.
 3. CAPACITOR VALUES ARE IN μ F UNLESS OTHERWISE INDICATED. P=PF
 4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED.
 5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS.
INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER
 6. \textcircled{H} HORIZONTAL RATE.
 \textcircled{V} VERTICAL RATE.



NOTE :
FACTORY SETTING OF S8701 IS ALL "OFF".

POINT PWB (1/7)
PWC-3718

POINT PWB (PWC-3718)

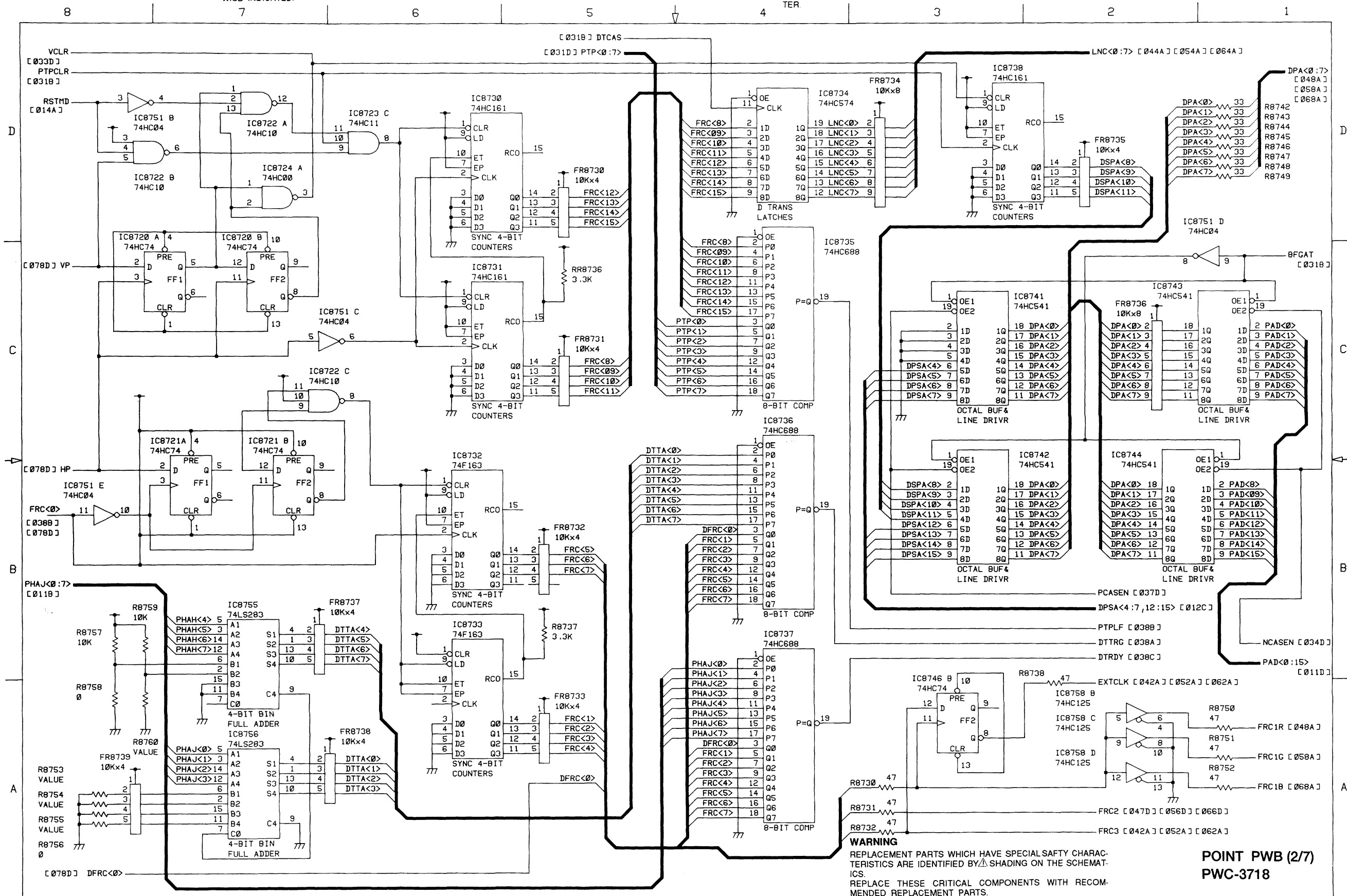
NOTES

1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
2. ALL RESISTORS ARE 1/6W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.


3. CAPACITOR VALUES ARE IN μF UNLESS OTHERWISE INDICATED. P=PF
4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED.

5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS.
INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER

6. (H)..... HORIZONTAL RATE
(V)..... VERTICAL RATE.



WARNING

REPLACEMENT PARTS WHICH HAVE SPECIAL SAFETY CHARACTERISTICS ARE IDENTIFIED BY  SHADING ON THE SCHEMATICS.
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POINT PWB (2/7)
PWC-3718

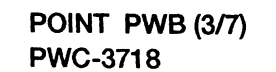
DON'T DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

POINT PWB (PWC-3718)

1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
2. ALL RESISTORS ARE 1/6W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.

5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS.
INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER

Ⓟ..... VERTICAL RATE.



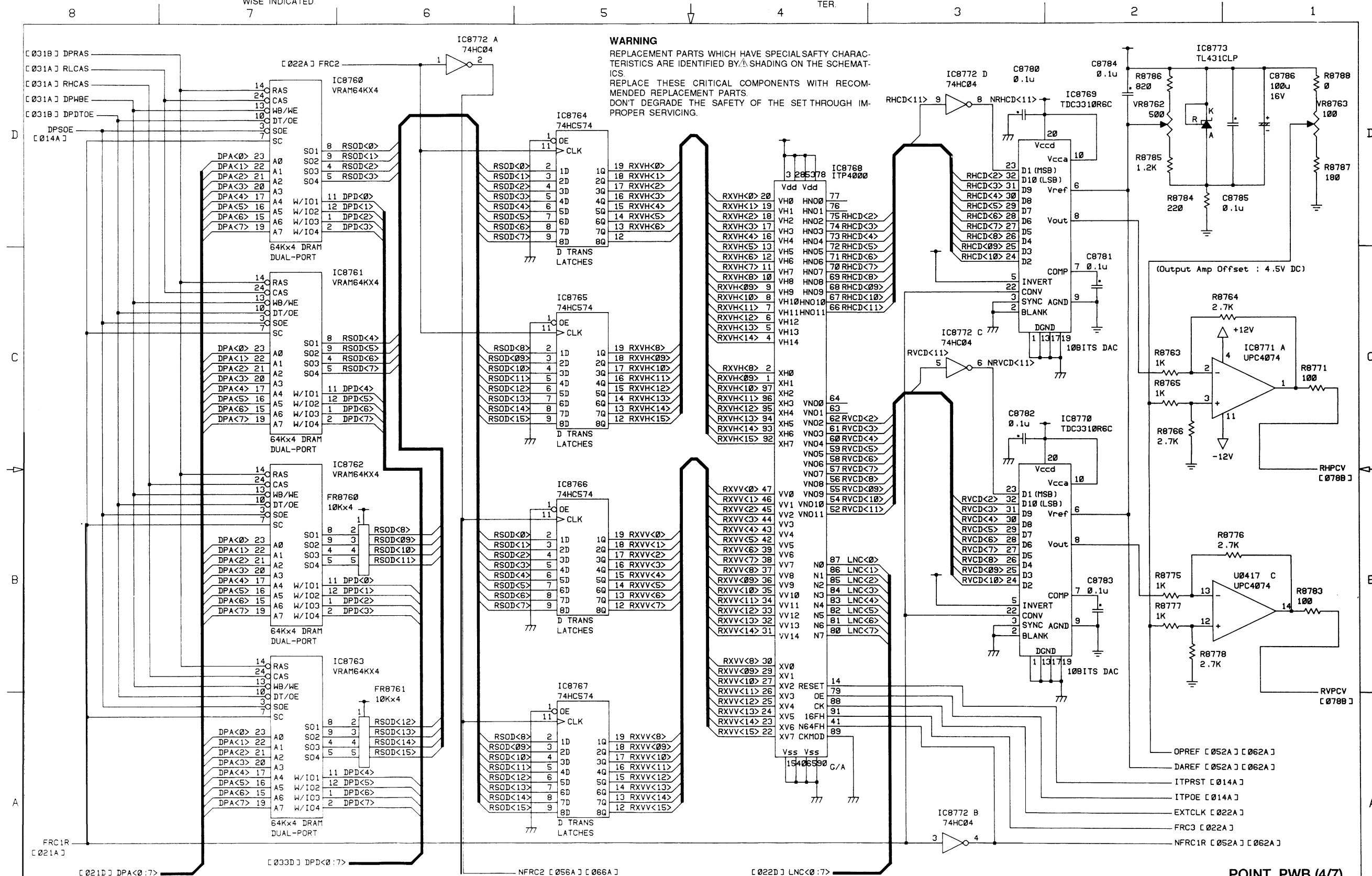
NOTES

1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
2. ALL RESISTORS ARE 1/6W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.

3. CAPACITOR VALUES ARE IN μF UNLESS OTHERWISE INDICATED. P=PF
4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED.

5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS.
INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER

6. (H)..... HORIZONTAL RATE.
(V)..... VERTICAL RATE.



POINT PWB (4/7)
PWC-3718

SCHEMATIC DIAGRAMS

POINT PWB (PWC-3718)

NOTES

1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
2. ALL RESISTORS ARE 1/8W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.

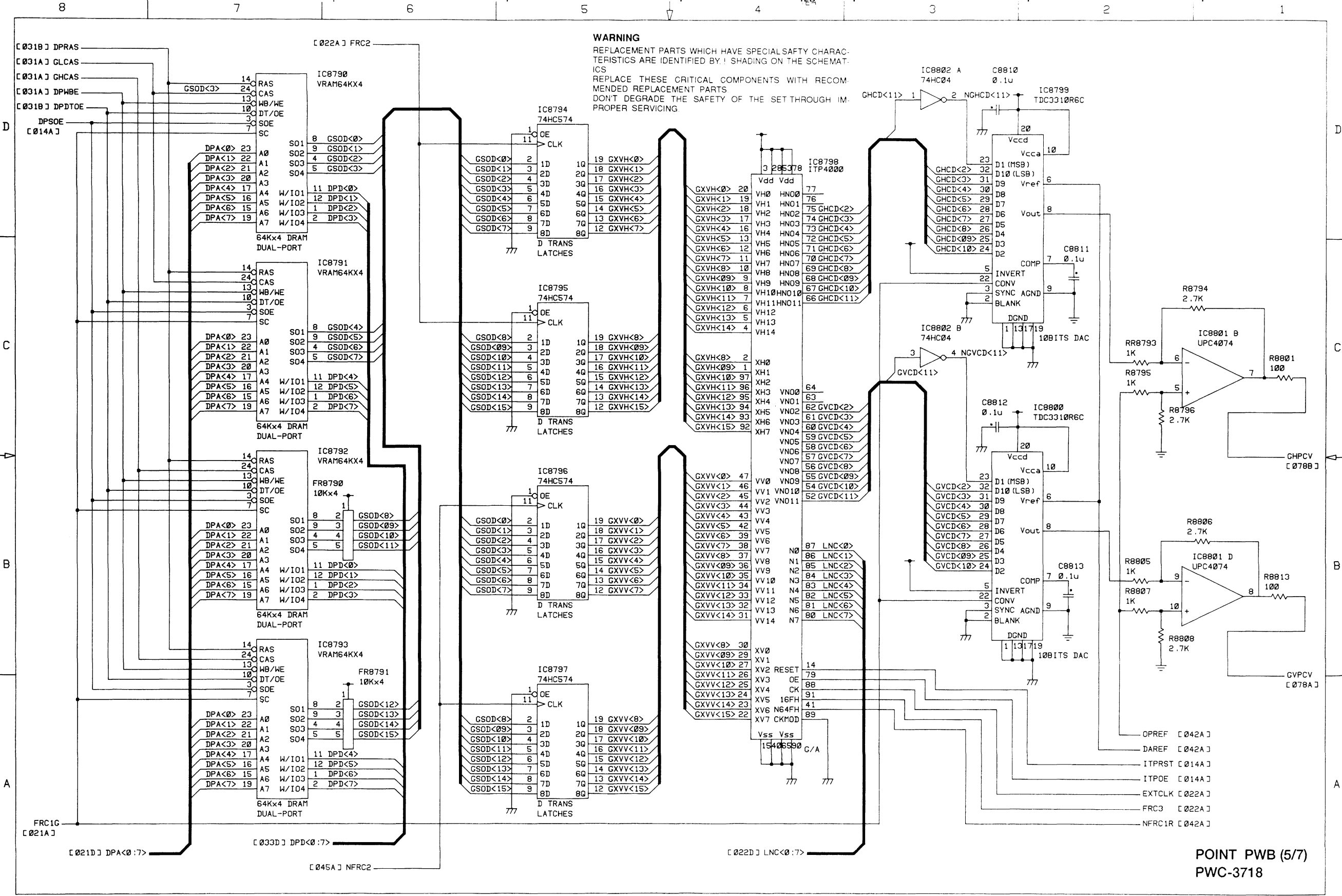
3. CAPACITOR VALUES ARE IN μ F UNLESS OTHERWISE INDICATED. P=PF
4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED.

5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS.
INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER

6. (H)..... HORIZONTAL RATE.
(V)..... VERTICAL RATE.

WARNING

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DON'T DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING



POINT PWB (5/7)
PWC-3718

POINT PWB (PWC-3718)

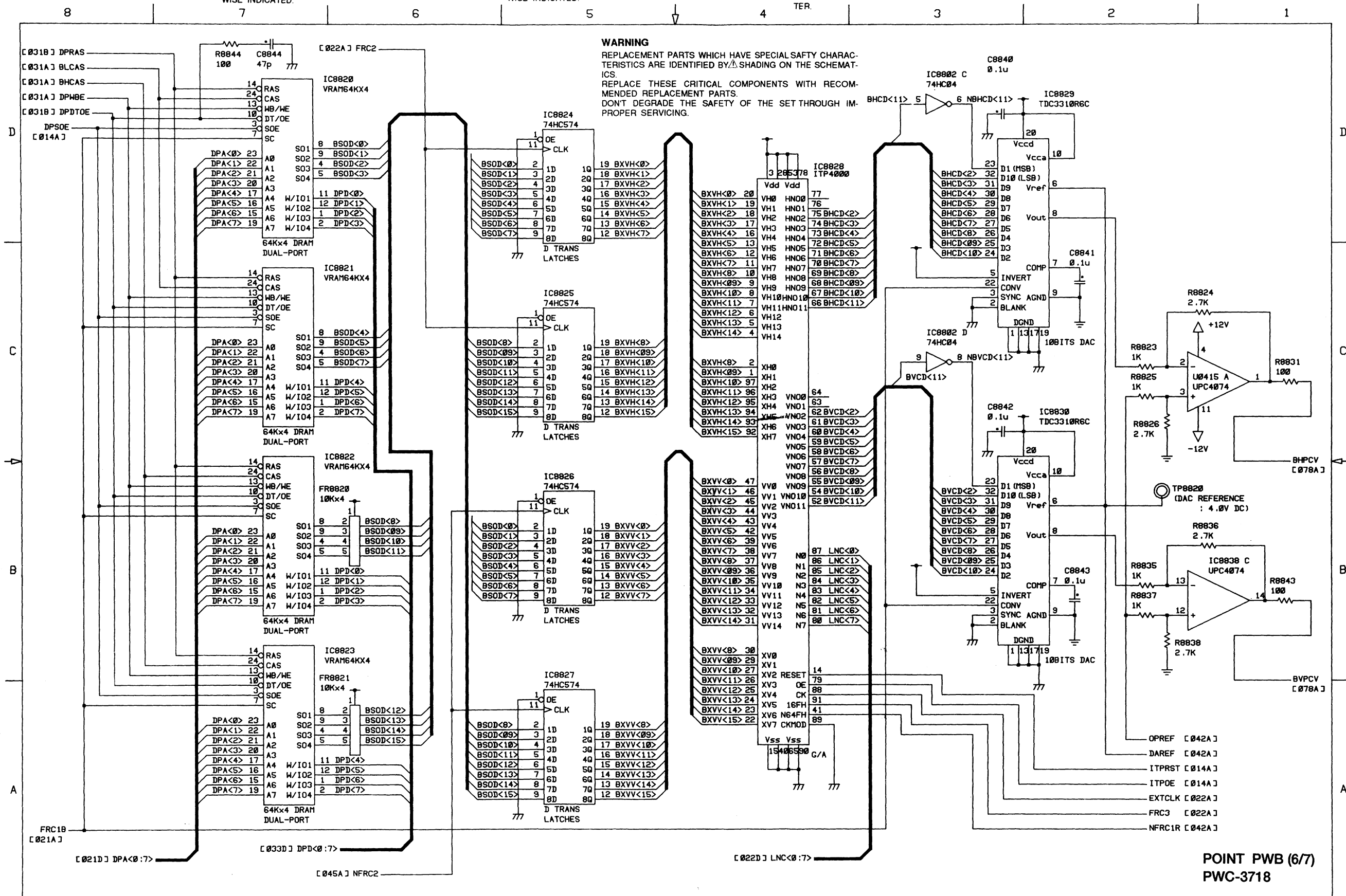
NOTES

1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
2. ALL RESISTORS ARE 1/8W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.

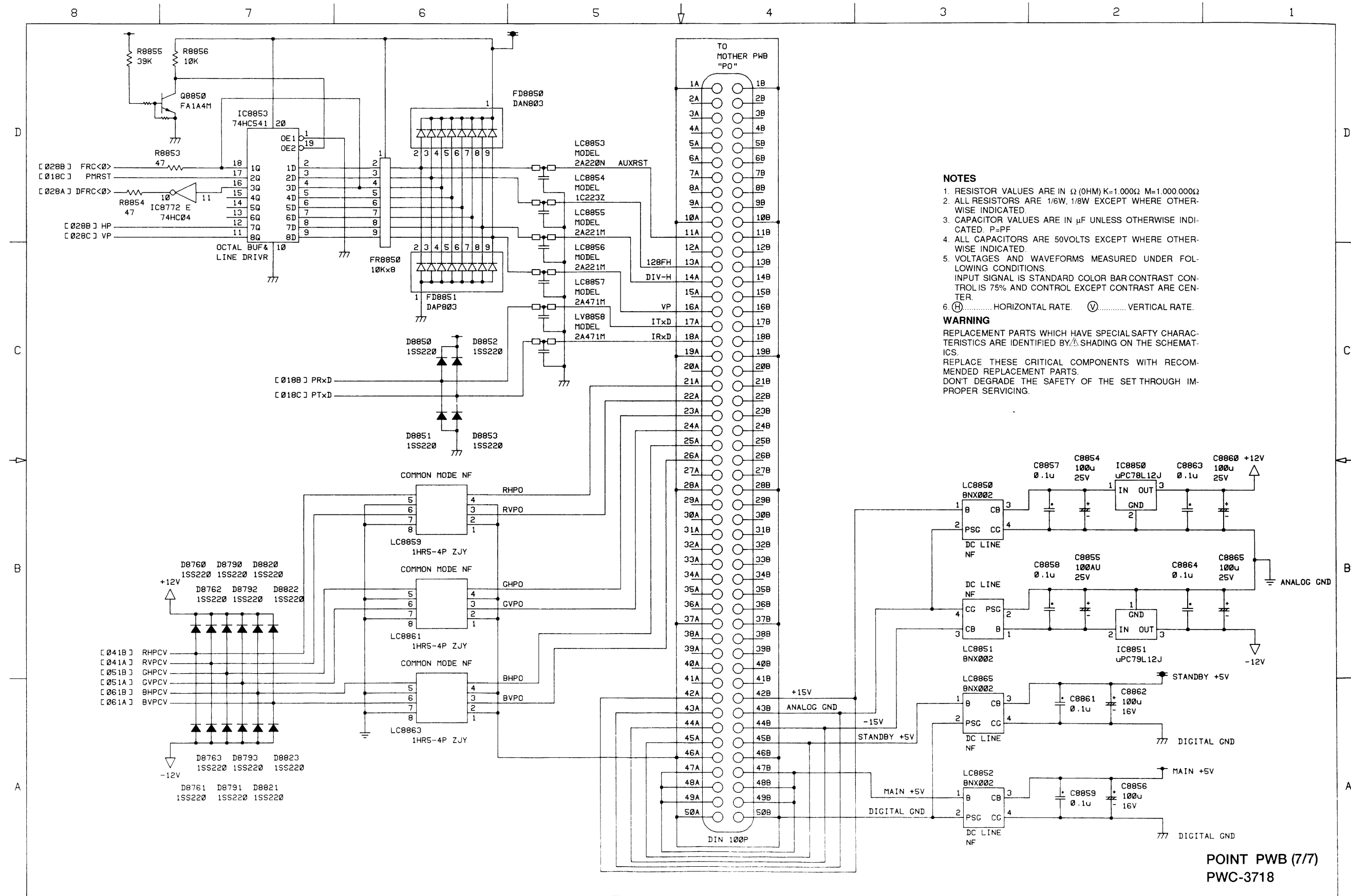
3. CAPACITOR VALUES ARE IN μ F UNLESS OTHERWISE INDICATED. P=PF
4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED.

5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS.
INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER.

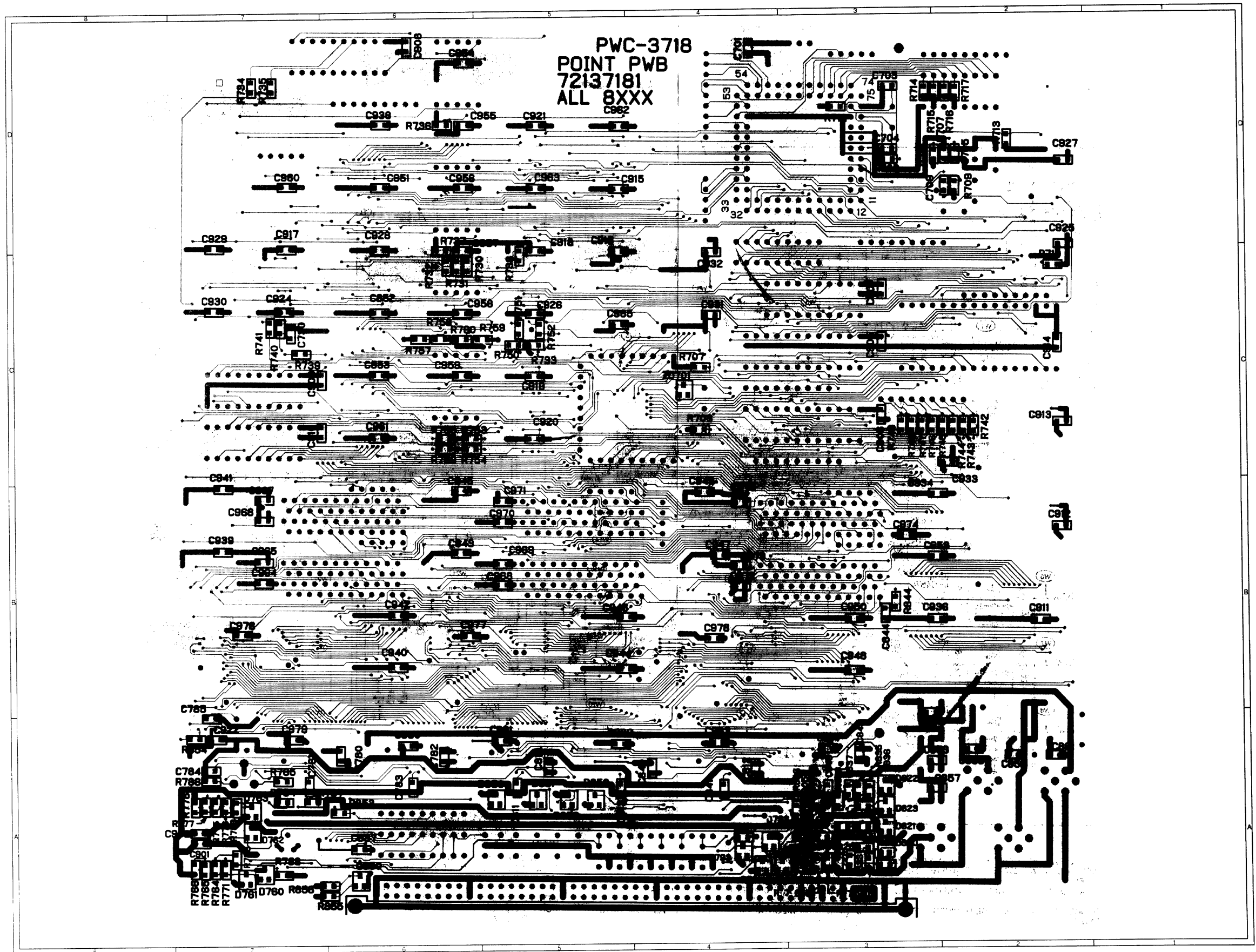
6. (H)..... HORIZONTAL RATE.
(V)..... VERTICAL RATE.



POINT PWB (PWC-3718)

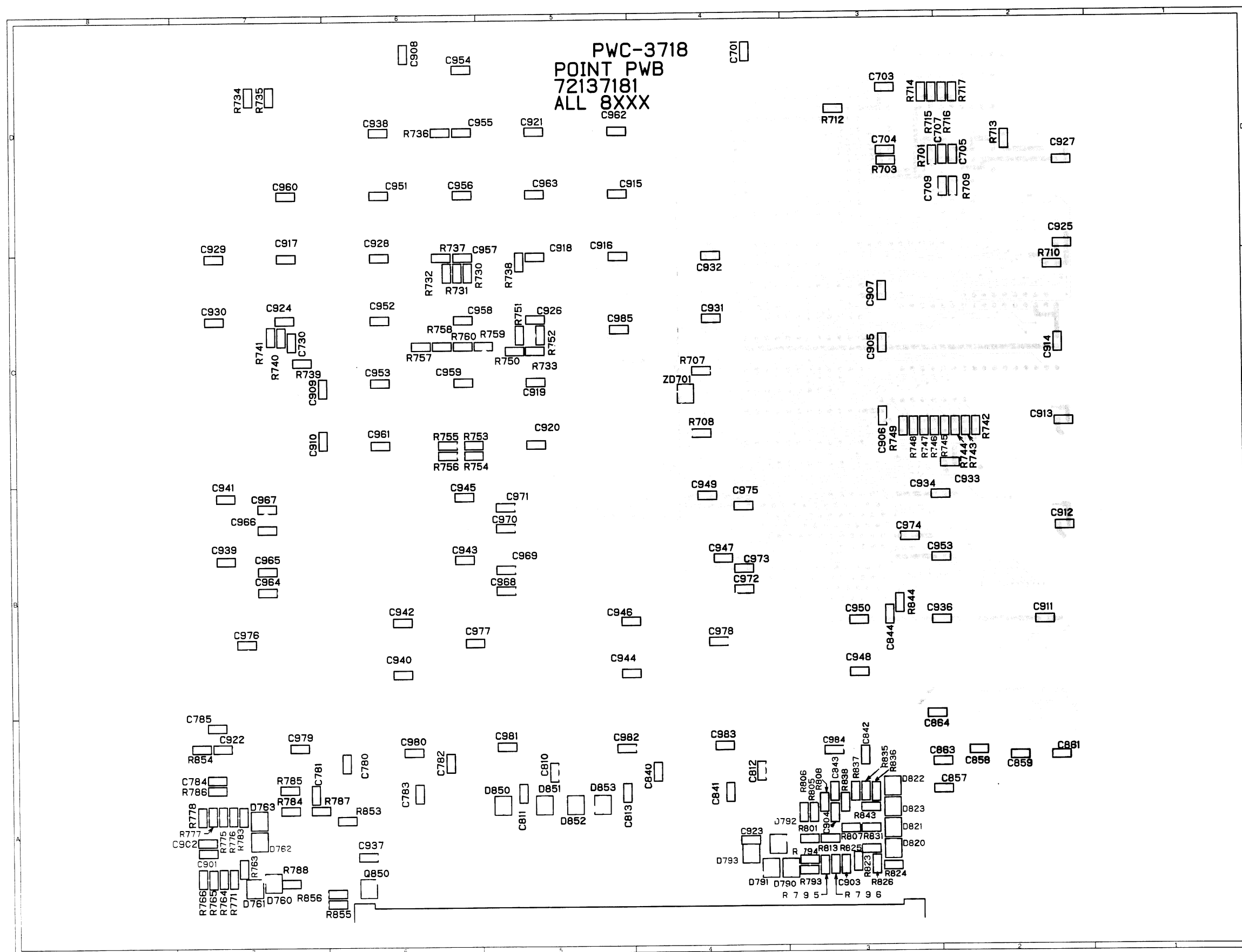


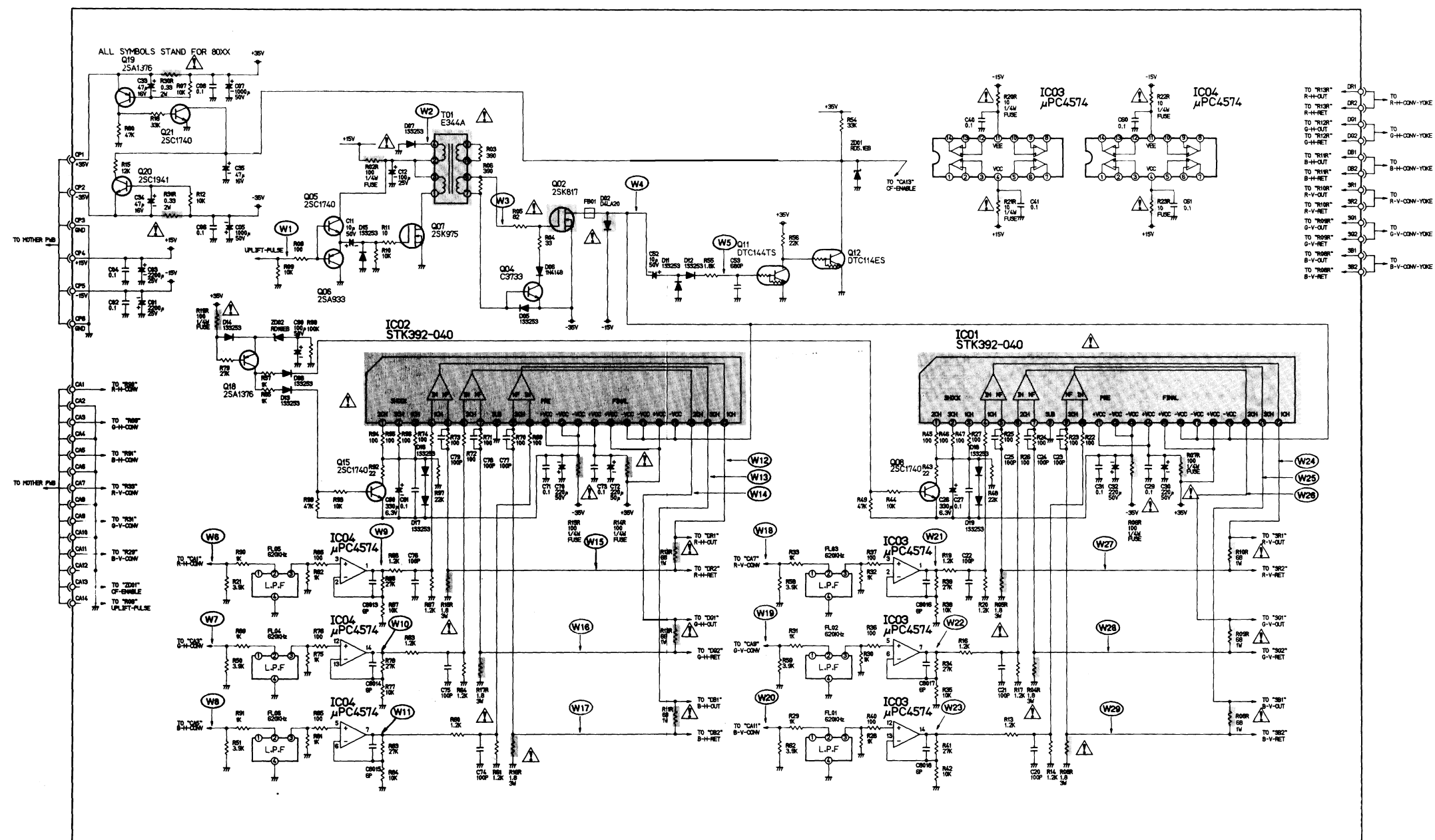
POINT PWB (PWC-3718)



C701







NOTES

1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000.0 M=1,000,000.0
2. ALL RESISTORS ARE 1/6W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.
3. CAPACITOR VALUES ARE IN μ F UNLESS OTHERWISE INDICATED. P=PF
4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED.

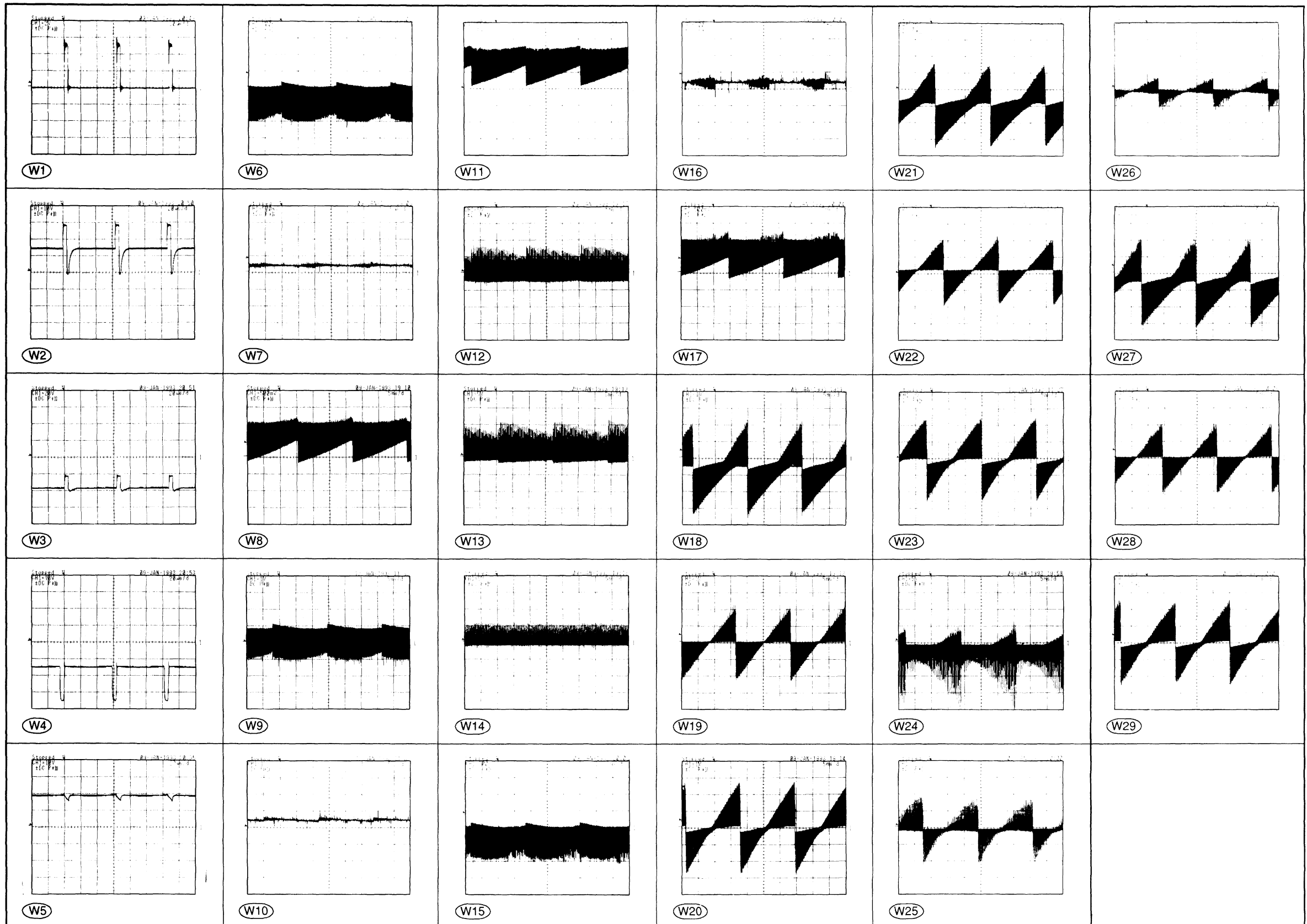
5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS.
INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER.
6. (H)..... HORIZONTAL RATE. (V)..... VERTICAL RATE.

WARNING

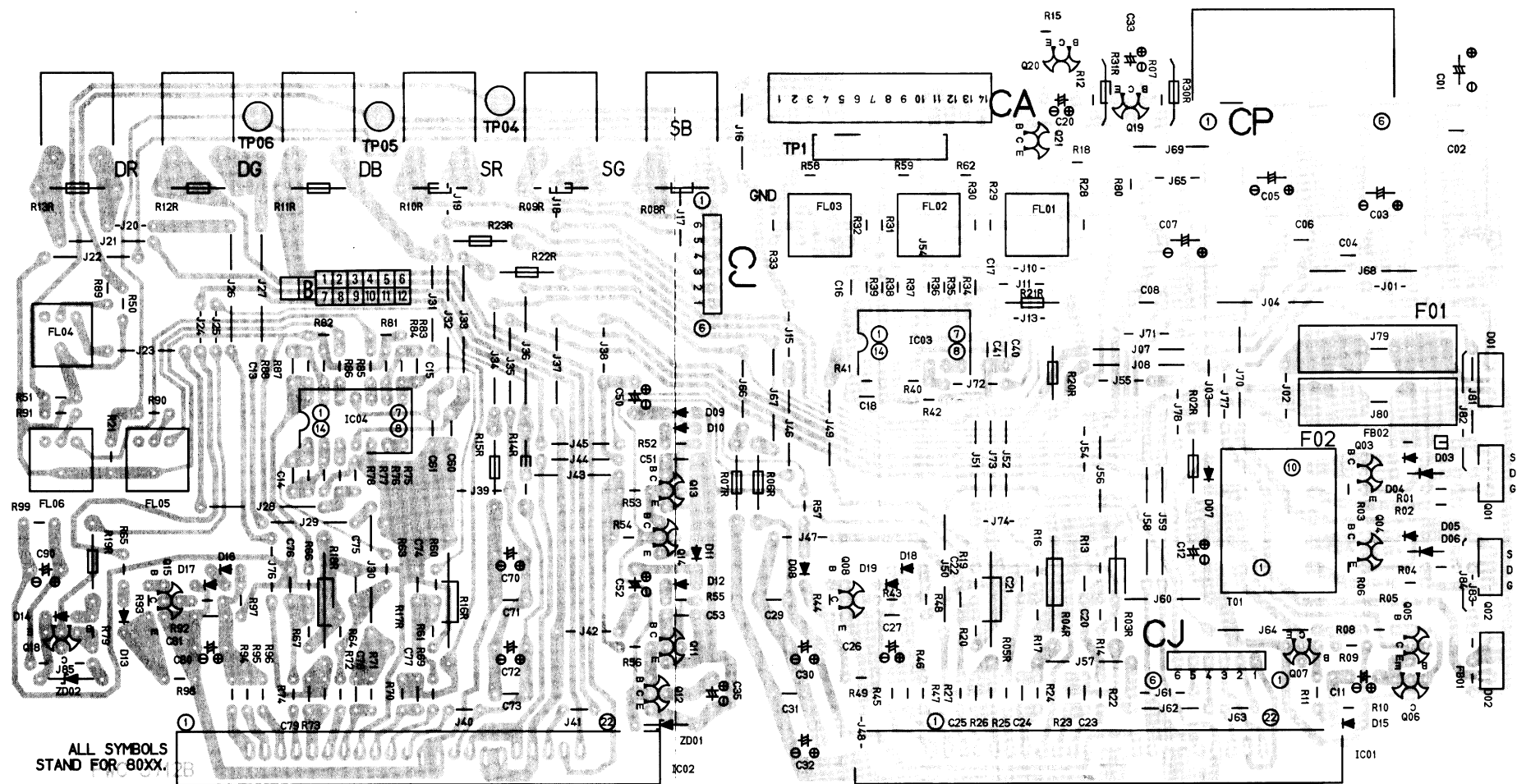
REPLACEMENT PARTS WHICH HAVE SPECIAL SAFETY CHARACTERISTICS ARE IDENTIFIED BY Δ SHADING ON THE SCHEMATICS. REPLACE THESE CRITICAL COMPONENTS WITH RECOMMENDED REPLACEMENT PARTS. DON'T DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

C-DRIVE PWB
PWC-3712B

C-DRIVE PWB (PWC-3712B)



SCHEMATIC DIAGRAMS
C-DRIVE PWB (PWC-3712B)



F-DRIVE PWB (PWC-3712A)
PWC-3712A• SCHEMATIC DIAGRAMS
• WAVEFORM

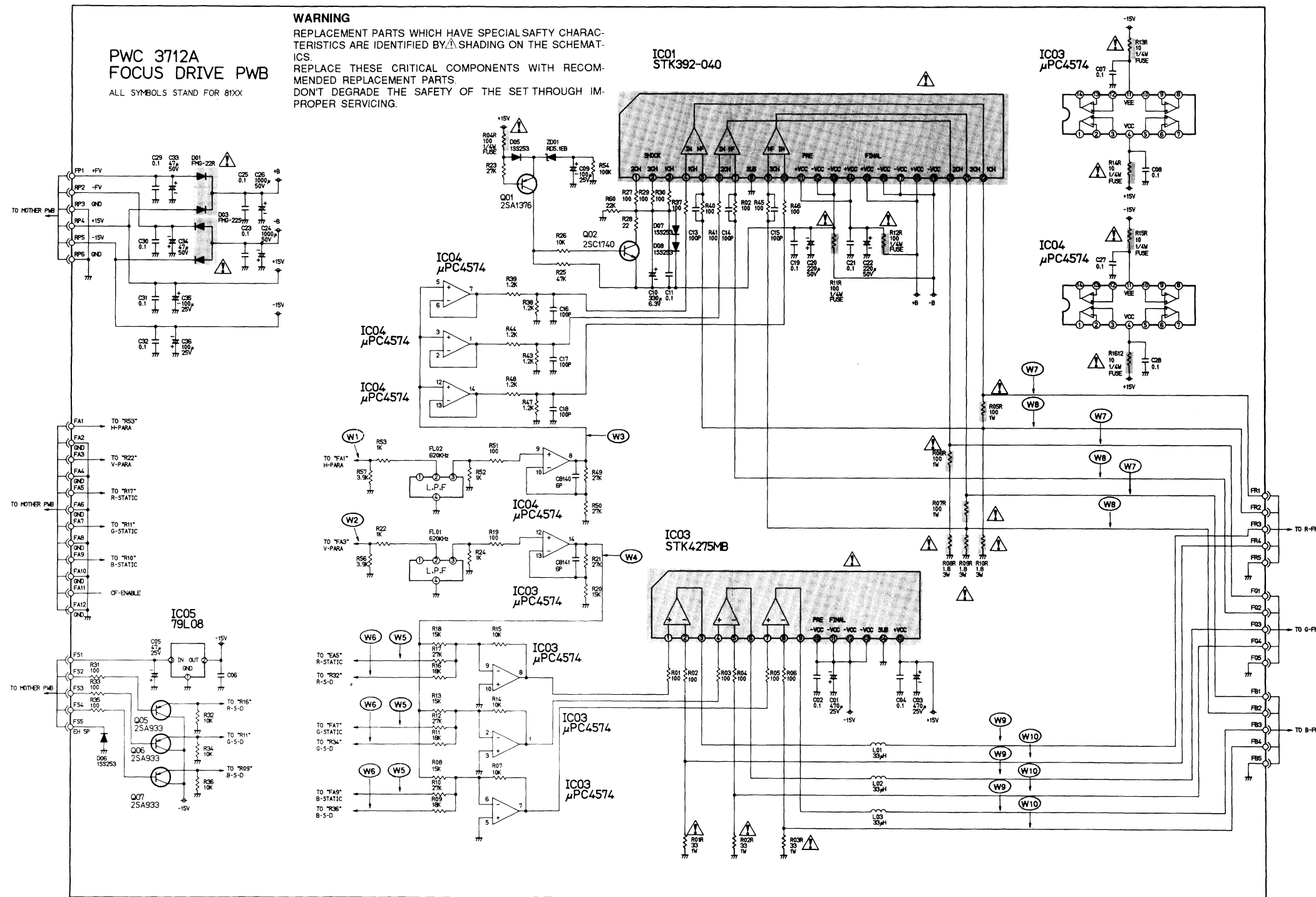
• PWB (SOLDER SIDE)

PWC 3712A
FOCUS DRIVE PWB

ALL SYMBOLS STAND FOR 81XX

WARNING

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NOTES

1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
2. ALL RESISTORS ARE 1/6W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.
3. CAPACITOR VALUES ARE IN μ F UNLESS OTHERWISE INDICATED. P=PF

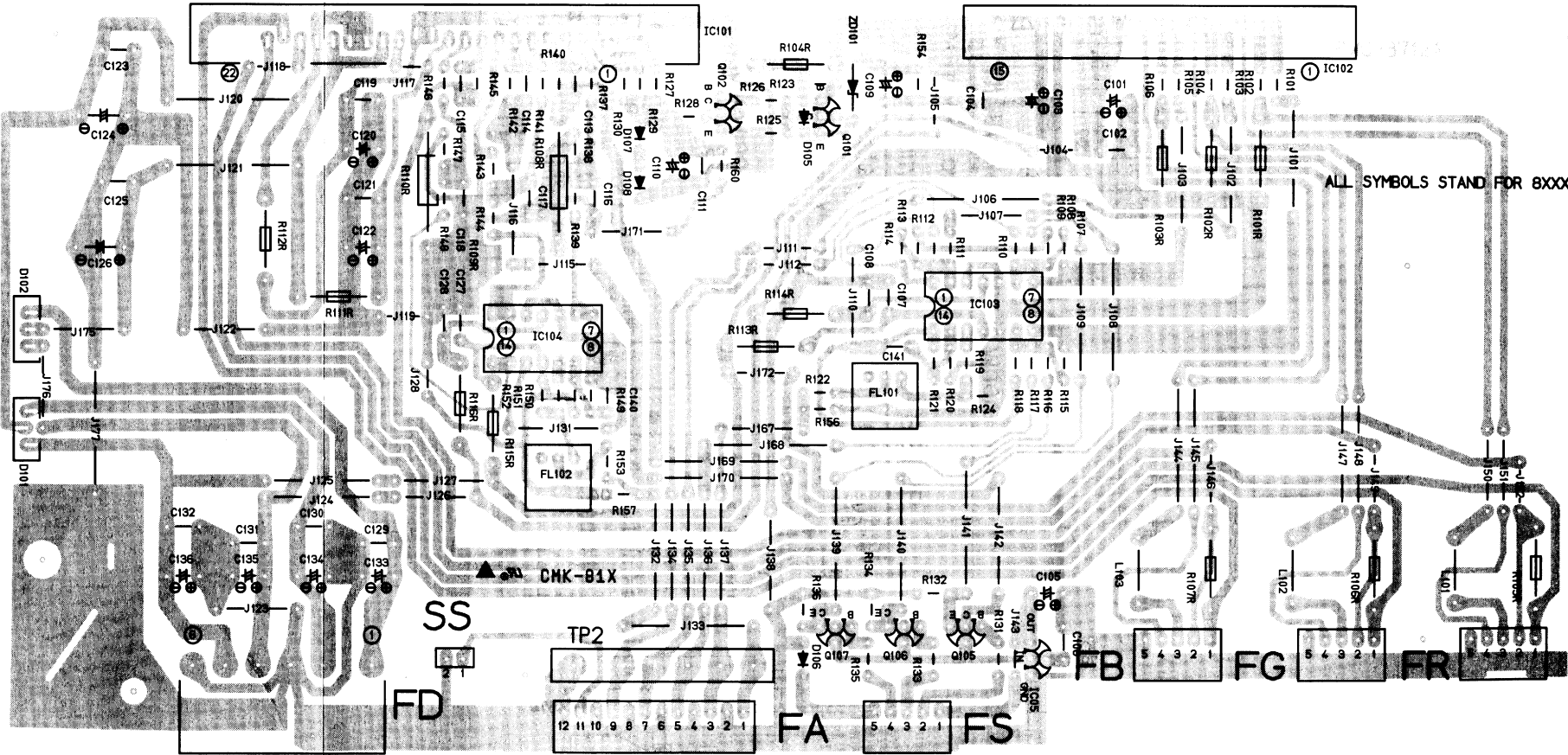
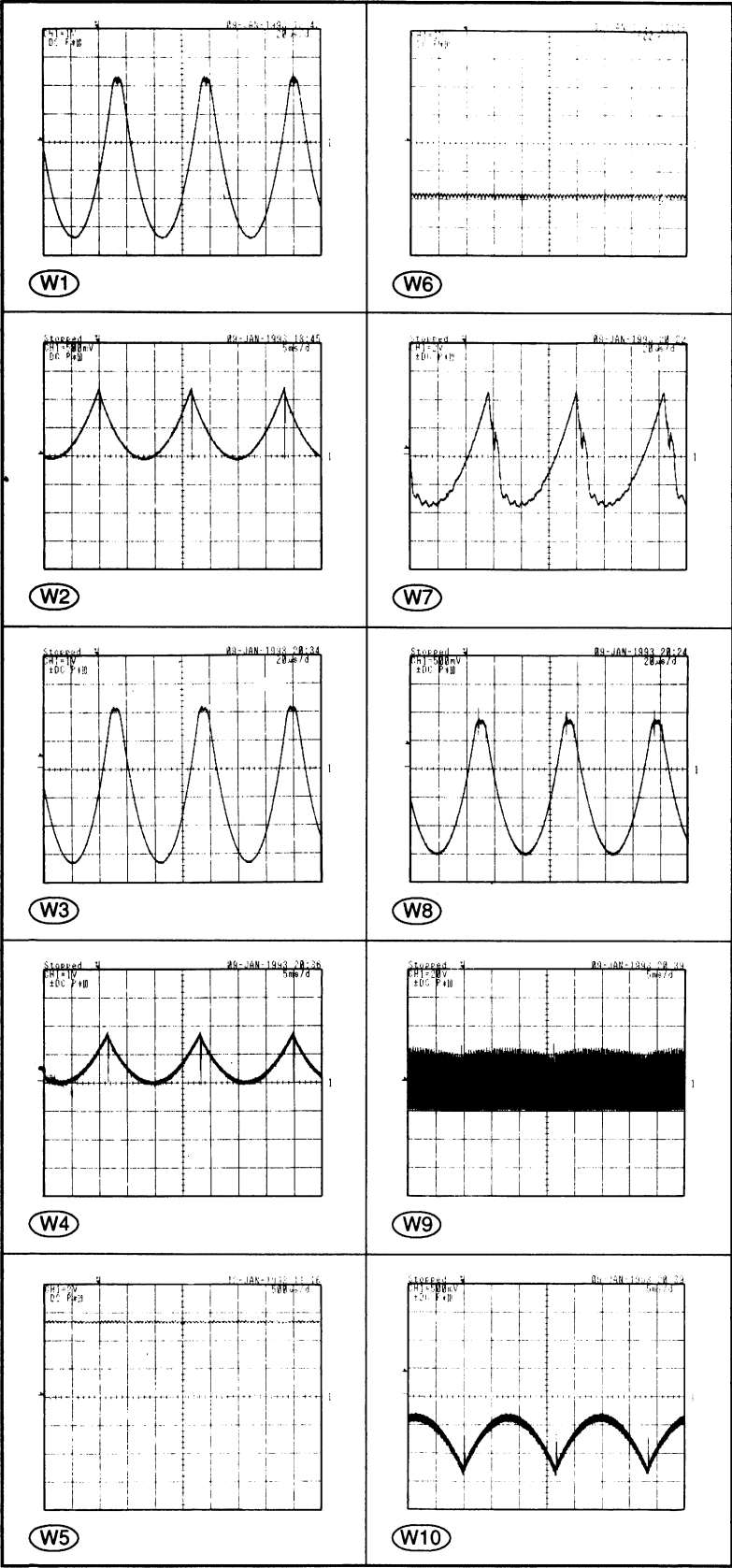
4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED
5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS.
INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER.

V..... VERTICAL RATE.

F-DRIVE PWB
PWC-3712A

SCHEMATIC DIAGRAMS

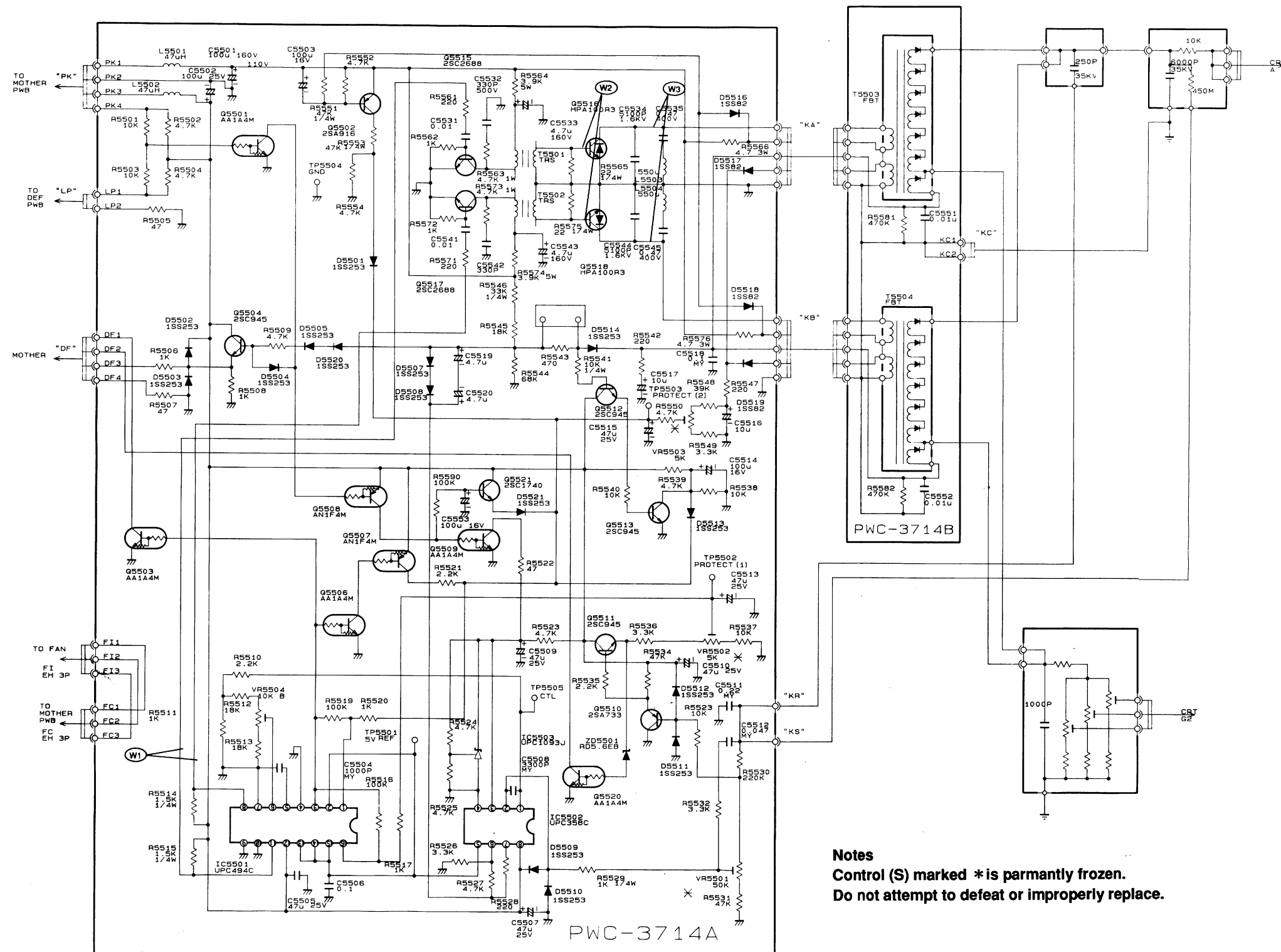
F-DRIVE PWB (PWC-3712A)



HV PWB (PWC-3714)

• SCHEMATIC DIAGRAMS
• WAVEFORM

• PWB (SOLDER SIDE)

**Notes**

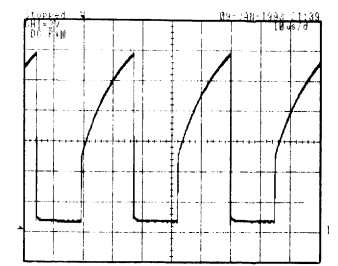
Control (S) marked * is permanently frozen.
Do not attempt to defeat or improperly replace.

NOTES

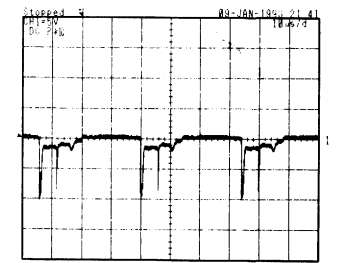
1. RESISTOR VALUES ARE IN Ω (OHM) K=1.000 Ω M=1.000.000 Ω
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5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS.
INPUT SIGNAL IS STANDARD COLOR BAR
CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER.
6. (H).....HORIZONTAL RATE. (V).....VERTICAL RATE.

WARNING

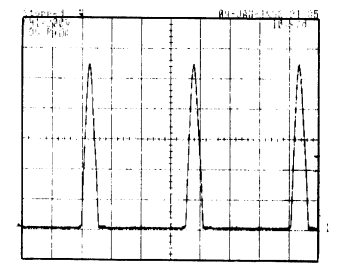
REPLACEMENT PARTS WHICH HAVE SPECIAL SAFETY CHARACTERISTICS ARE IDENTIFIED BY Δ SHADING ON THE SCHEMATICS. REPLACE THESE CRITICAL COMPONENTS WITH RECOMMENDED REPLACEMENT PARTS. DON'T DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.



W1

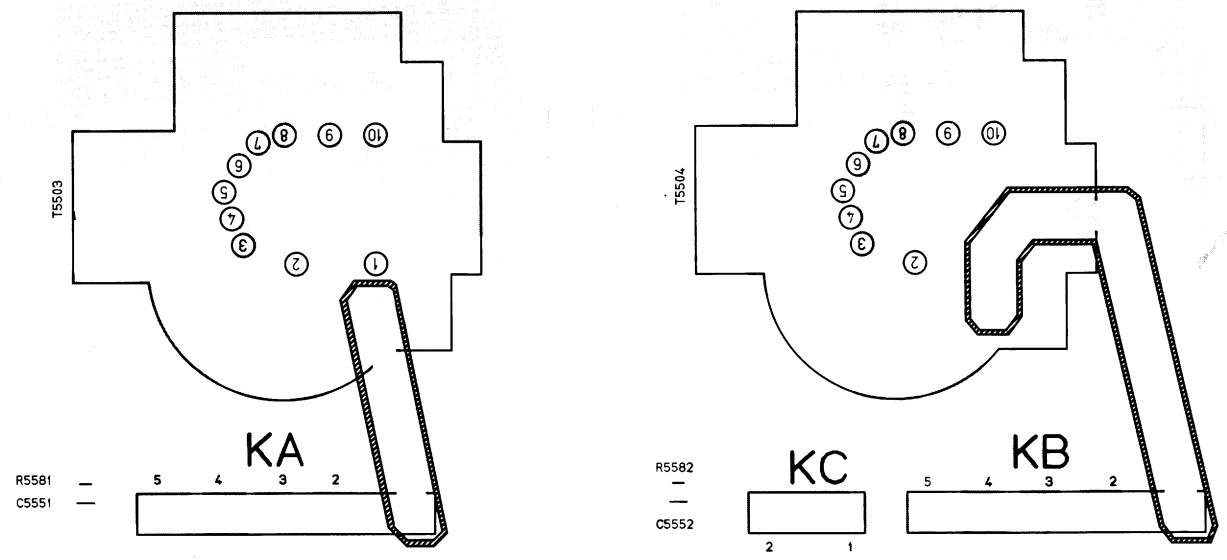
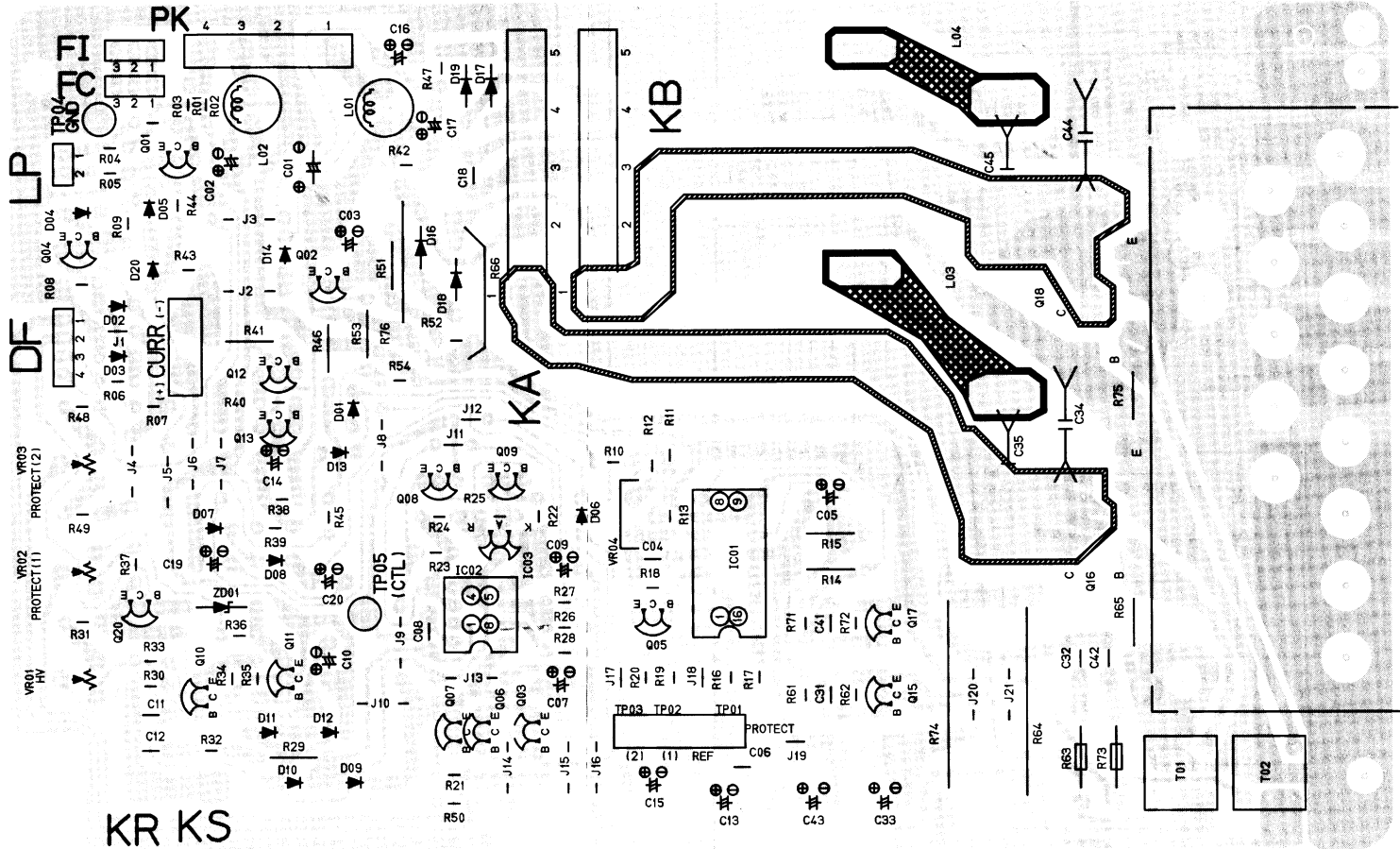


W2



W3

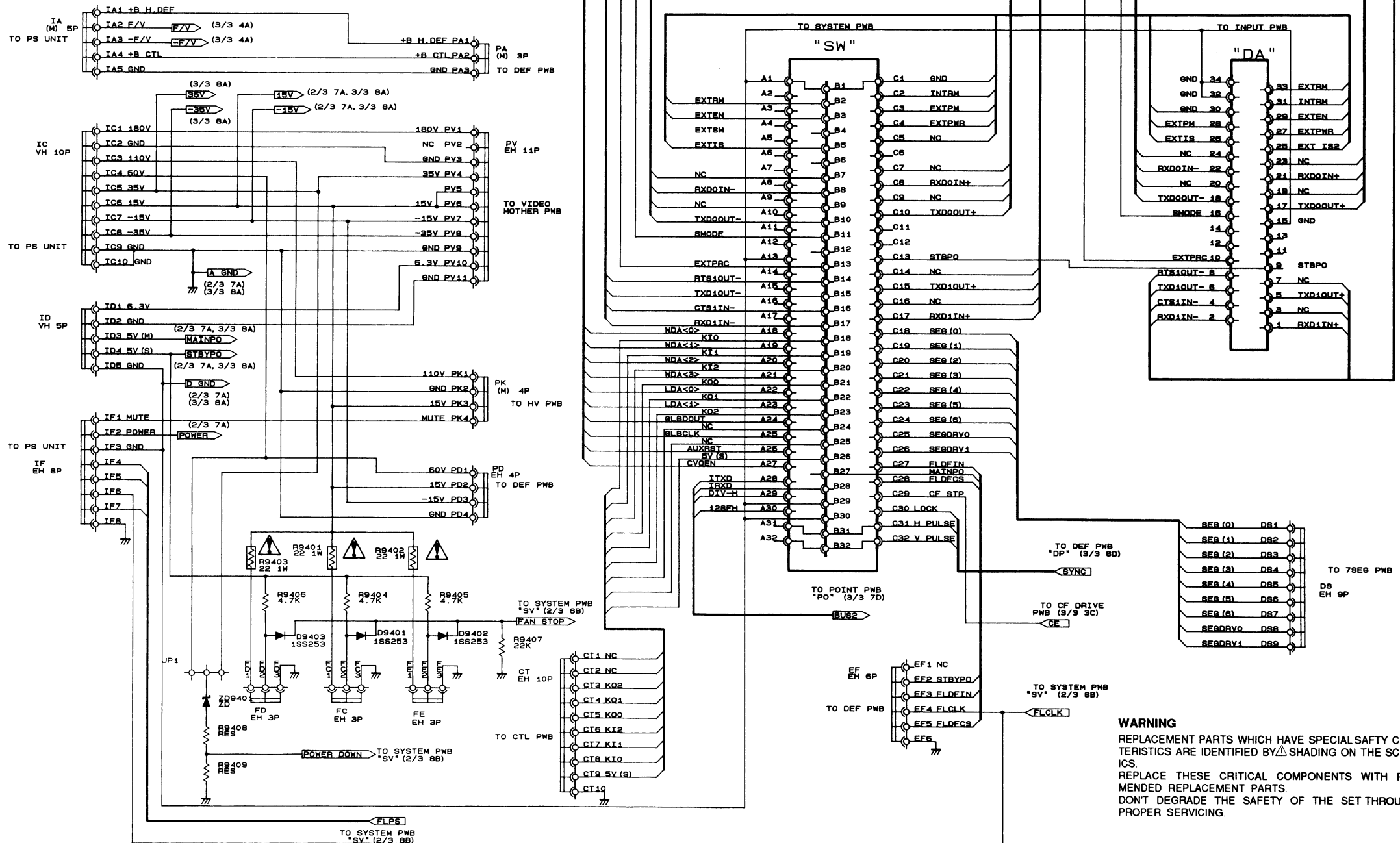
HV PWB
PWC-3714



MOTHER PWB (PWC-3710A) • SCHEMATIC DIAGRAMS • PWB (SOLDER SIDE)

NOTES

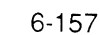
1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
2. ALL RESISTORS ARE 1/6W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.
3. CAPACITOR VALUES ARE IN μ F UNLESS OTHERWISE INDICATED. P=PF
4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED.
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INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER.
6. (H)..... HORIZONTAL RATE. (V)..... VERTICAL RATE.

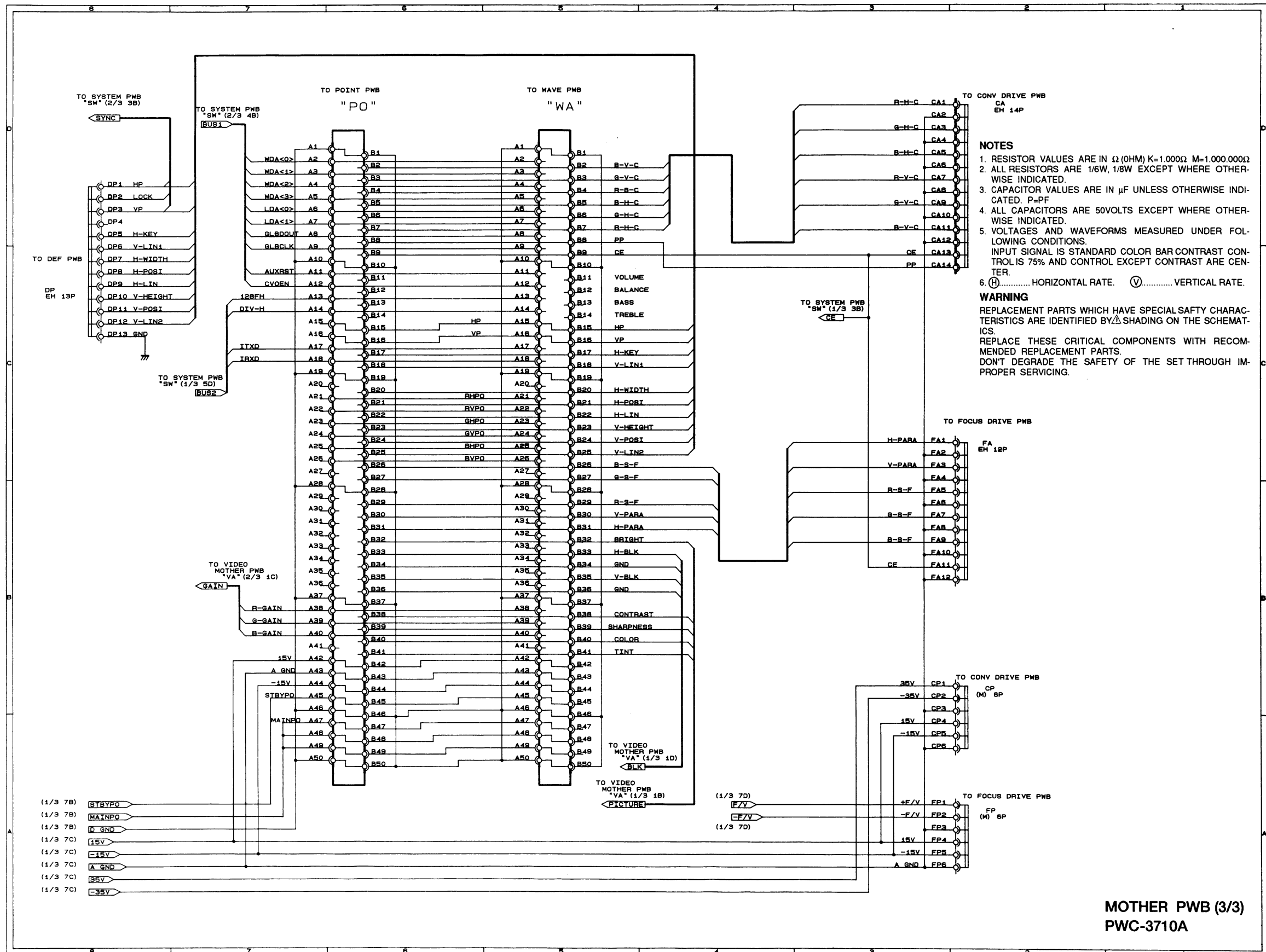


WARNING

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MOTHER PWB (1/3)
PWC-3710A



MOTHER PWB (PWC-3710A)
PWC-3710A
**NOTES**

1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
2. ALL RESISTORS ARE 1/6W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.
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6. (H)..... HORIZONTAL RATE. (V)..... VERTICAL RATE.

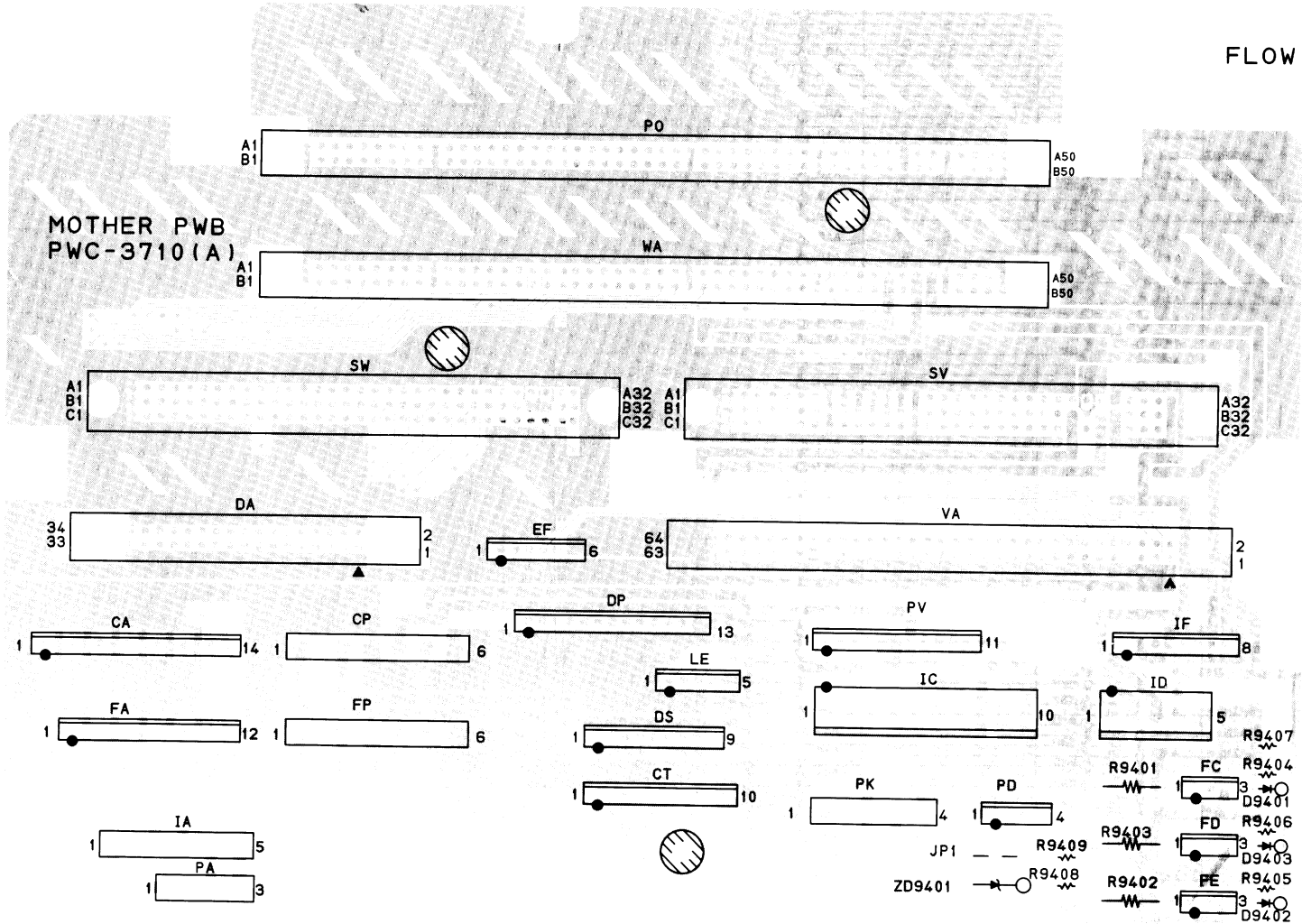
WARNING

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MOTHER PWB (3/3)
PWC-3710A

SCHEMATIC DIAGRAMS

MOTHER PWB (PWC-3710A)




PS-A PWB (PWC-3734)
PWC-3734

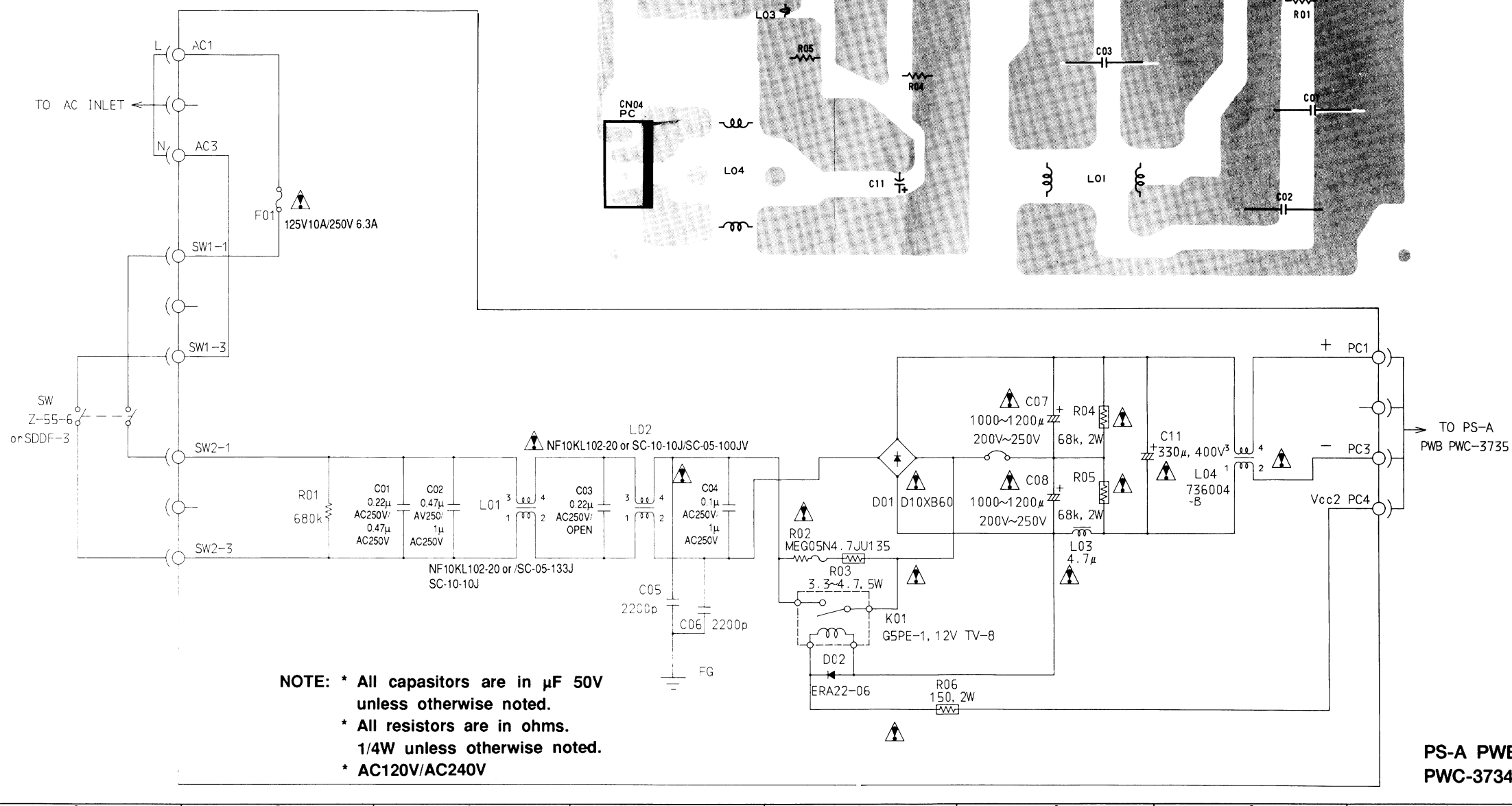
• SCHEMATIC DIAGRAMS
• PWB (SOLDER SIDE)

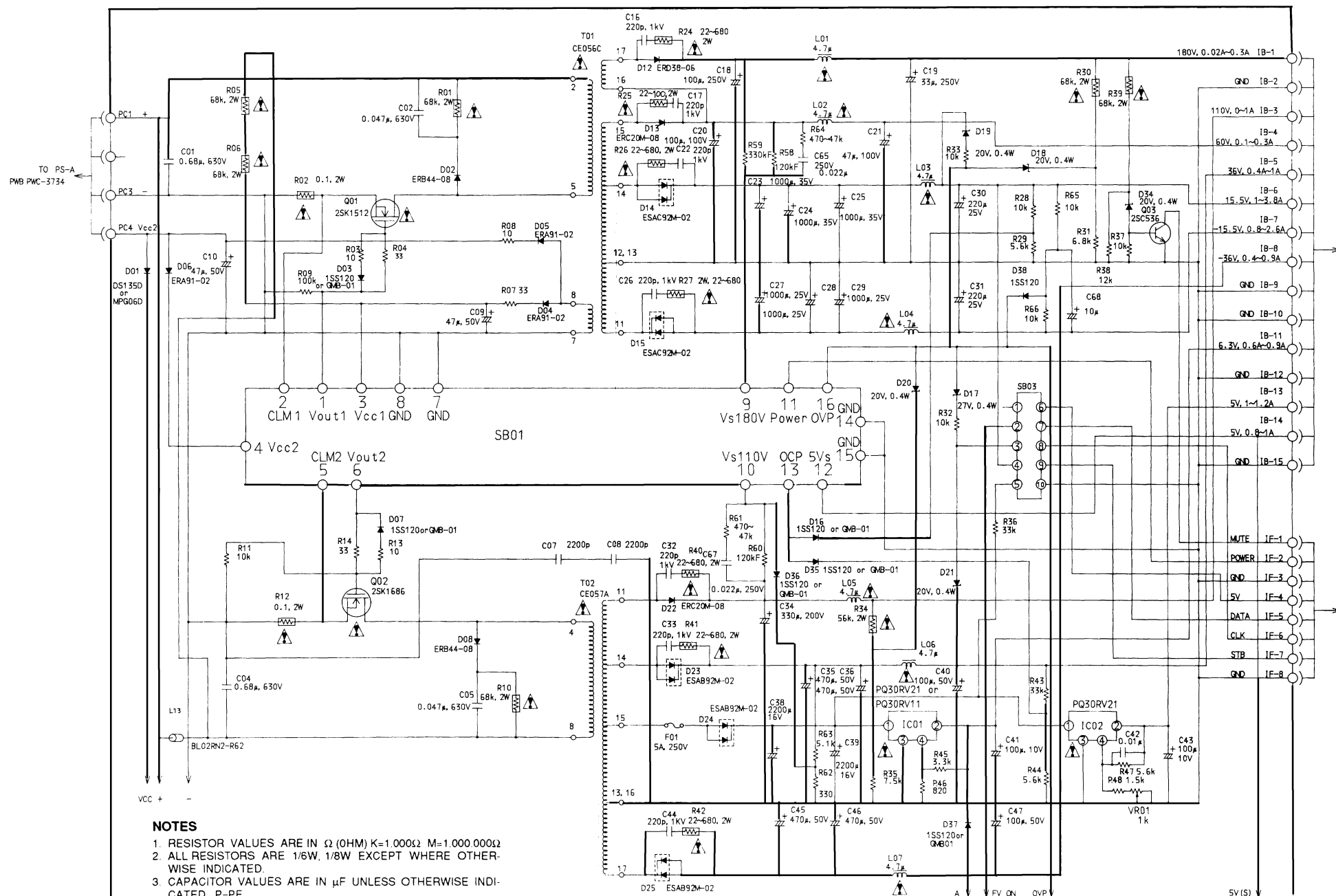
NOTES

1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
2. ALL RESISTORS ARE 1/6W, 1/8W EXCEPT WHERE OTHERWISE INDICATED.
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4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED.
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INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER.
6. (H)..... HORIZONTAL RATE. (V)..... VERTICAL RATE.

WARNING

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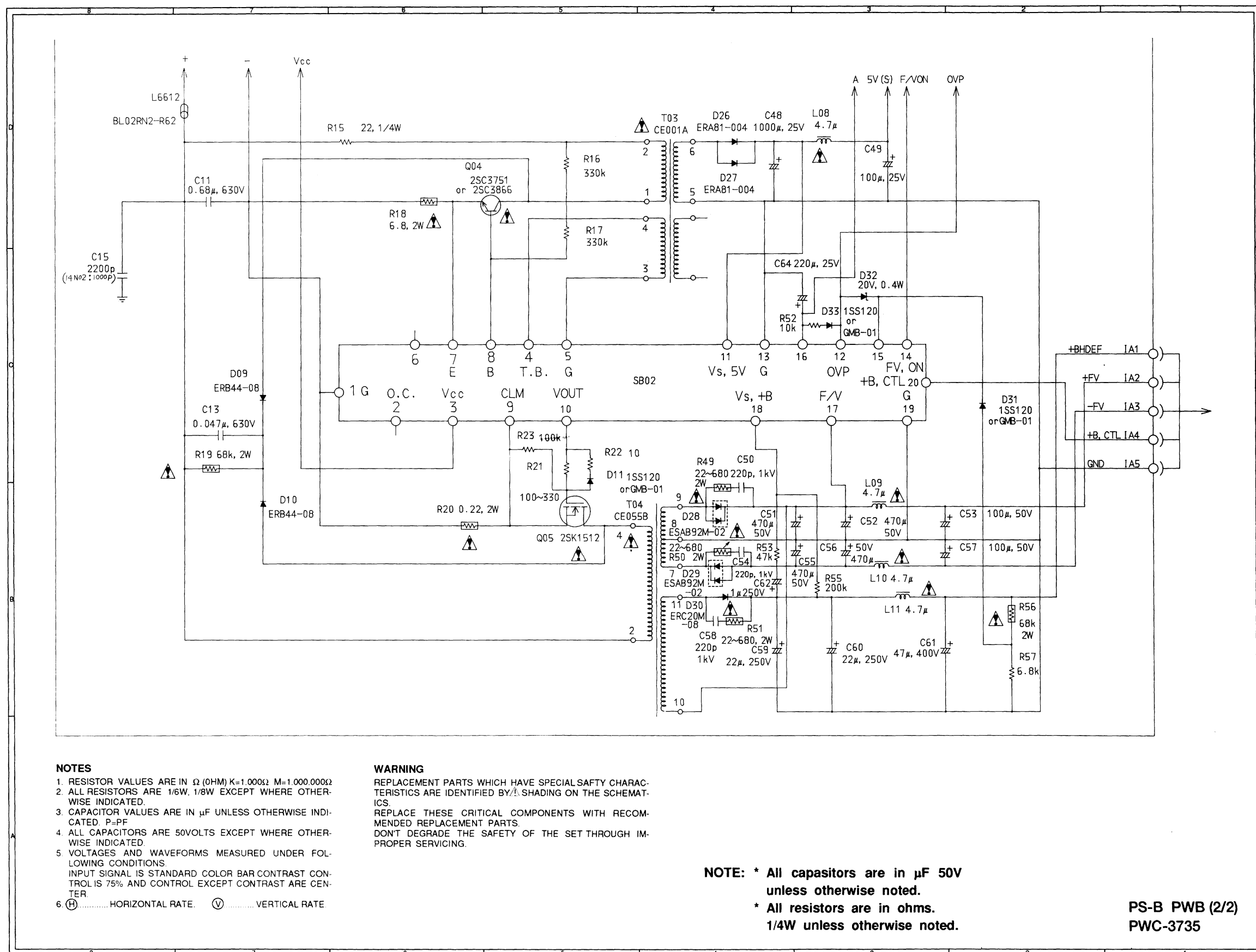
NOTES

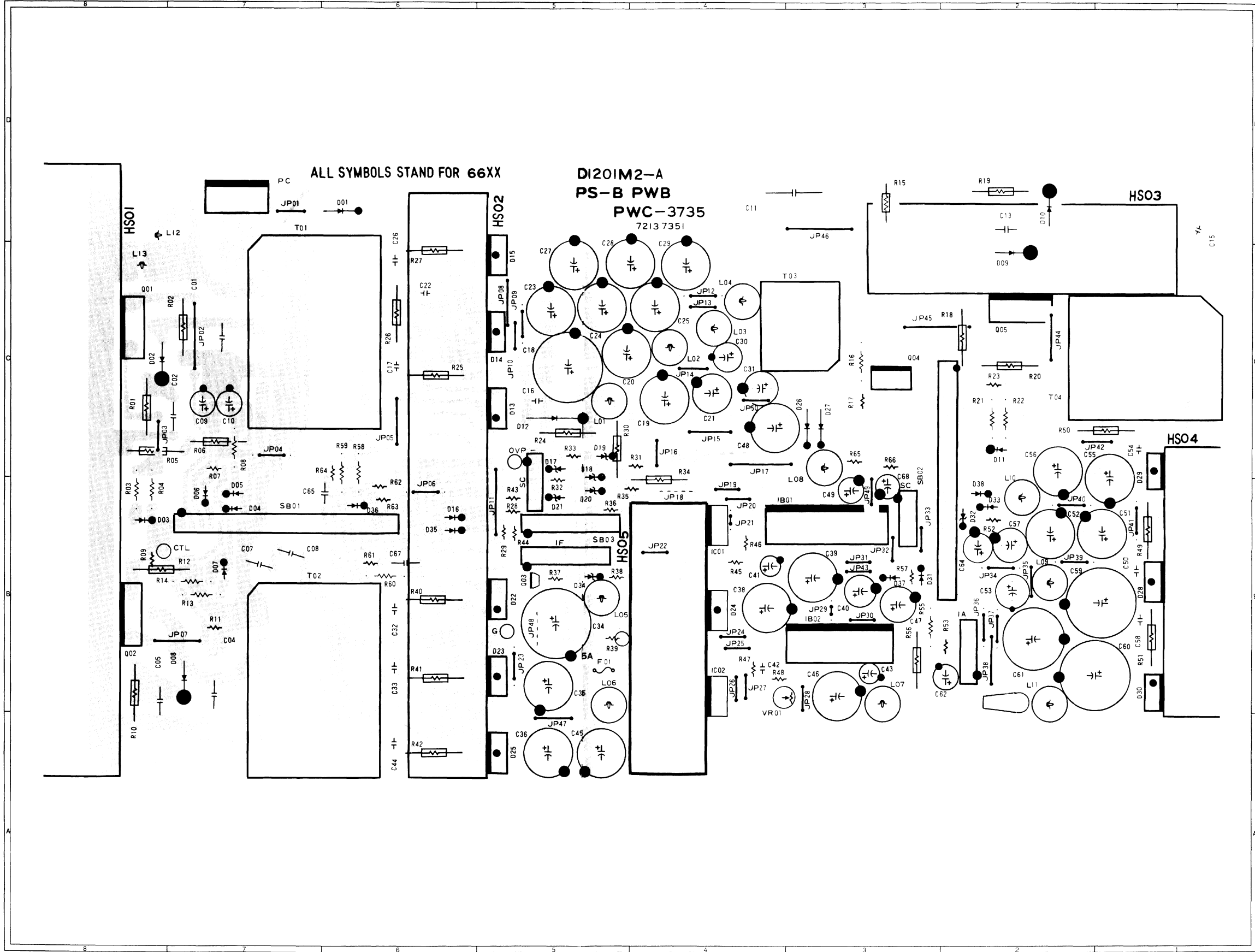
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6. (H)..... HORIZONTAL RATE. (V)..... VERTICAL RATE.

WARNING

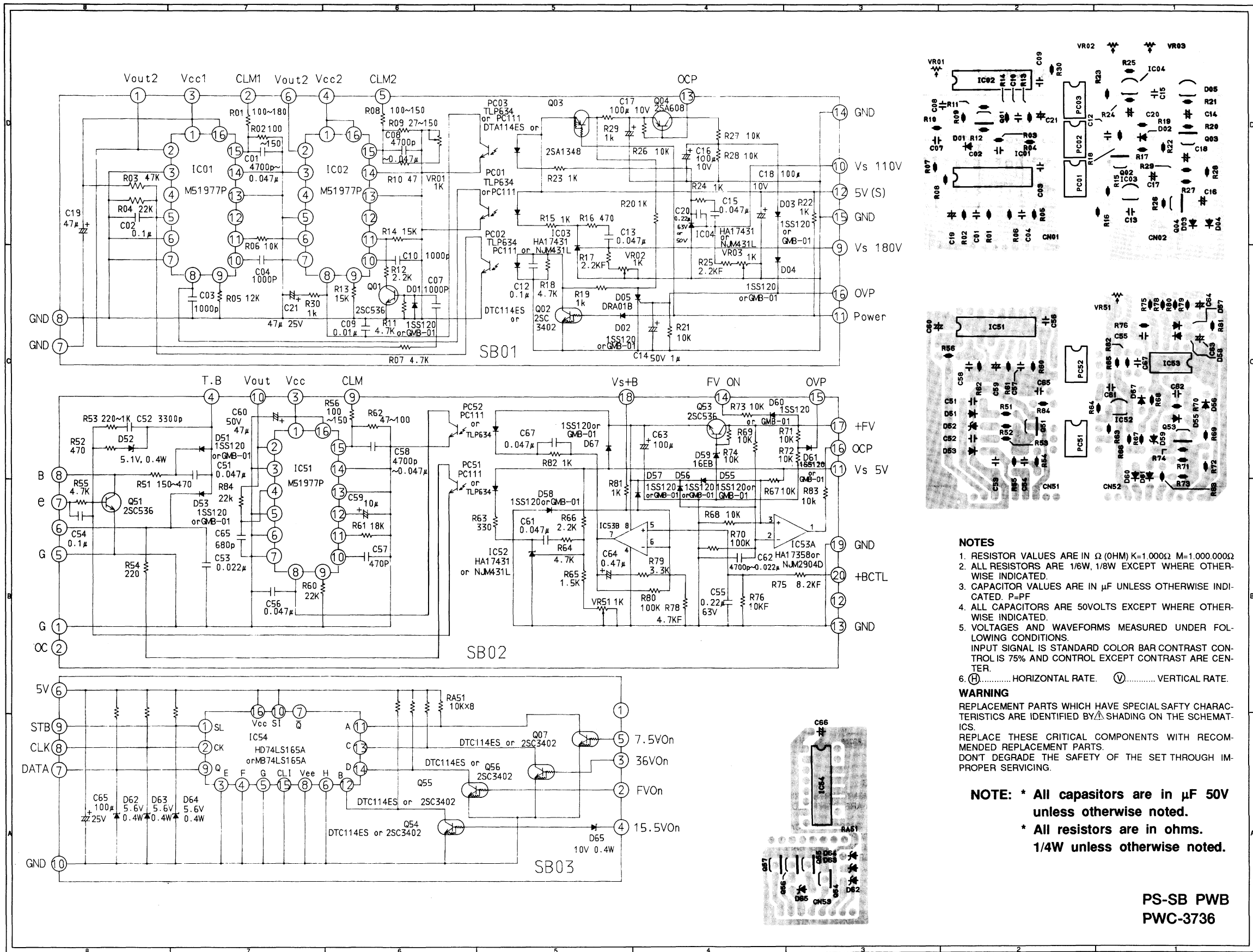
REPLACEMENT PARTS WHICH HAVE SPECIALSAFTY CHARACTERISTICS ARE IDENTIFIED BY ! SHADING ON THE SCHEMATICS
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DONT DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING

NOTE: * All capacitors are in μ F 50V unless otherwise noted.
* All resistors are in ohms.
1/4W unless otherwise noted.





PS-SB PWB (PWC-3736)

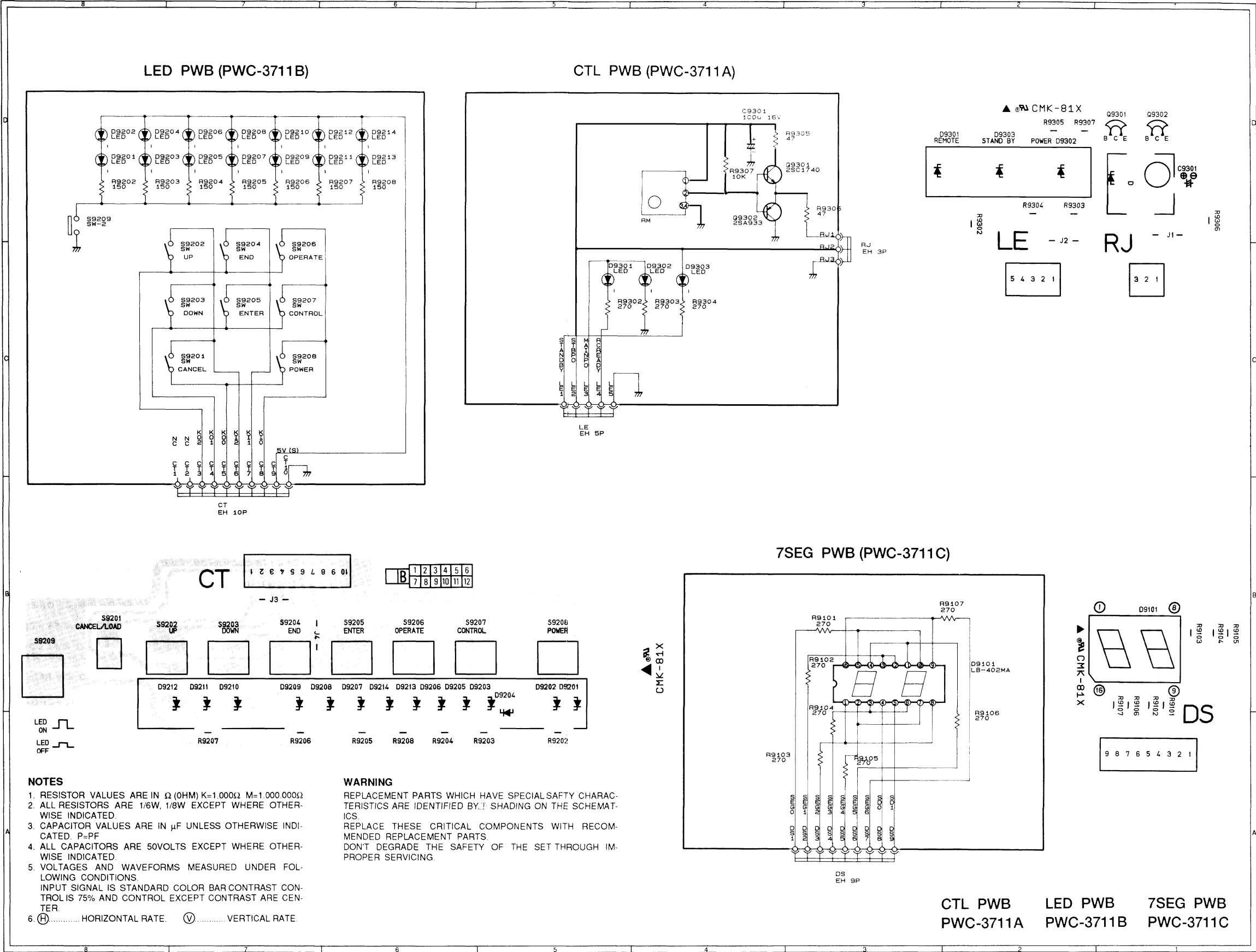


- NOTES**
1. RESISTOR VALUES ARE IN Ω (OHM) K=1,000 Ω M=1,000,000 Ω
 2. ALL RESISTORS ARE 1/8W, 1/4W EXCEPT WHERE OTHERWISE INDICATED.
 3. CAPACITOR VALUES ARE IN μ F UNLESS OTHERWISE INDICATED. P=PF
 4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED.
 5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS.
INPUT SIGNAL IS STANDARD COLOR BAR CONTRAST CONTROL IS 75% AND CONTROL EXCEPT CONTRAST ARE CENTER.
 6. (H)..... HORIZONTAL RATE. (V)..... VERTICAL RATE.

WARNING
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NOTE: * All capacitors are in μ F 50V unless otherwise noted.
* All resistors are in ohms. 1/4W unless otherwise noted.

PS-SB PWB
PWC-3736



TWEET

NEC
C&C for Human Potential