NOTES:
(UNLESS SPECIFIED OTHERWISE)
1. ALL RESISTORS ARE ±1W, 5%
2. ALL CAPACITORS IN µF
3. ALL NPN TRANSISTORS - 2N5172
4. ALL PNP TRANSISTORS - 2N3905
5. ALL DIODES - 1N4148
6. ALL FET'S - ZN4302

<table>
<thead>
<tr>
<th>LAST</th>
<th>LAST (POT &amp; D)</th>
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<tbody>
<tr>
<td>R208</td>
<td>R506</td>
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<td>T14</td>
<td>P520</td>
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<td>C30</td>
<td>D502</td>
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<td>D12</td>
<td>Q501</td>
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<td>Q47</td>
<td>S506</td>
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<td>A27</td>
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</tbody>
</table>
VOLTS/OCT (ACCESSIBLE FROM FRONT)
CV#1 JUMPER
CV#2 JUMPER

VCO2

VCO1

INIT FREQ

HI-FREQ TRACK

INIT PW

OFFSET #2

OFFSET #1

OFFSET #2

OFFSET #1

INIT FREQ

HI-FREQ TRACK

INIT PW

VCA OFFSET

VCF

VCA OFFSET

INIT FREQ

VOLTS/OCT

VOLTS ADJ

+15 VOLTS

+15 VOLTS

AUDIO-IN RESISTOR

GATE JUMPER

TRIG JUMPER

2-15-75

REV 8-31-78

PIN 6

PIN Q8
CHANGES TO SEM-IA ELECTRONICS BOARD WHEN USED IN CPS-1A

1) VCA "ON-SW" RESISTOR (22K) IS REMOVED.

2) AUDIO-IN SUMMING RESISTOR (RI35, 220K) IS PARALLELED WITH 47K.

SEM-IA ELECTRONICS BOARD

JUMPERS:
- B1 → D1
- B3 → D3
- I → H
- F → Y
- G → J
- G* → Z
- B → E
- A → W
- C → D
- B → X

CV-IN
GATE-IN
MOOG-GATE
LFO-OUT
VCA-CTRL
LOW-OUT
AUDIO-IN
AUDIO-OUT

POWER SUPPLY BOARD

TO TRANSFORMER

CPS-1A WIRING & BLOCK DIAGRAM
8-31-78