

A Note About These Schematics

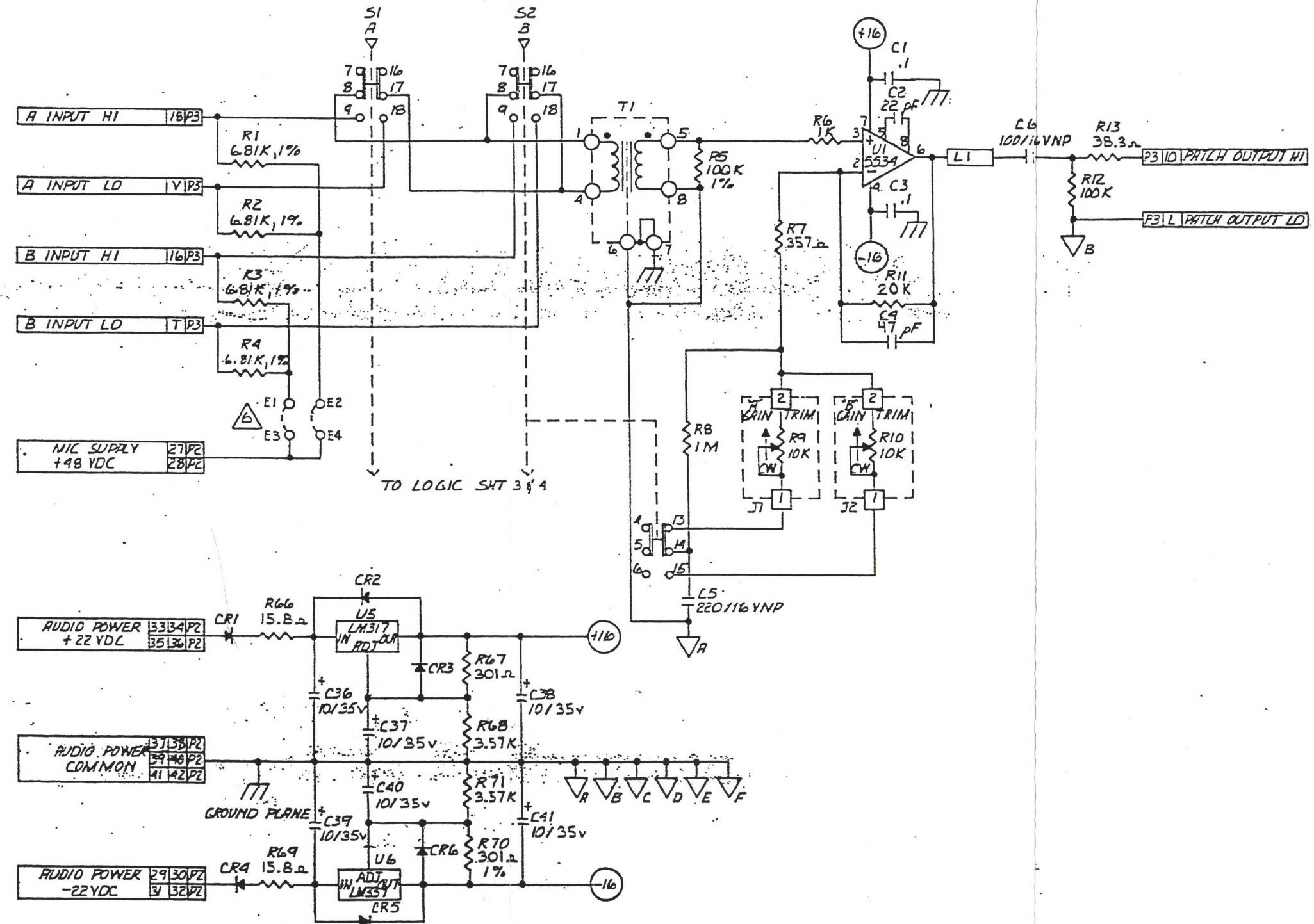
The schematics presented here are copies of copies from a BMX III Manual. As a result, they may be a little hard to read. I scanned them at 600 DPI so that may help a bit. I have noticed that with a little effort and diligence you can get a good idea of component values and pin numbers.

Also, I do not have all of the schematics. The ones I have only cover the plug-in modules. Plus, just to make it more interesting, Page 7.10, the Monaural Line Output Amplifier Schematic, is missing.

The schematics stop at Page 7.15, the Talkback/Intercom Module. If you are like me, the schematic you really need is probably in the range of 7.16 to 7.27.20. I apologize for the missing pages and if I ever find a complete manual that I can make better scans from, I will update this online manual.

But, hey, it's better than nothing.





▲ JUMPER TO BE INSTALLED IN R230 AS SHOWN, SH.5 ZONE A-7.

▲ JUMP E1 TO E3 FOR PHANTOM SUPPLY VOLTAGE ON 'B' INPUT AND E2 TO E4 FOR 'A'.

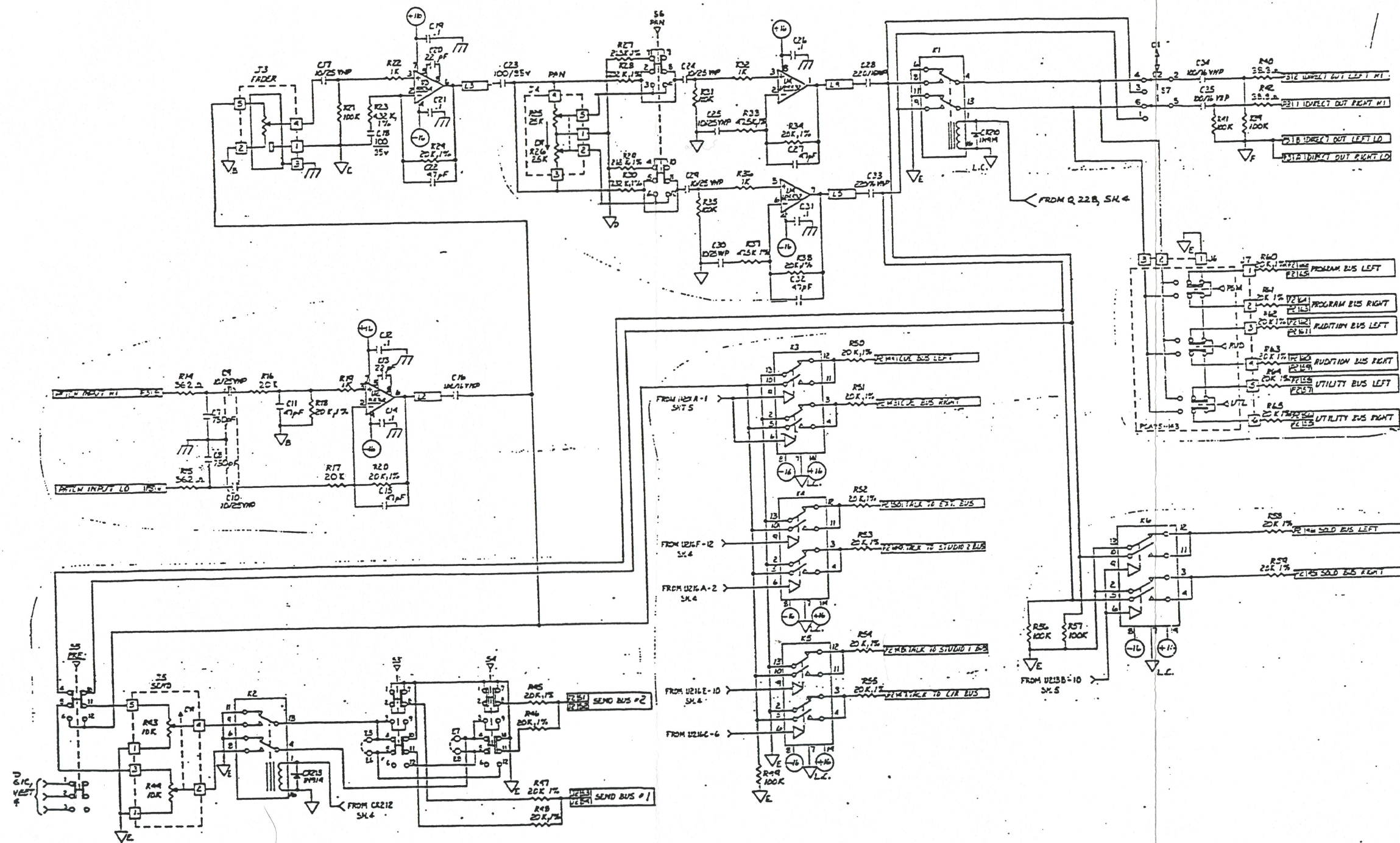
4. NP = NON POLARIZED

3. ALL DIODES ARE 1N4004'S

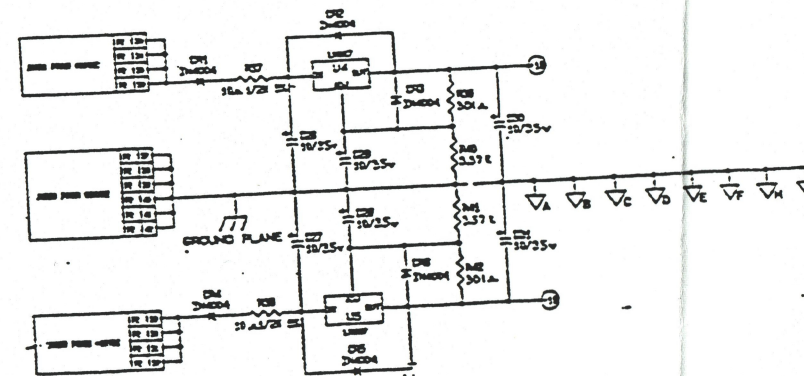
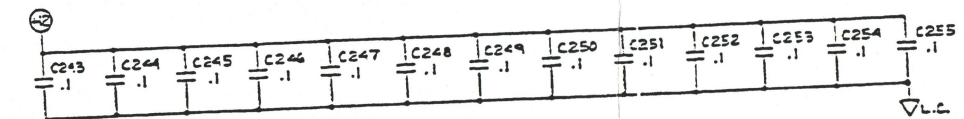
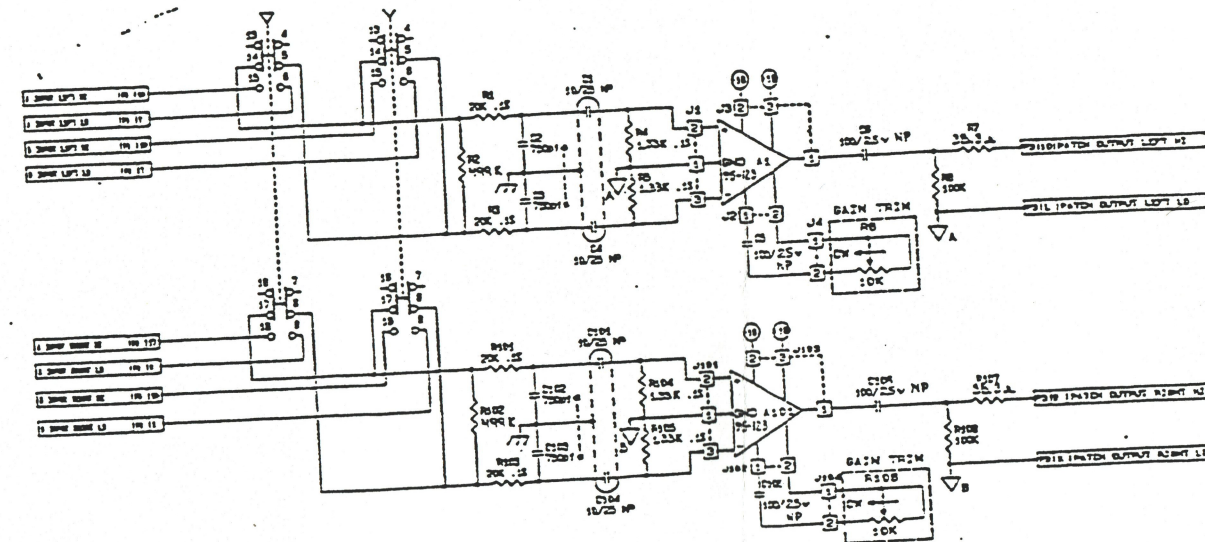
2. ALL CAPACITORS ARE MEASURED IN MICROFARADS

1. ALL RESISTORS ARE 1/4 W 1%

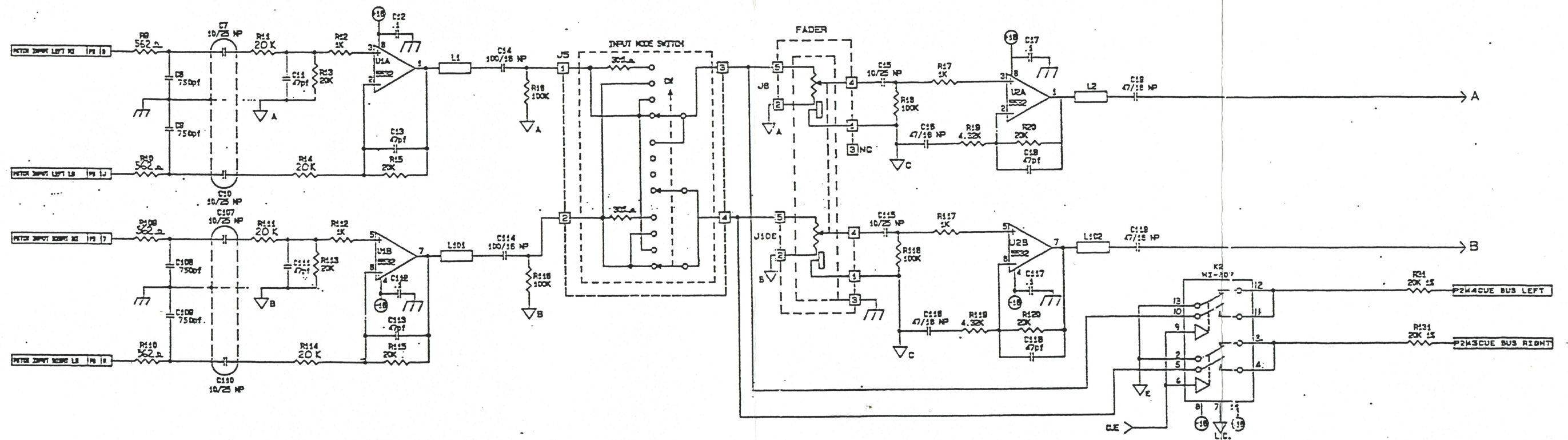
NOTES: UNLESS OTHERWISE SPECIFIED



7.3 MICROPHONE INPUT MODULE WITH SENDS SCHEMATIC SHEET 2 OF 5



1. NP = NON-POLARIZED
 2. ALL DIODES ARE IN4001
 3. CAPACITORS ARE MEASURED IN MICROFARADS.
 4. ALL RESISTORS ARE 1/4WATT, 5%.
 NOTES: UNLESS OTHERWISE SPECIFIED

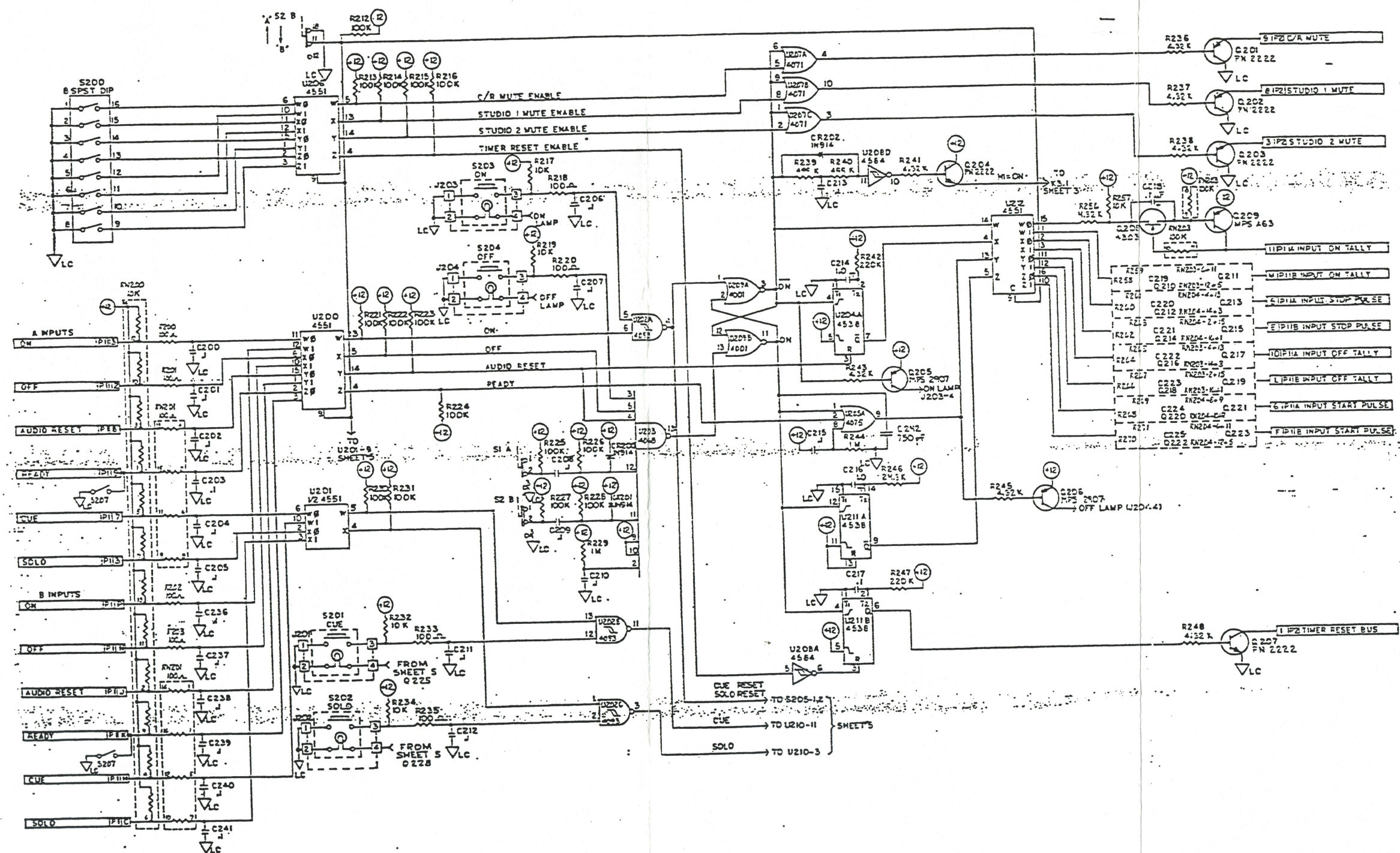


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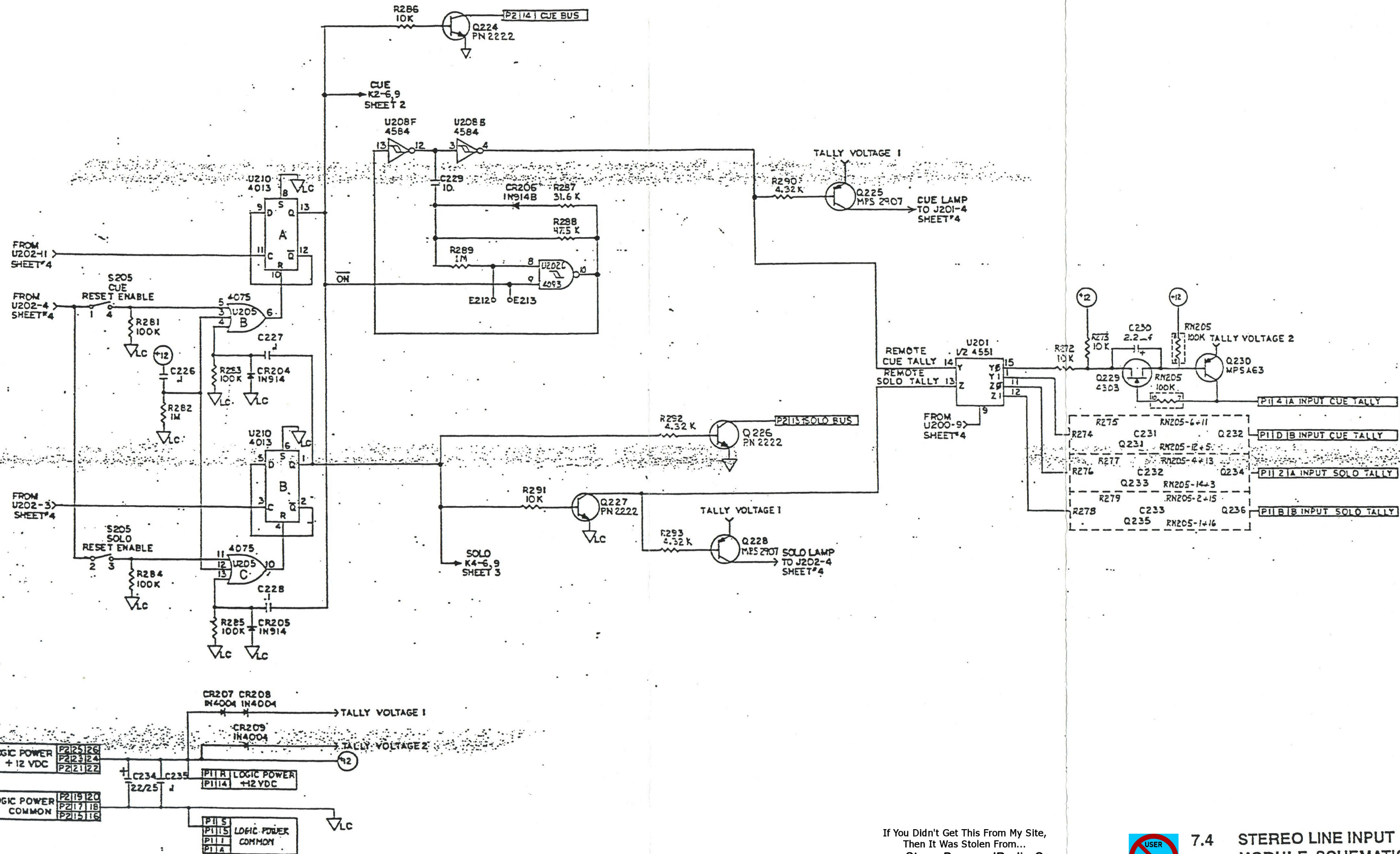
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7.4 STEREO LINE INPUT
MODULE SCHEMATIC
SHEET 2 OF 5



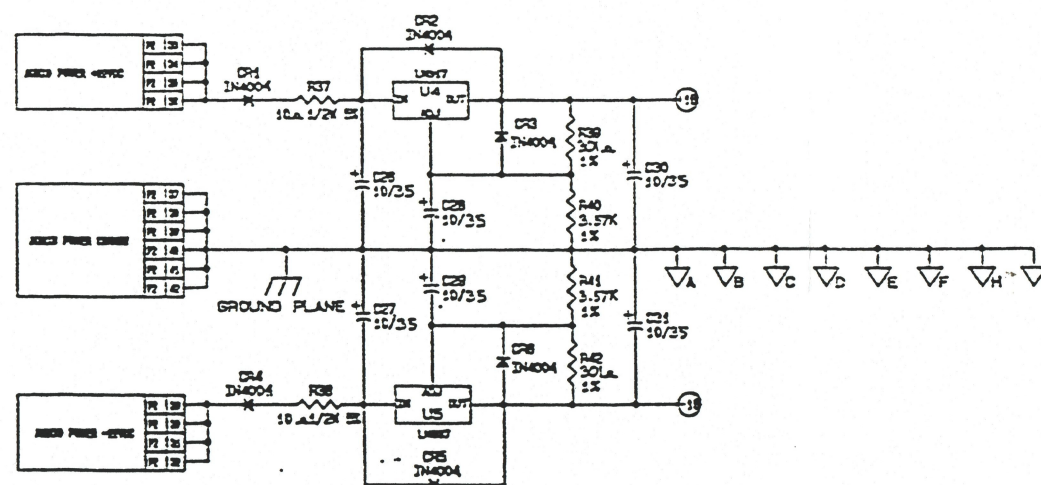
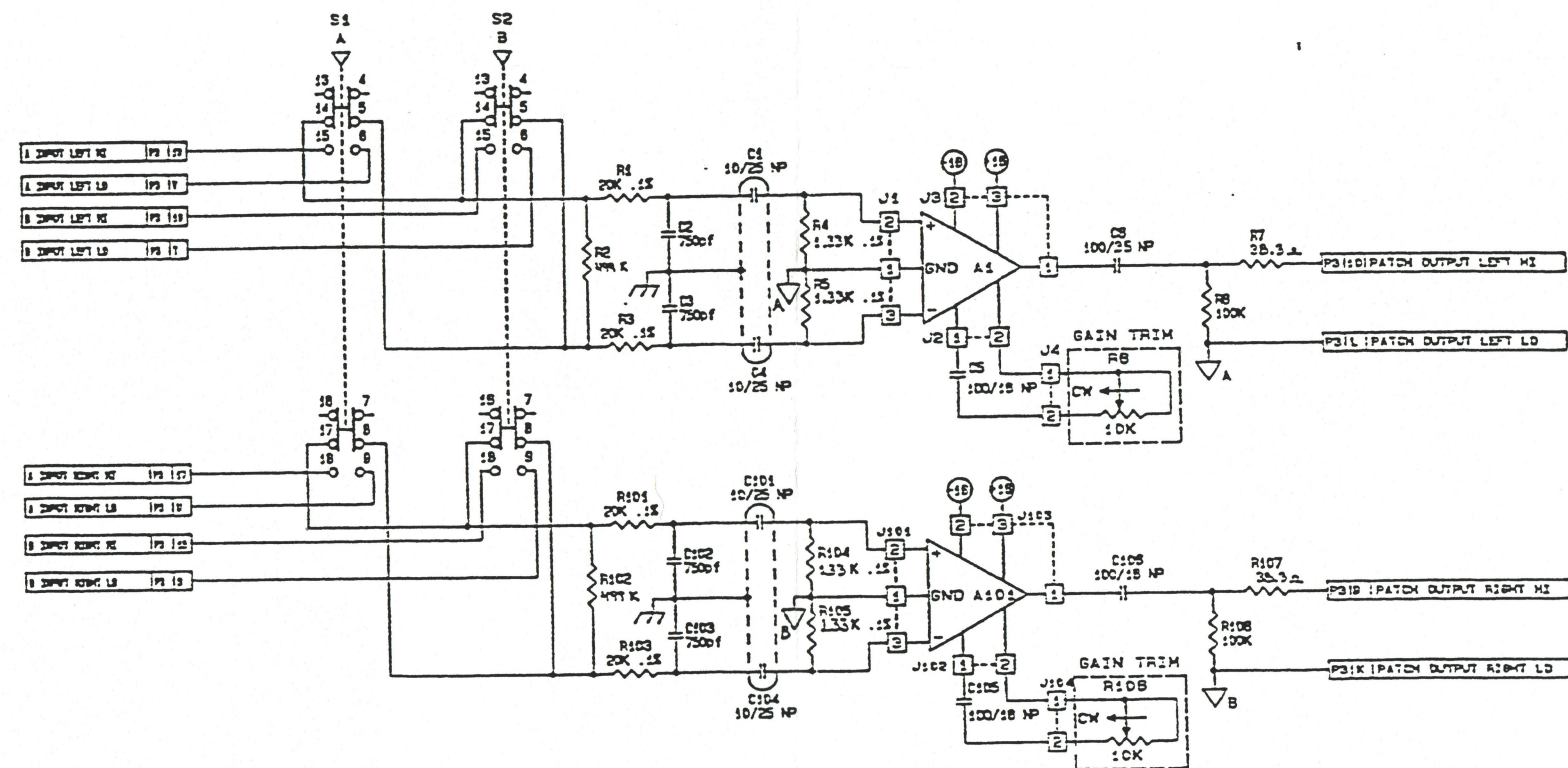
7.4 STEREO LINE INPUT
MODULE SCHEMATIC
SHEET 4 OF 5



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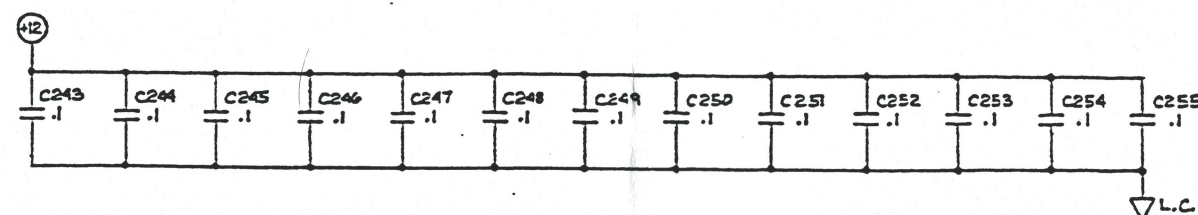


7.4 STEREO LINE INPUT
MODULE SCHEMATIC
SHEET 5 OF 5



4. NP = NON-POLARIZED
 3. ALL DIODES ARE 1N4001
 2. CAPACITORS ARE MEASURED IN MICROFARADS.
 1. ALL RESISTORS ARE 1/4WATT, 5%.

NOTES: UNLESS OTHERWISE SPECIFIED



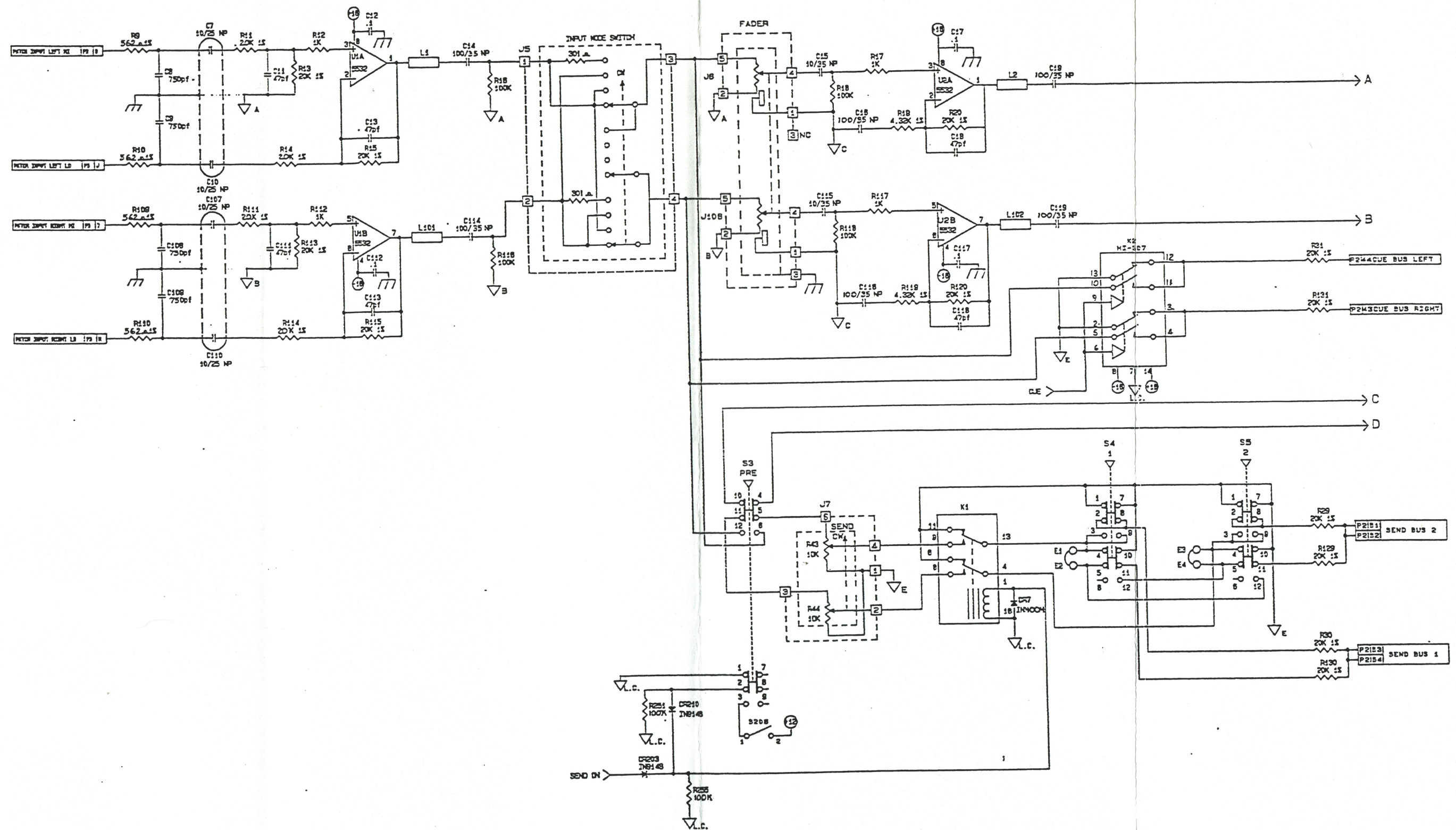
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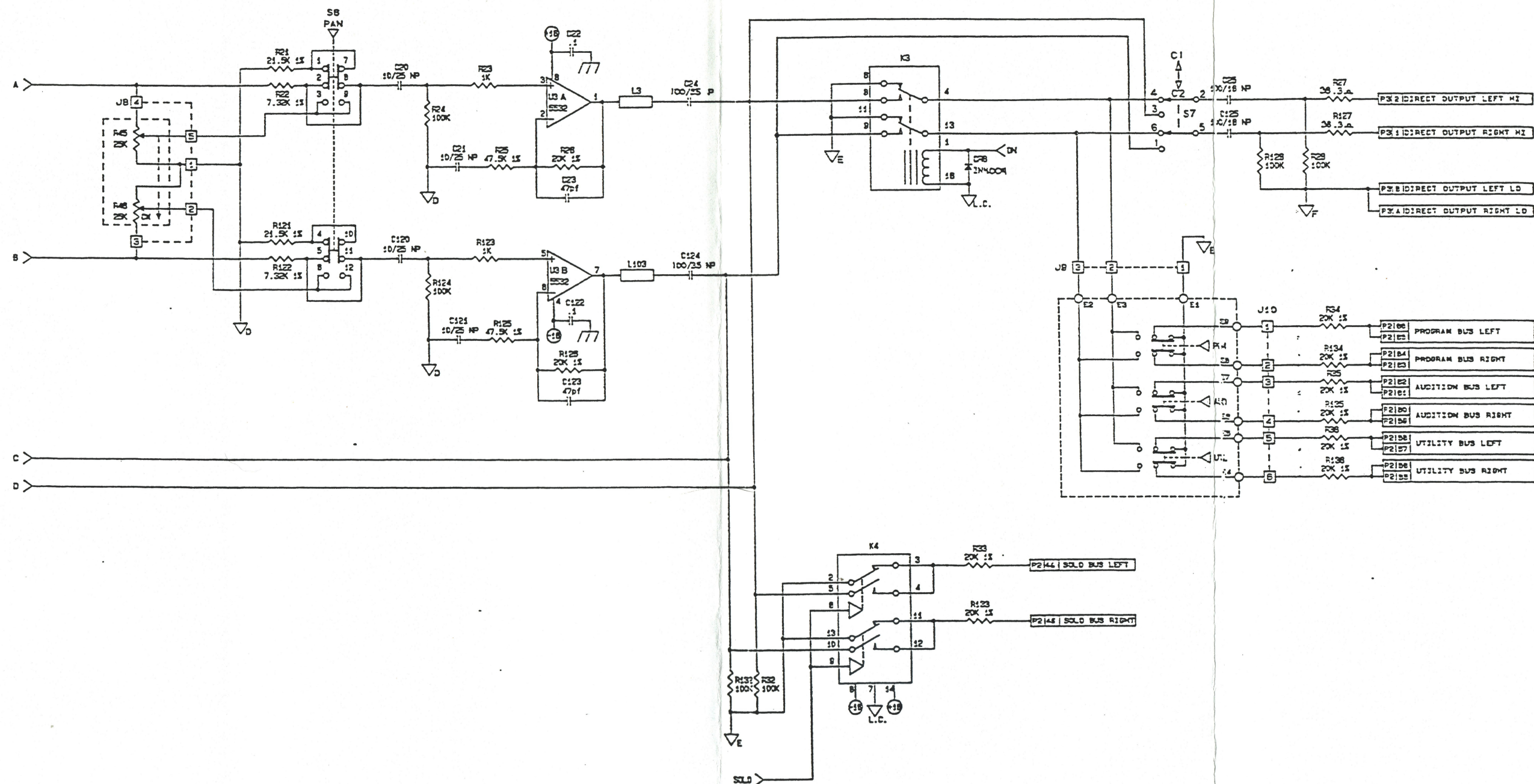
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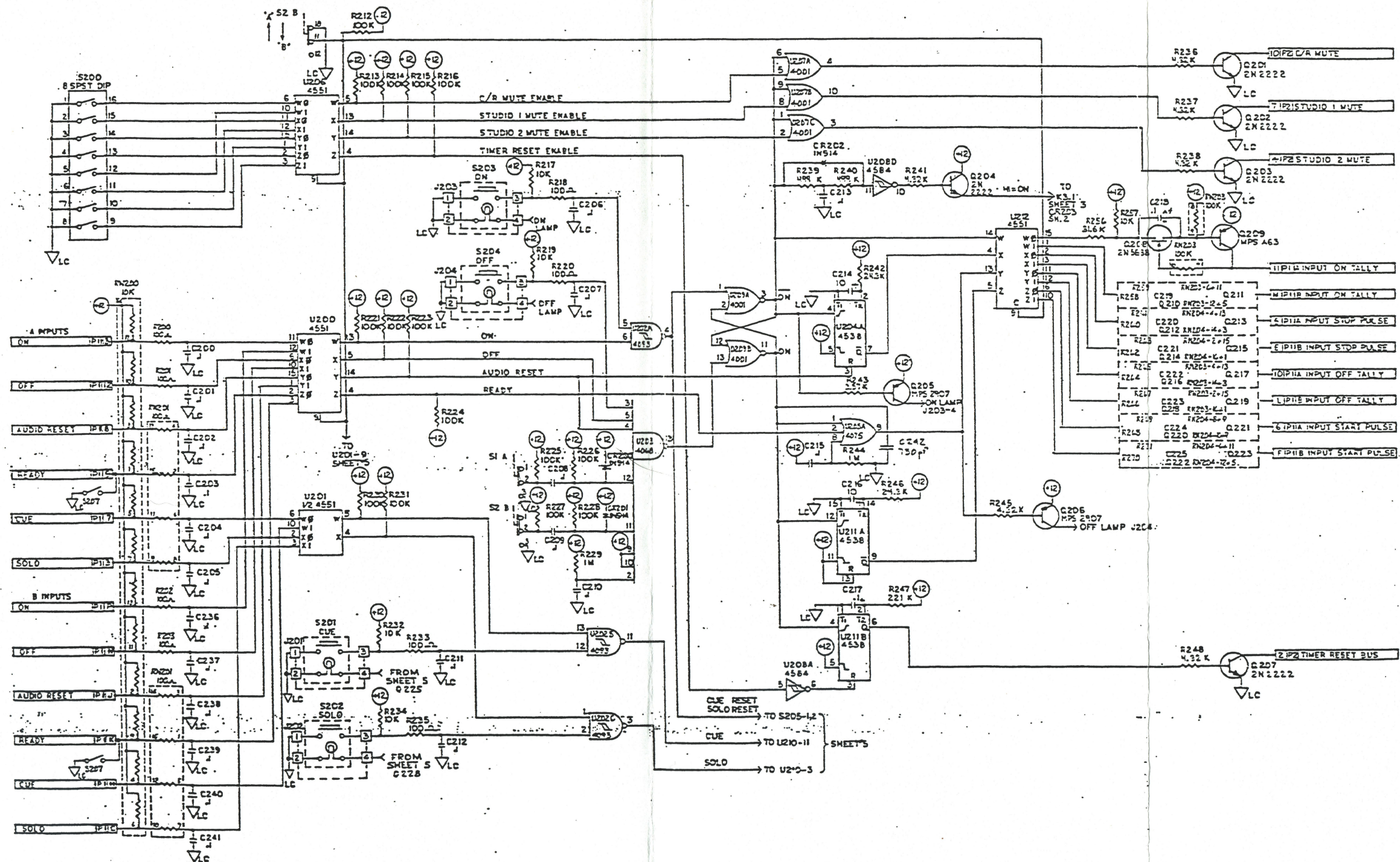


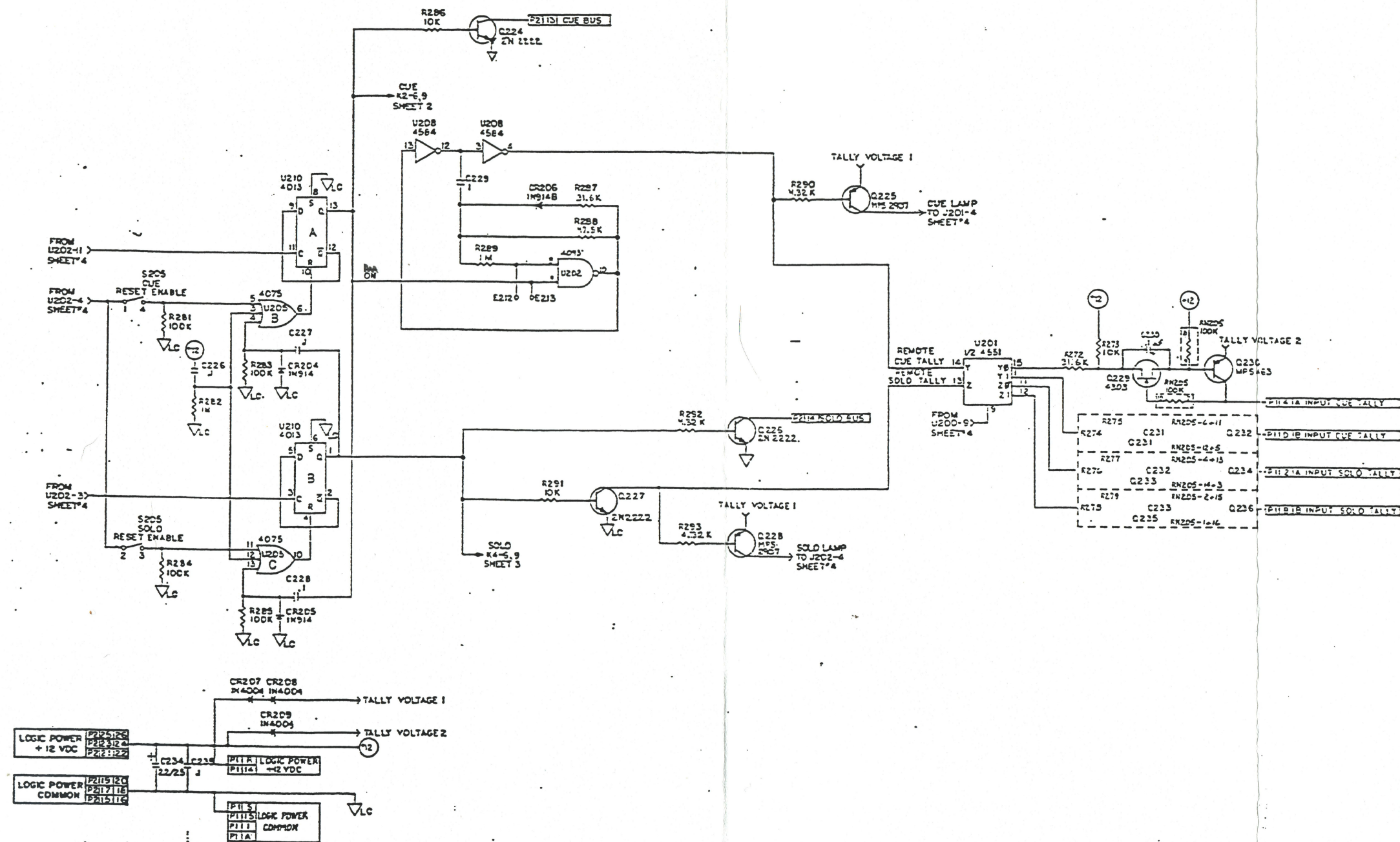
7.5 STEREO LINE INPUT MODULE
 WITH SENDS SCHEMATIC
 SHEET 1 OF 5



7.5 STEREO LINE INPUT MODULE
WITH SENDS SCHEMATIC
SHEET 2 OF 5





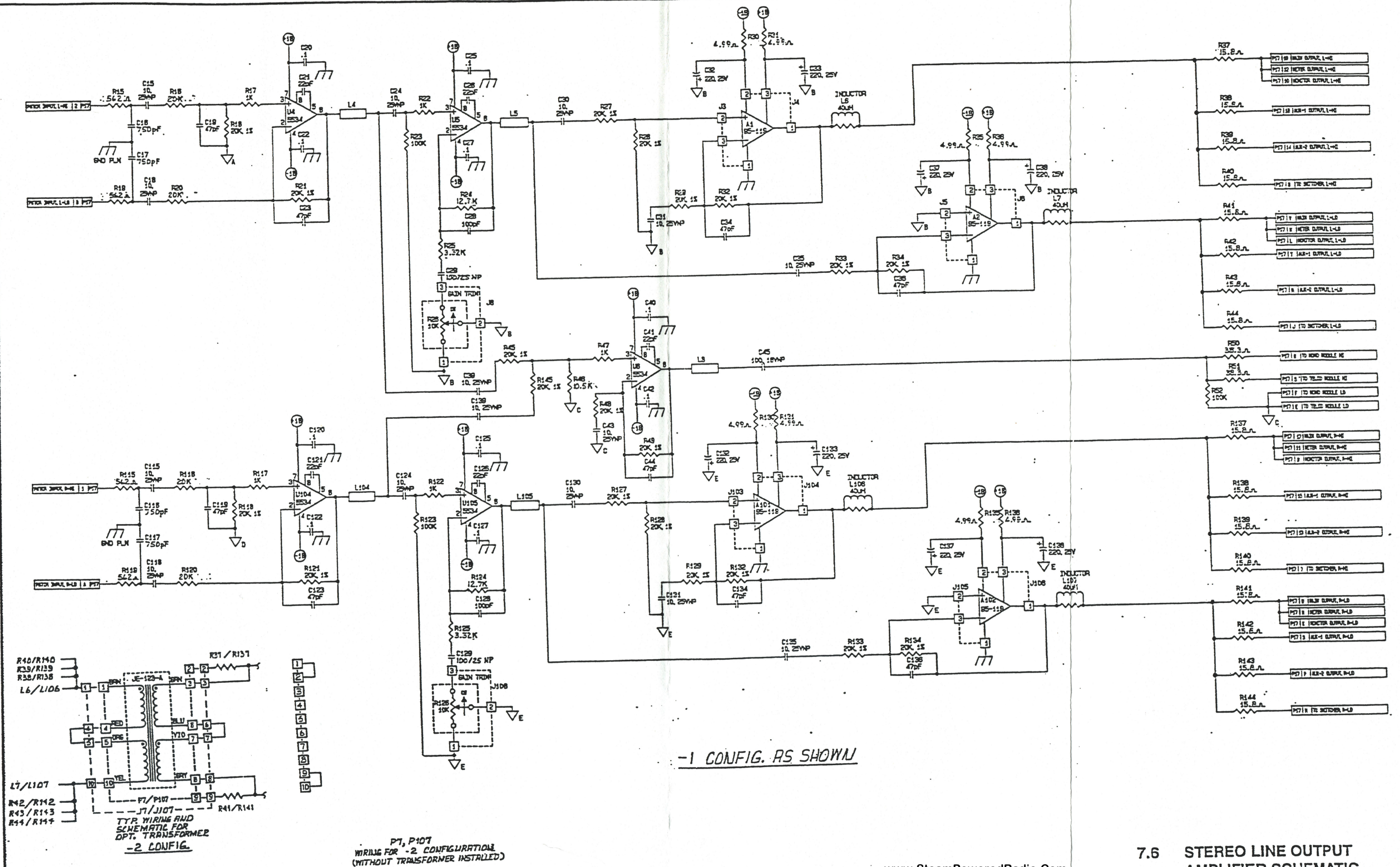




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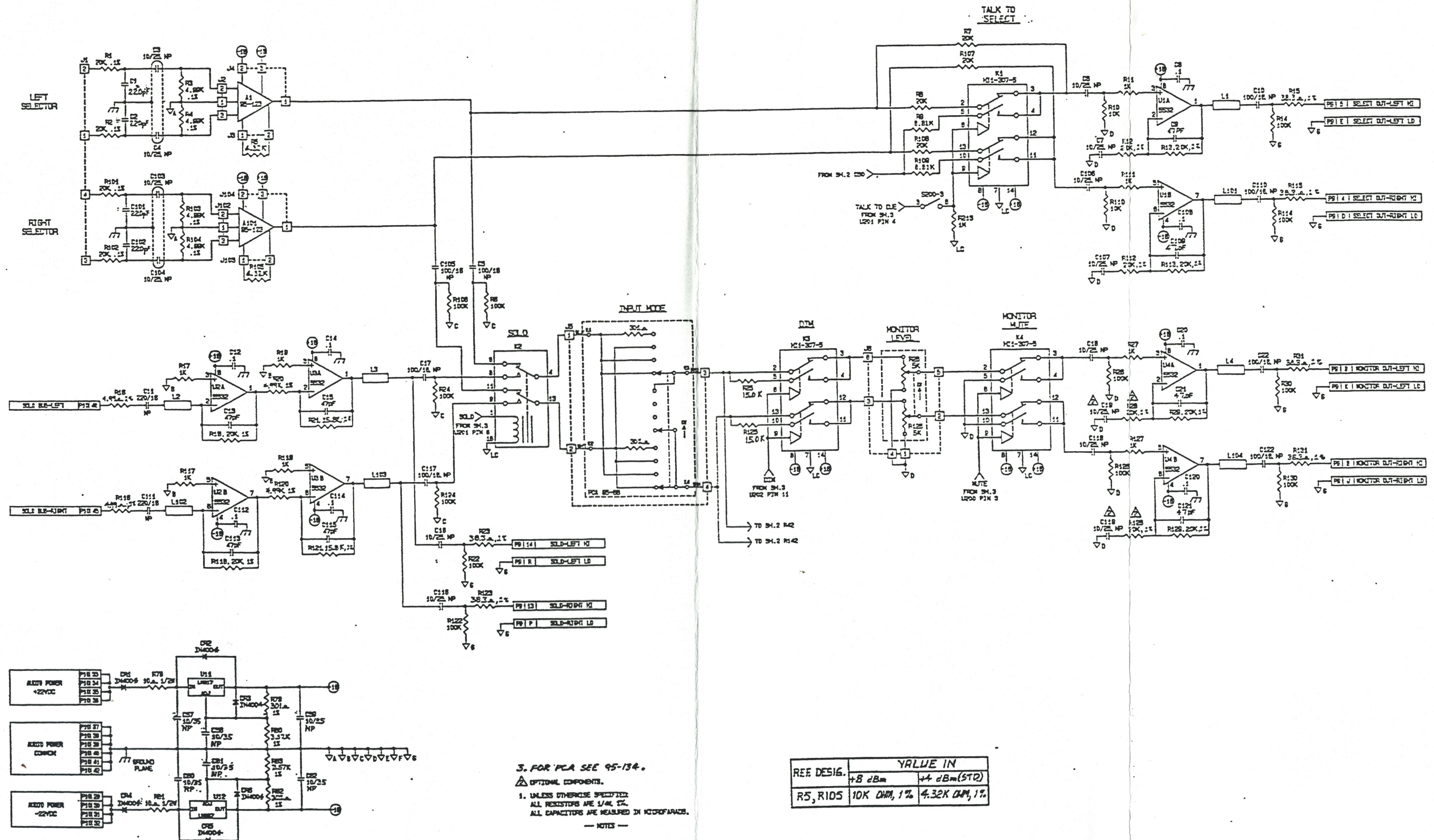


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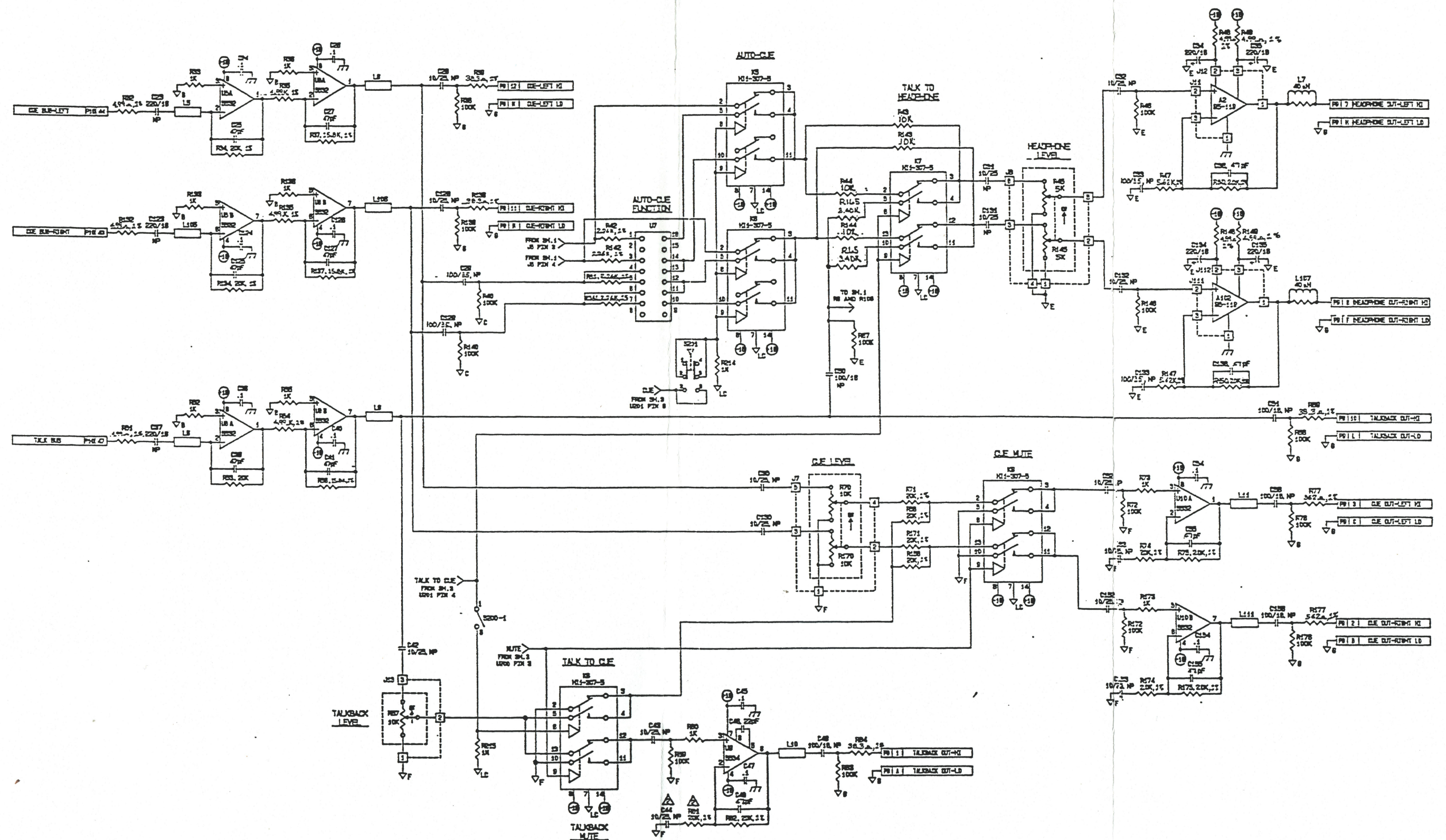


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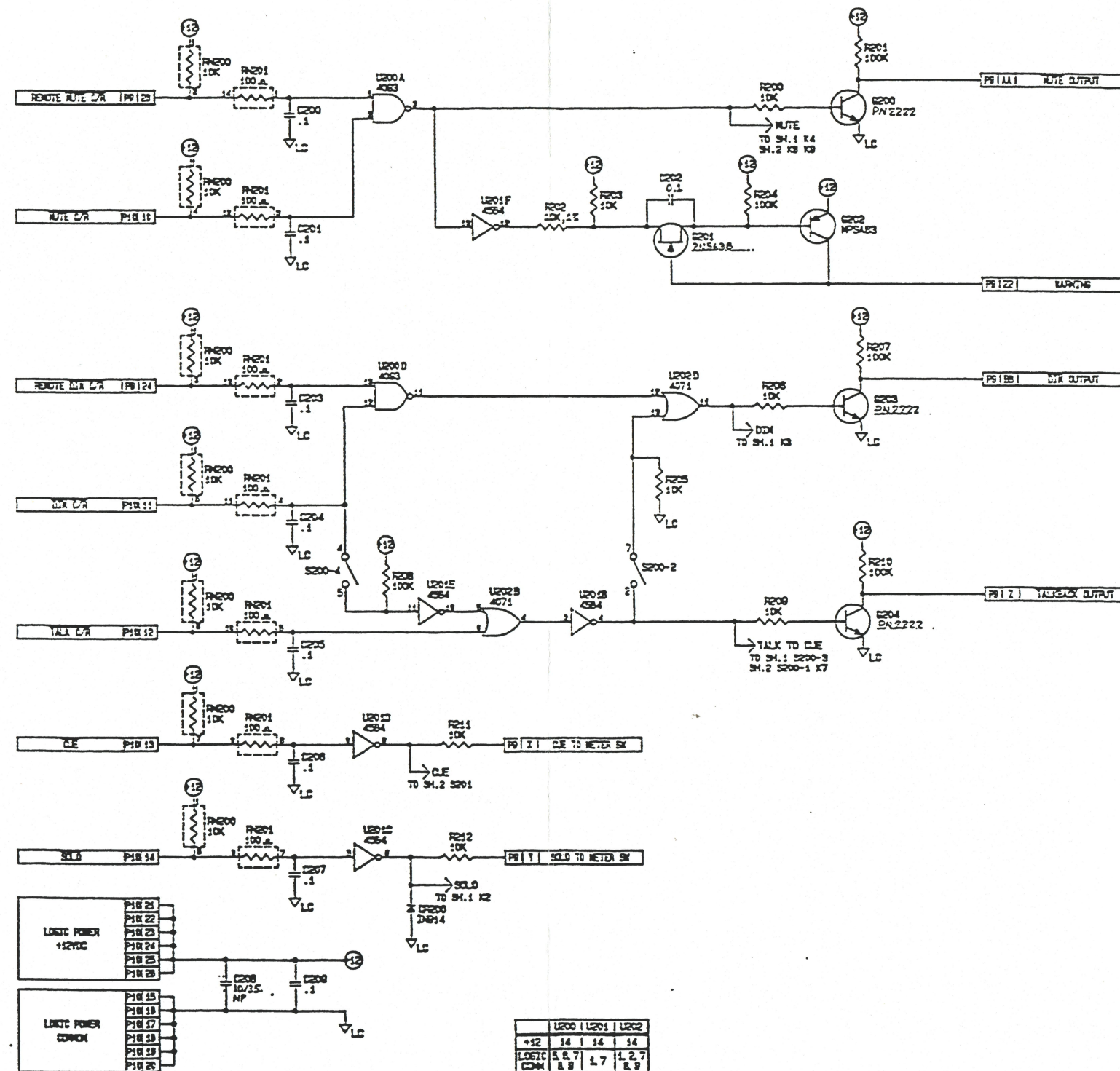
7.6 STEREO LINE OUTPUT AMPLIFIER SCHEMATIC SHEET 2 OF 2

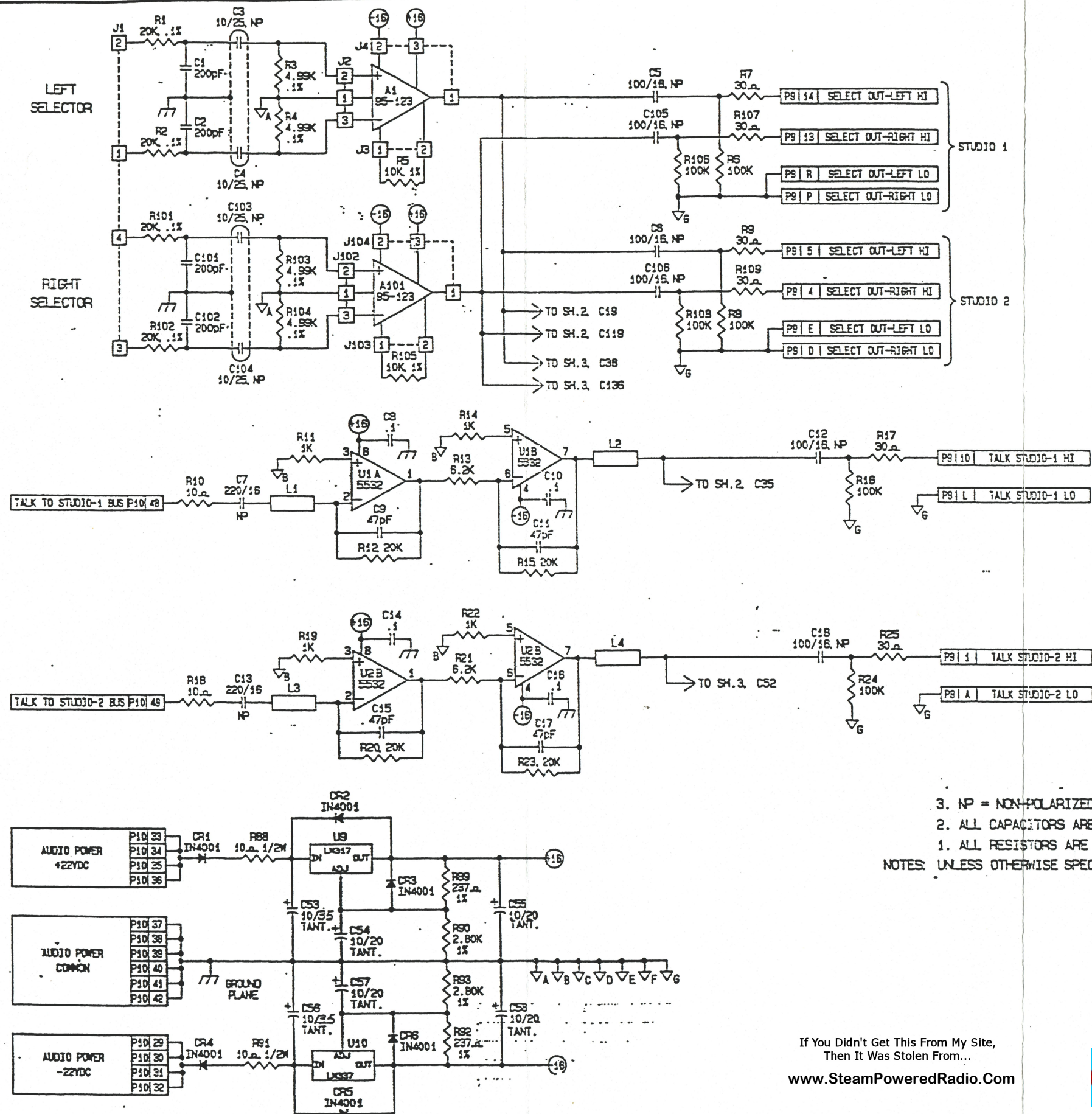


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7.7 CONTROL ROOM MONITOR
MODULE SCHEMATIC
SHEET 2 OF 3

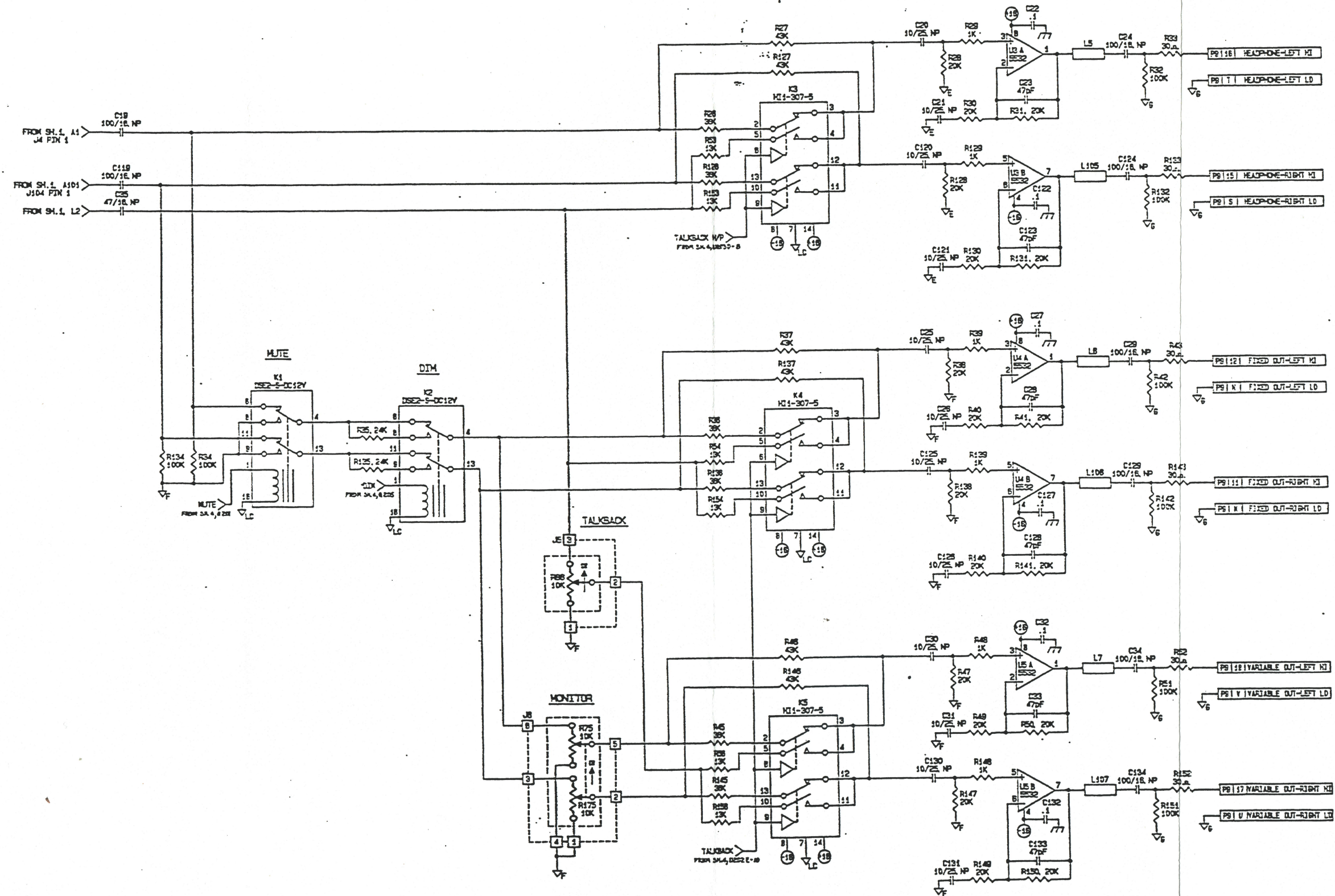


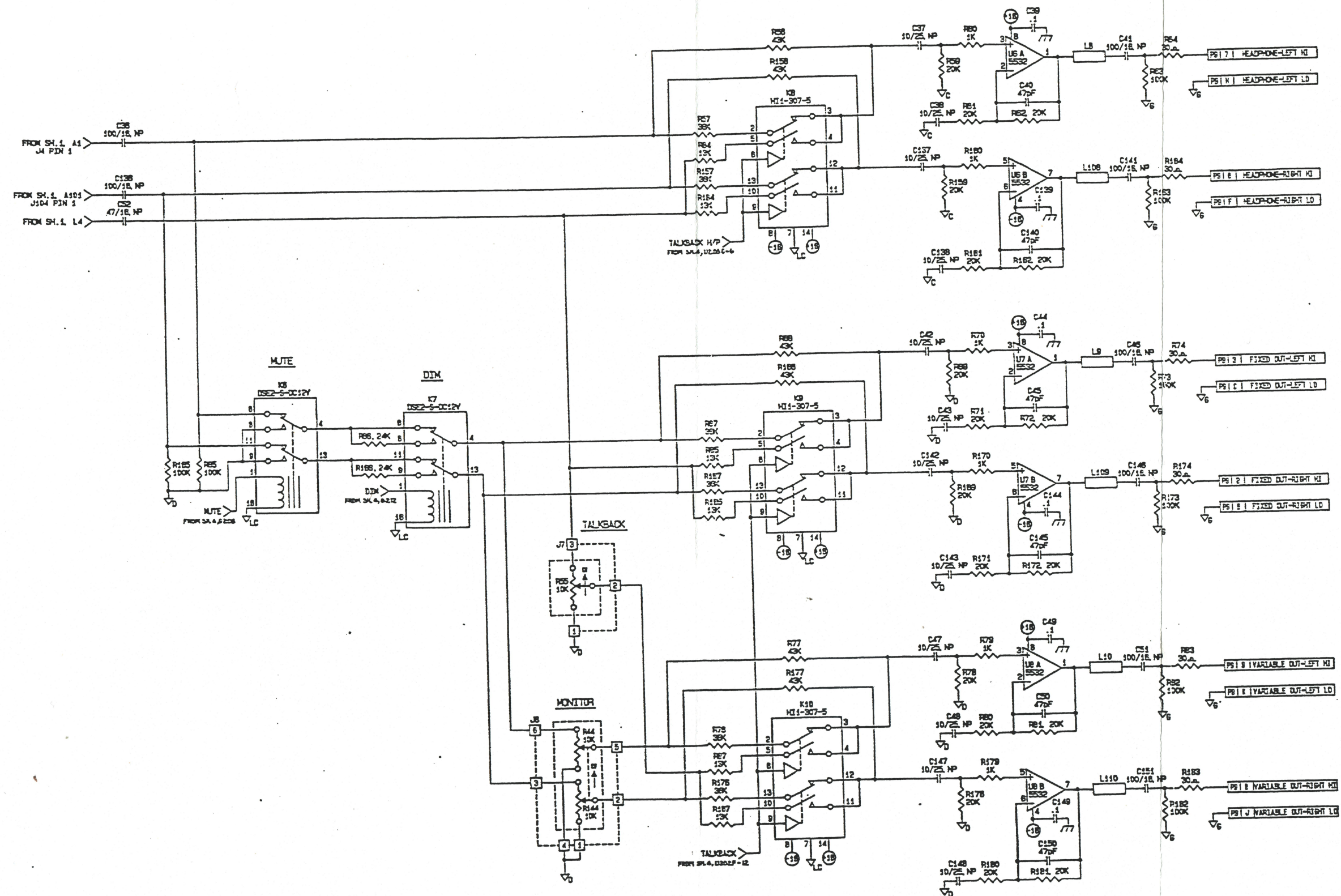


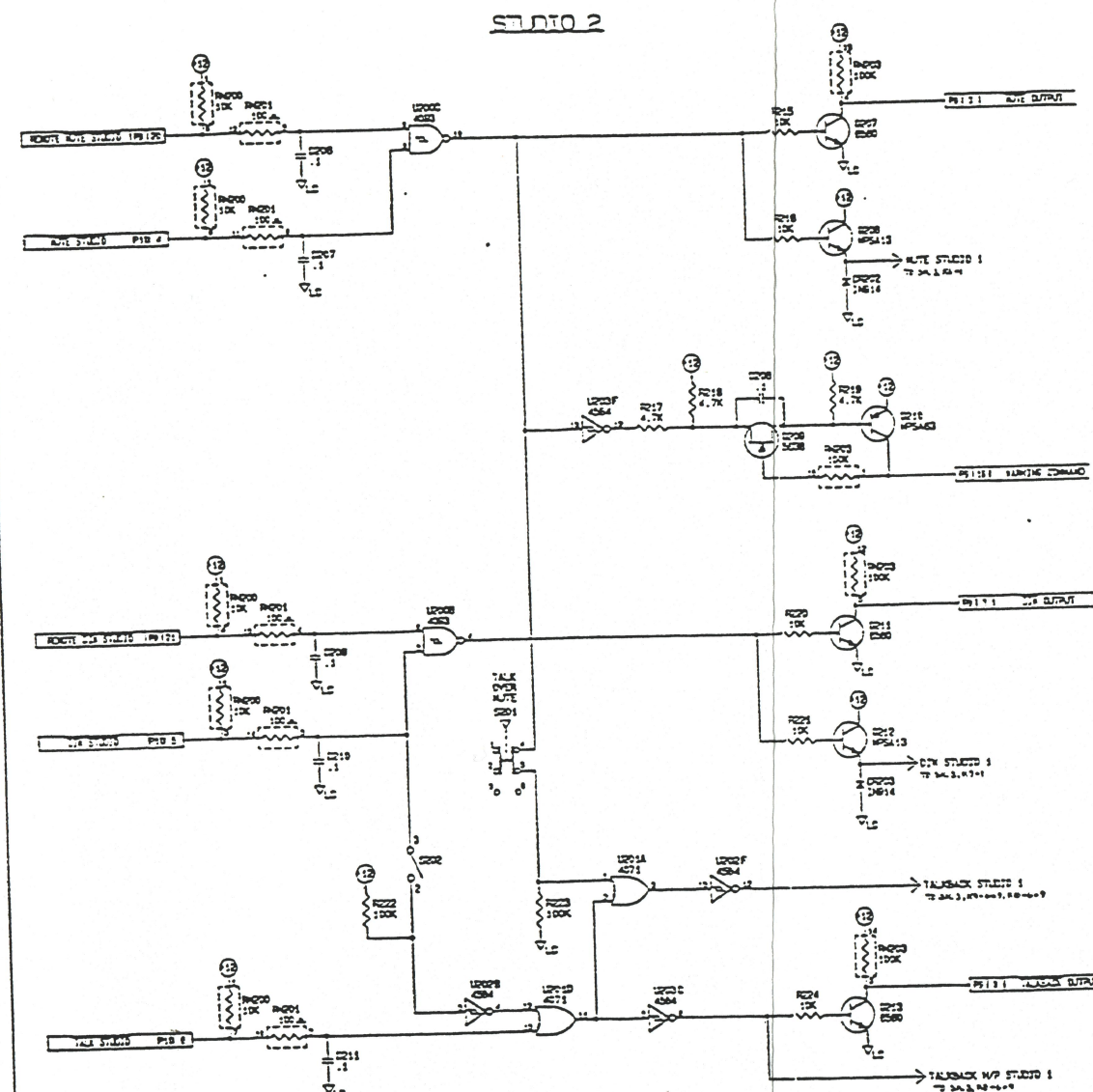
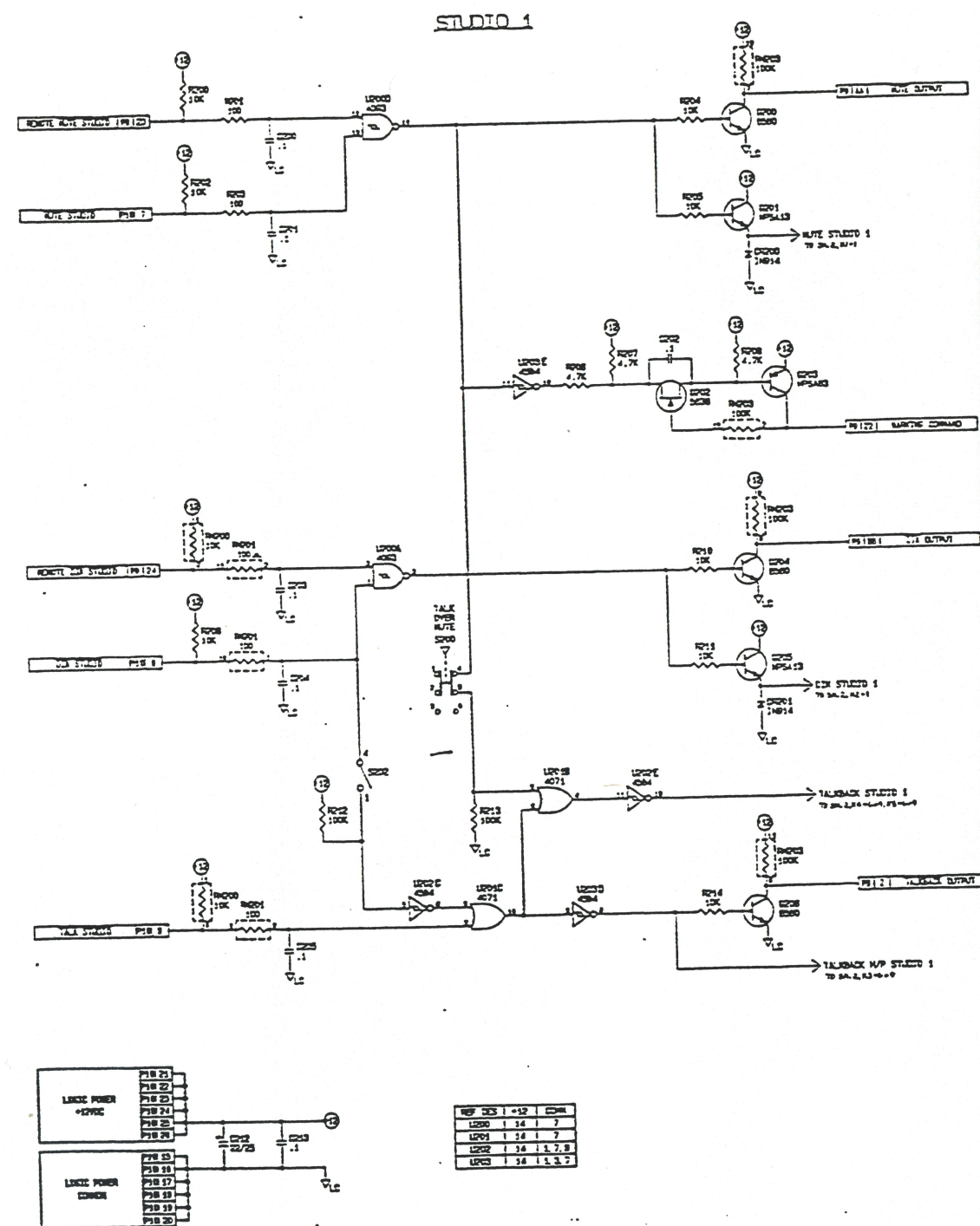
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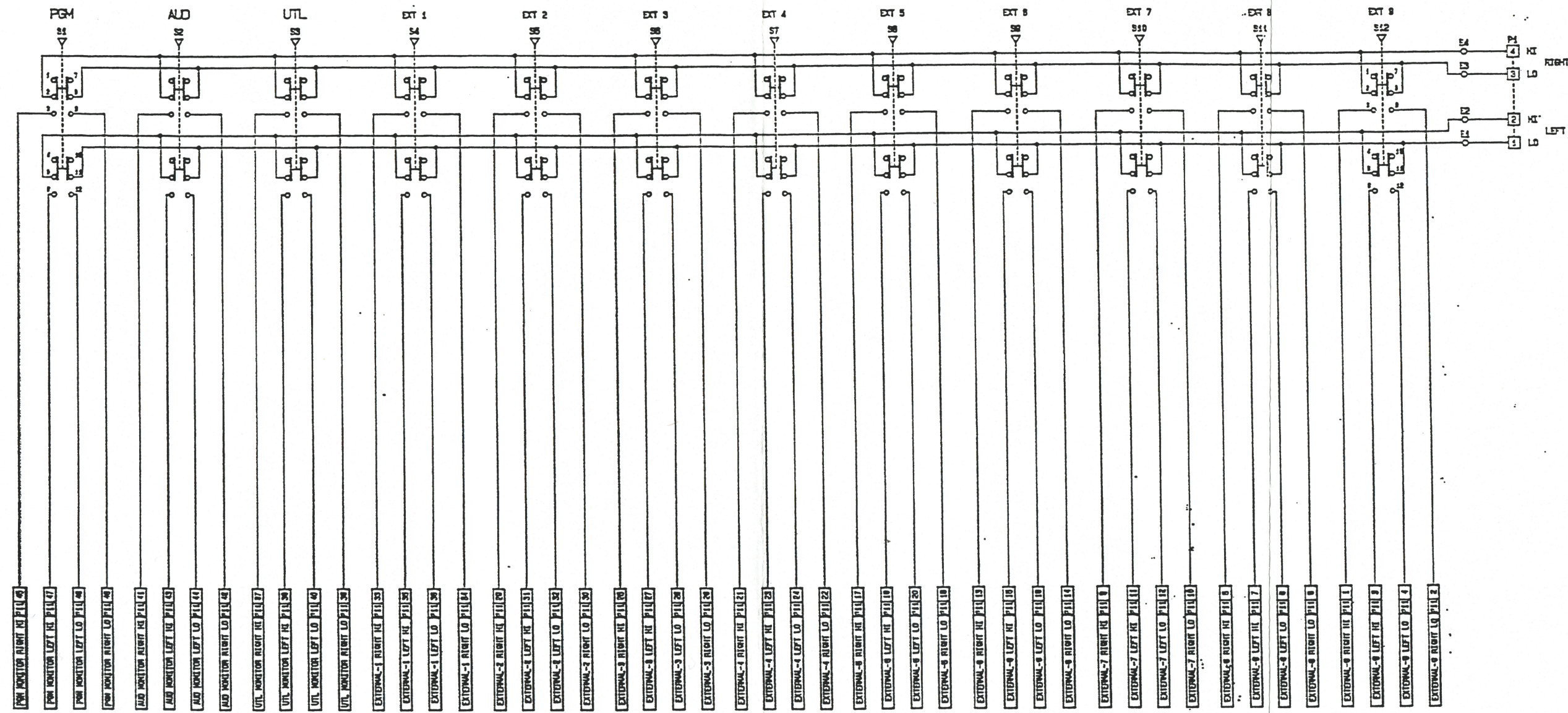
7.8 TWO-STUDIO MONITOR
MODULE SCHEMATIC
SHEET 1 OF 4





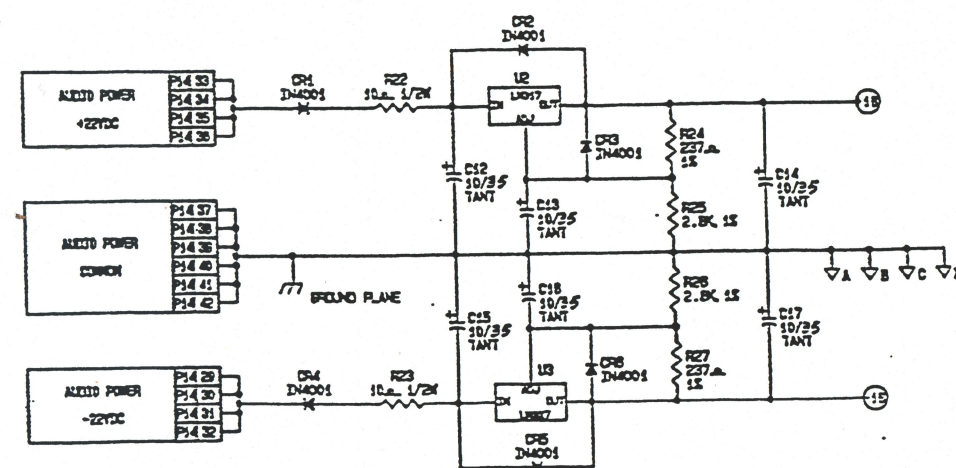
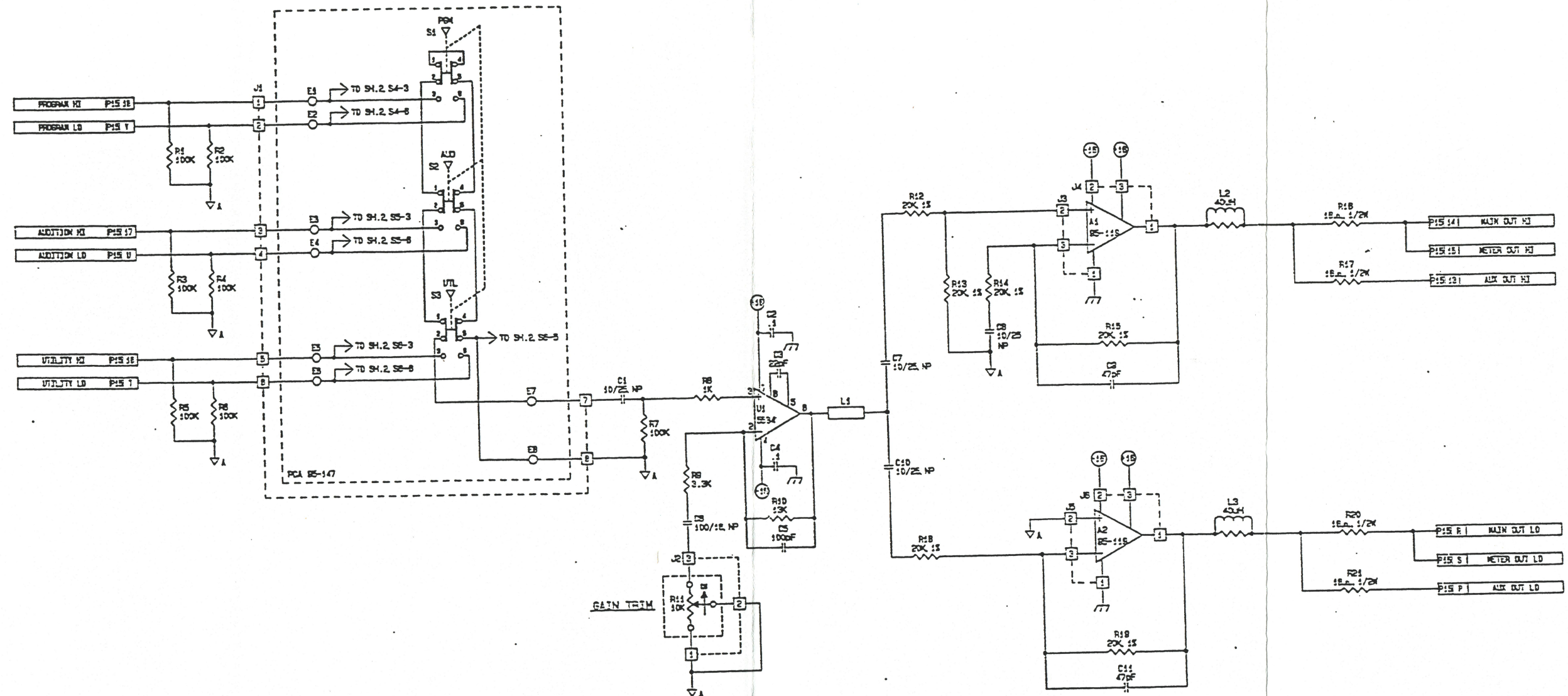


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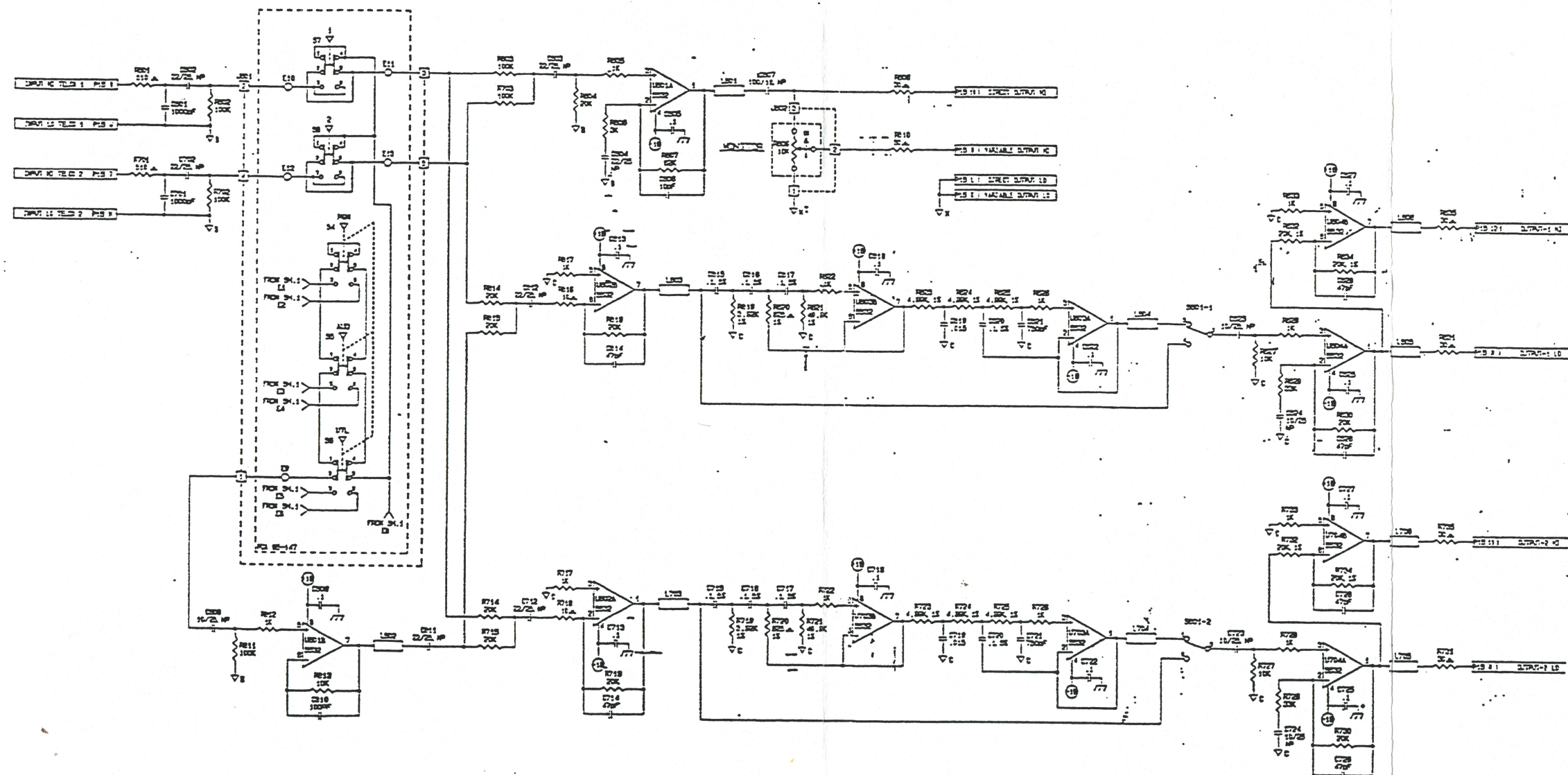


4. FOR PCA SEE DWG. 95-138 LATEST REV.
 3. NP = NON-POLARIZED.
 2. ALL CAPACITORS ARE MEASURED IN MICROFARADS.
 1. ALL RESISTORS ARE 1/4W, 5%.
- NOTES: UNLESS OTHERWISE SPECIFIED.

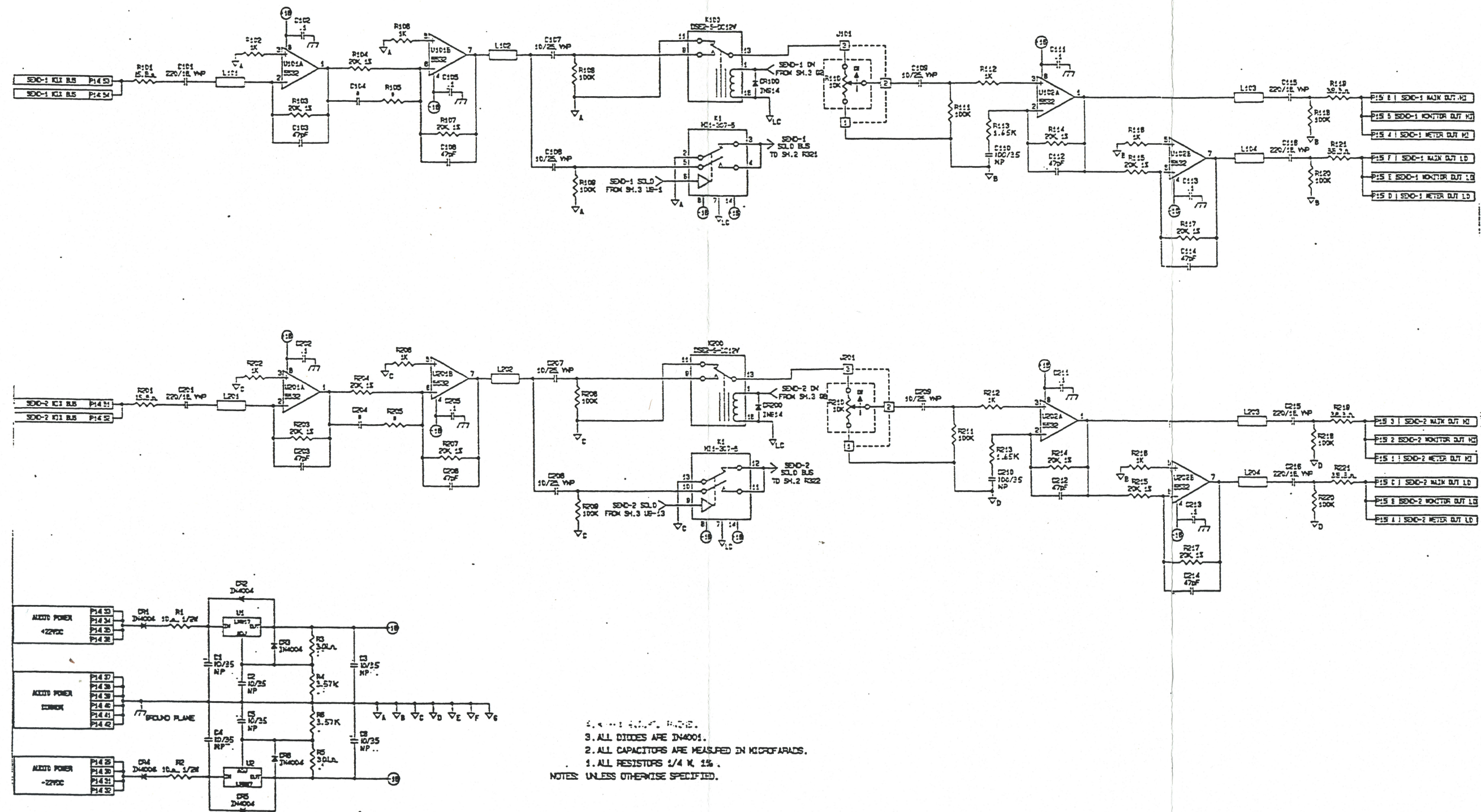
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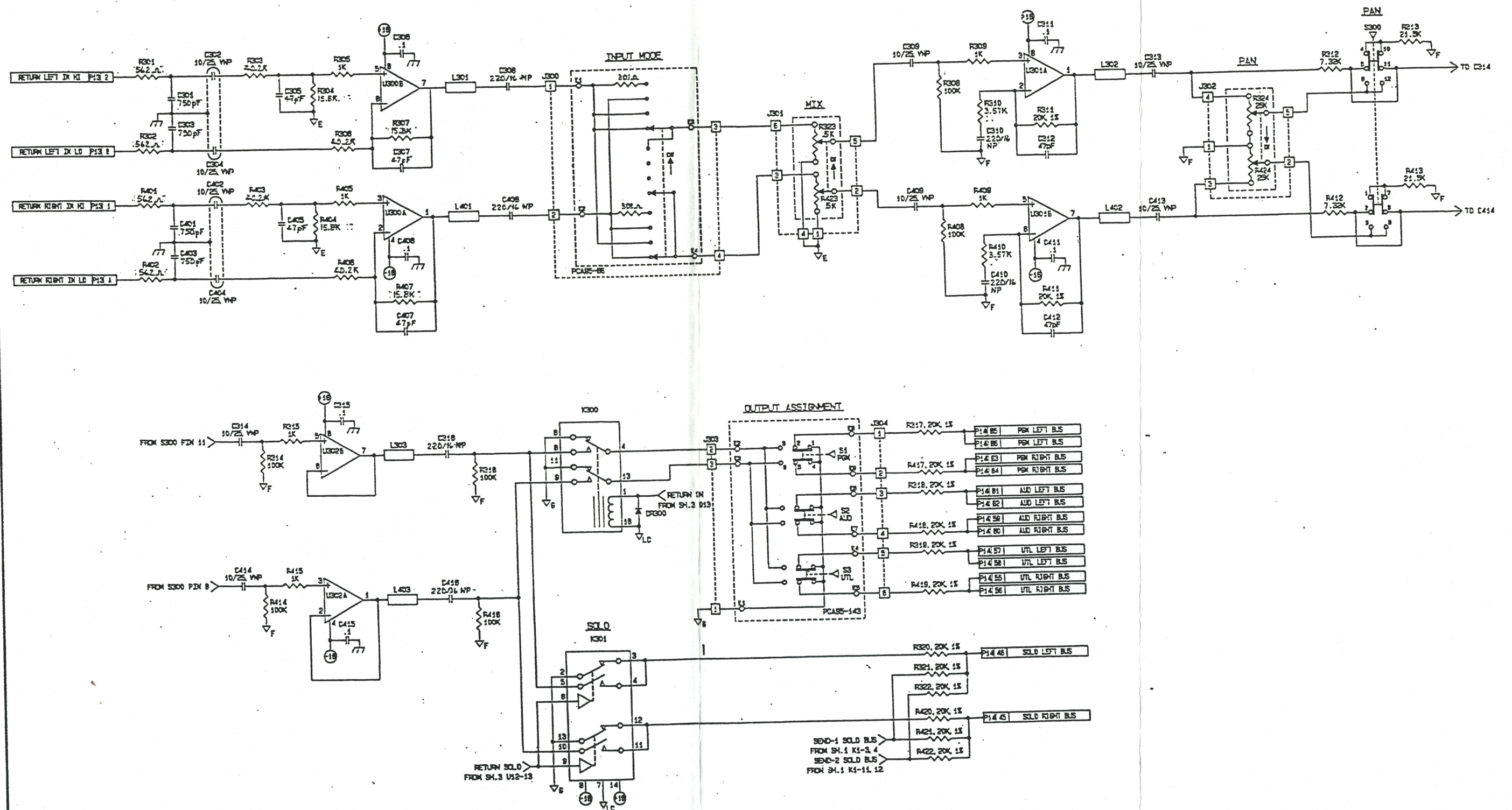
7.11 MONAURAL OUTPUT/TELCO
 MIX MODULE SCHEMATIC
 SHEET 1 OF 2

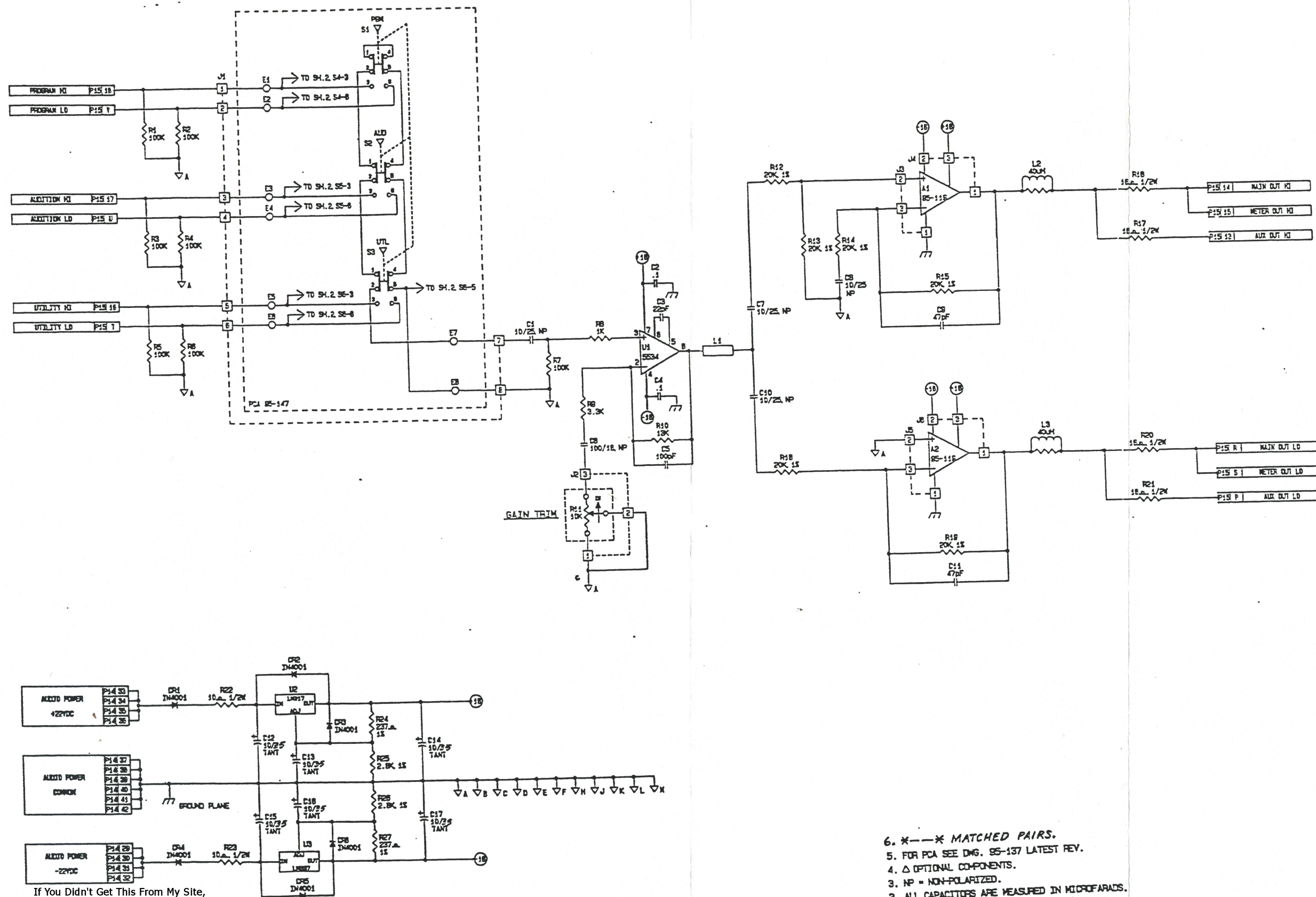


7.11 MONAURAL OUTPUT/TELCO
MIX MODULE SCHEMATIC
SHEET 2 OF 2



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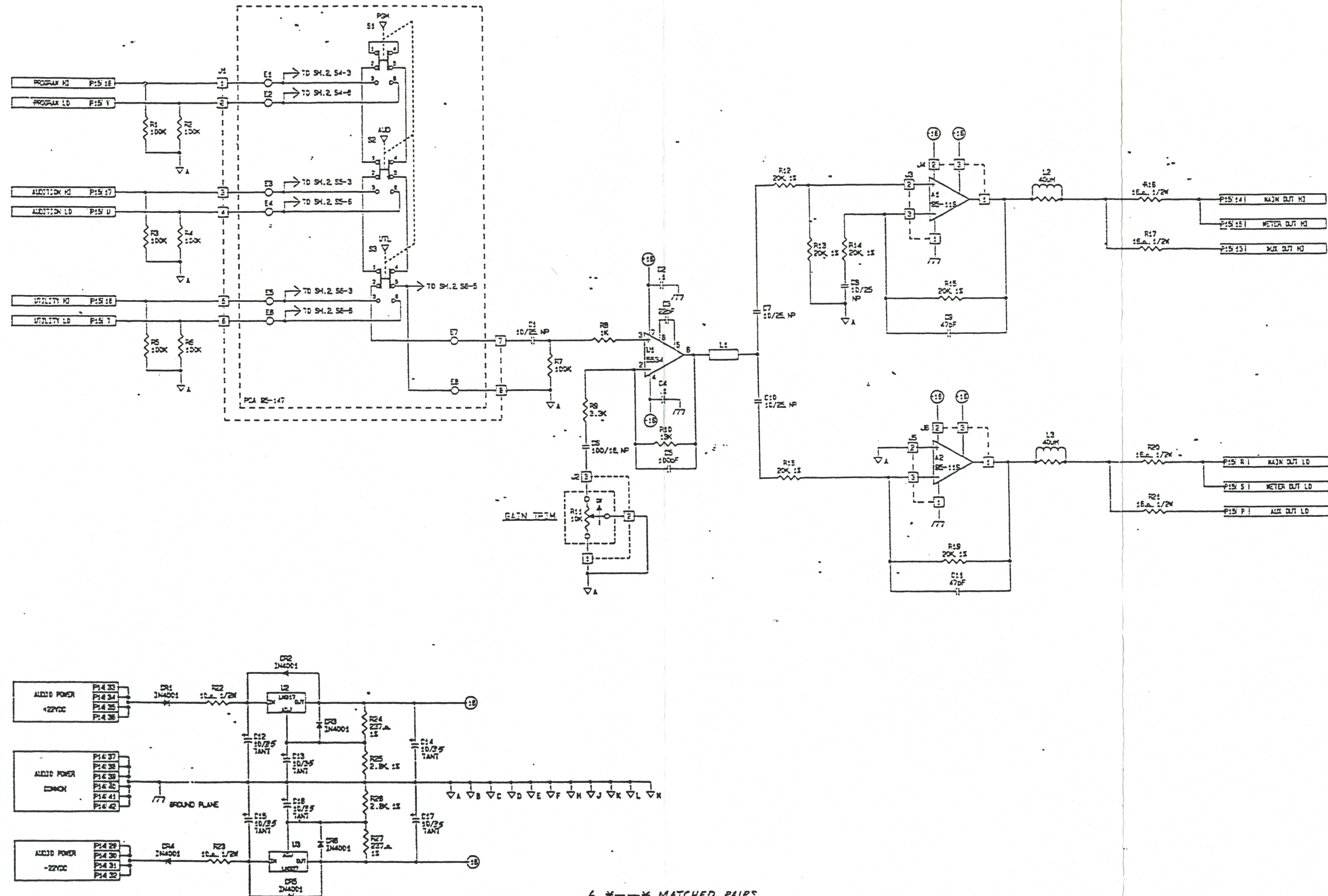


7.12 SEND AND RETURN
MODULE SCHEMATIC
SHEET 3 OF 3

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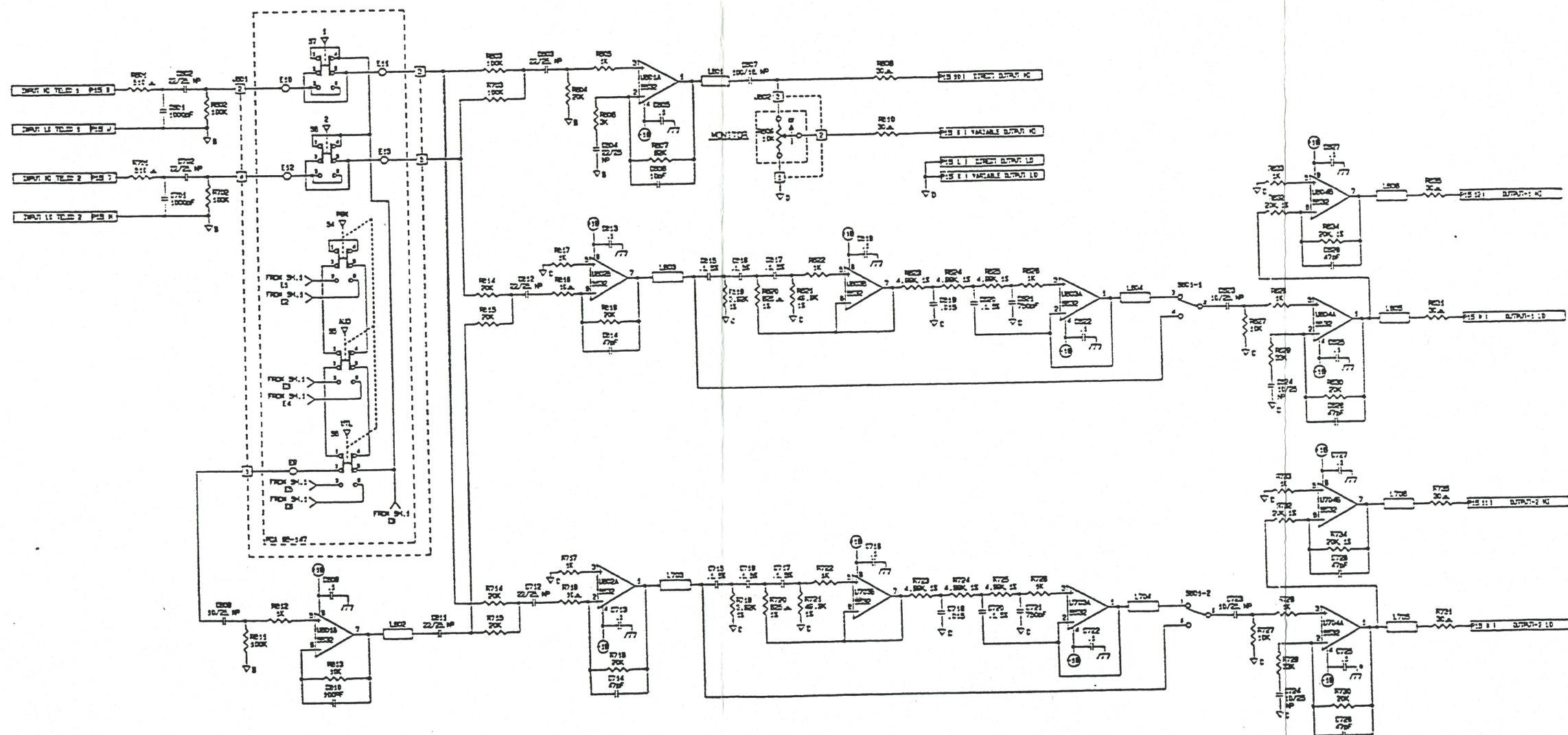
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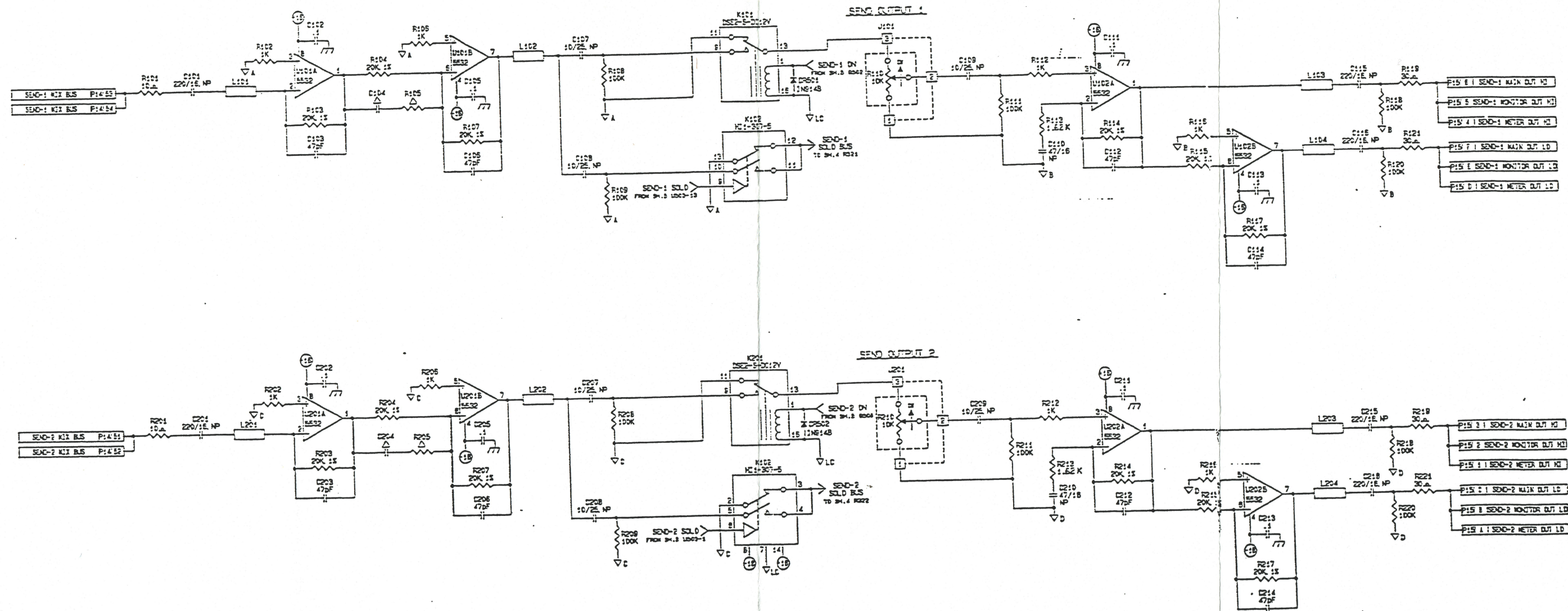
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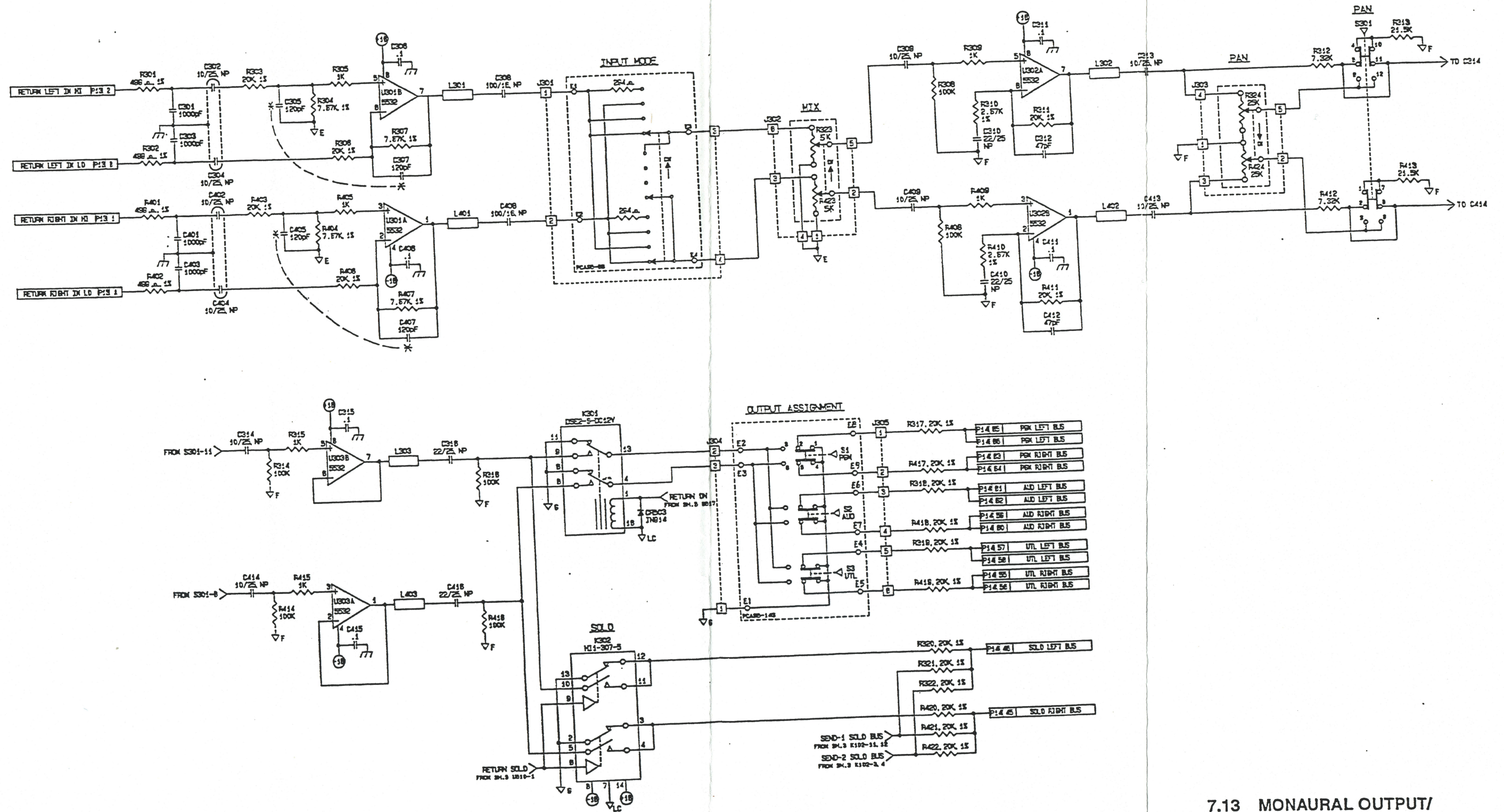
7.13 MONAURAL OUTPUT/
 TELCO MIX/SEND AND RETURN
 MODULE SCHEMATIC
 SHEET 1 OF 5

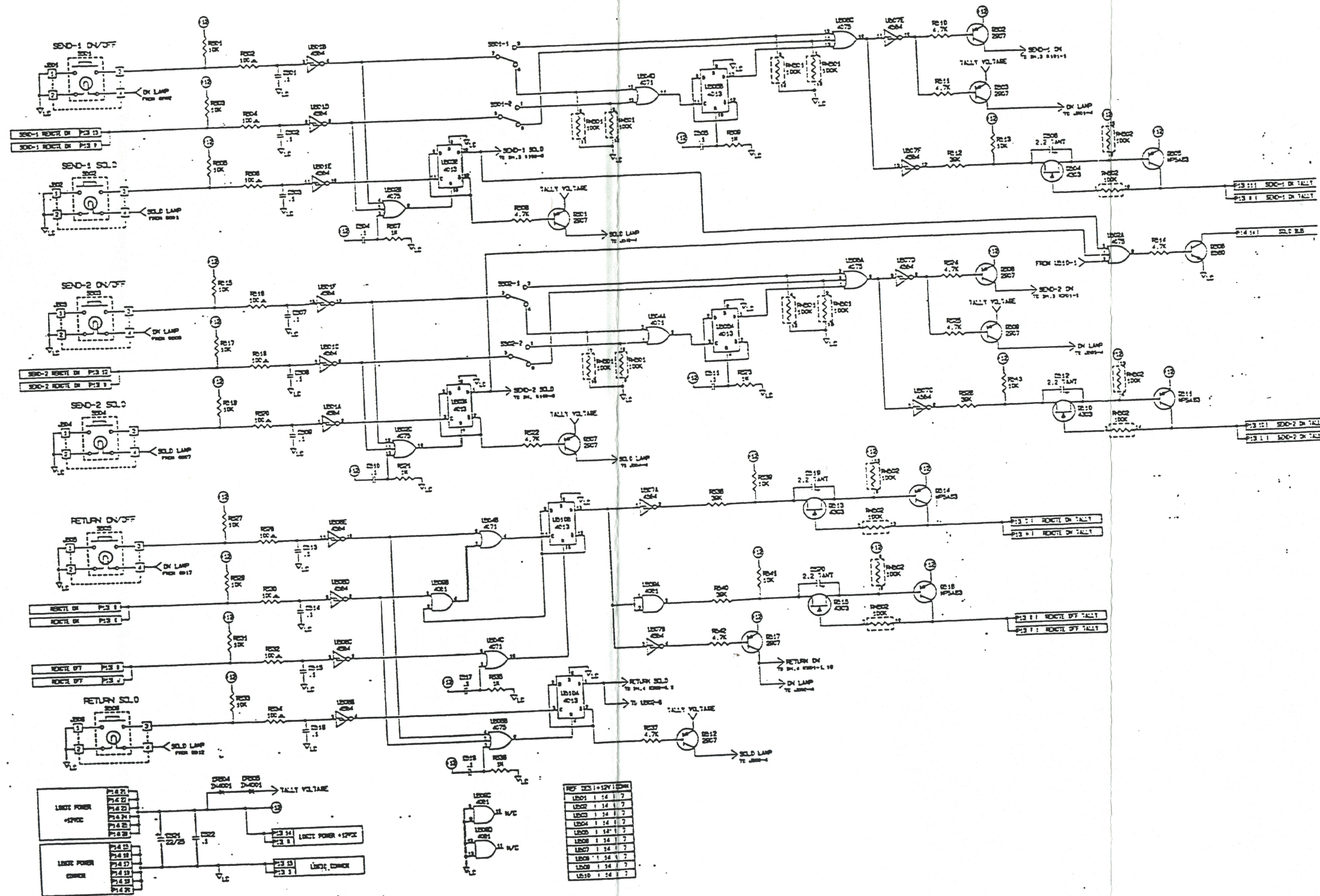


7.13 MONAURAL OUTPUT/
TELCO MIX/SEND AND RETURN
MODULE SCHEMATIC
SHEET 2 OF 5



7.13 MONAURAL OUTPUT/
TELCO MIX/SEND AND RETURN
MODULE SCHEMATIC
SHEET 3 OF 5





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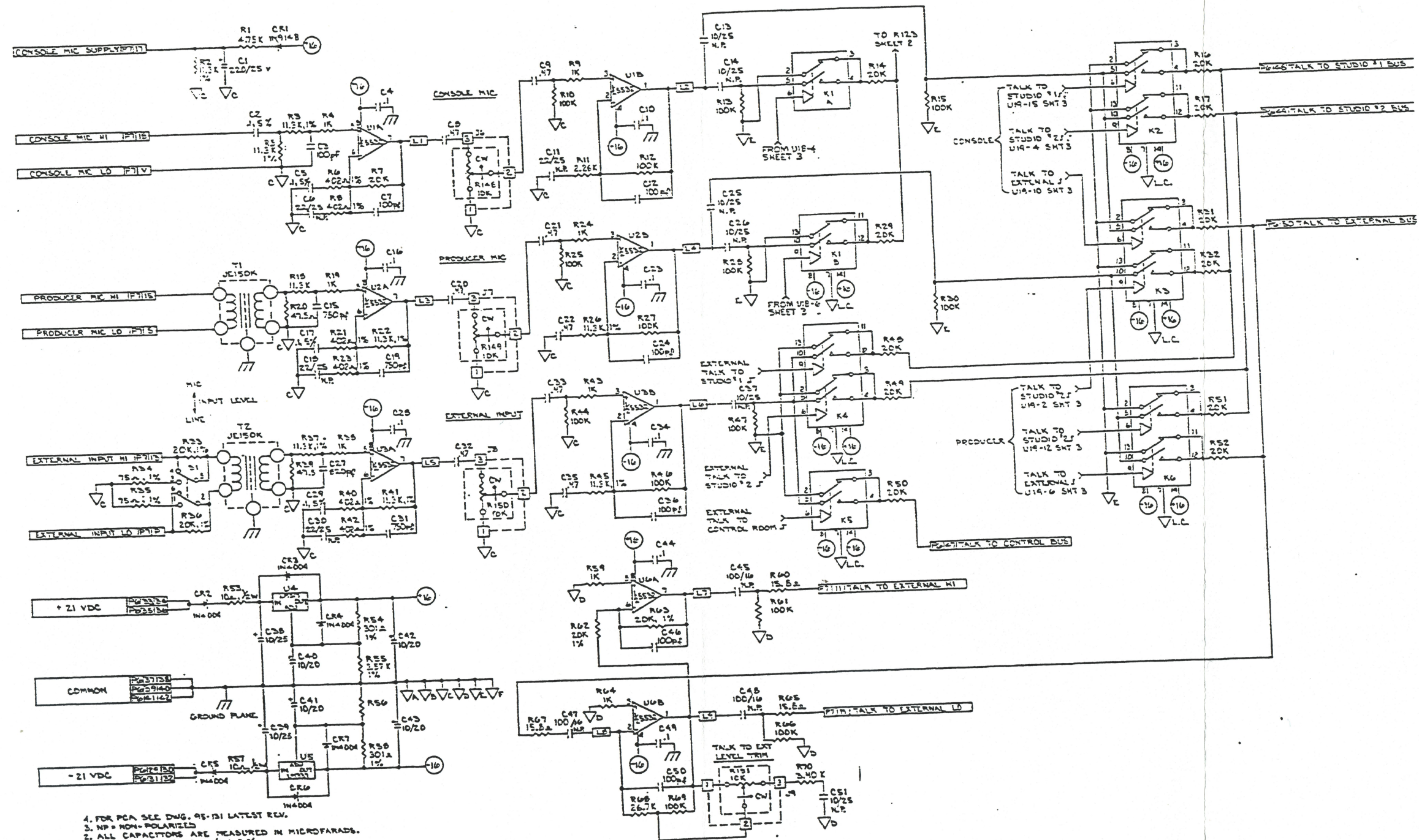
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7.13 MONAURAL OUTPUT/
TELCO MIX/SEND AND RETURN
MODULE SCHEMATIC
SHEET 5 OF 5





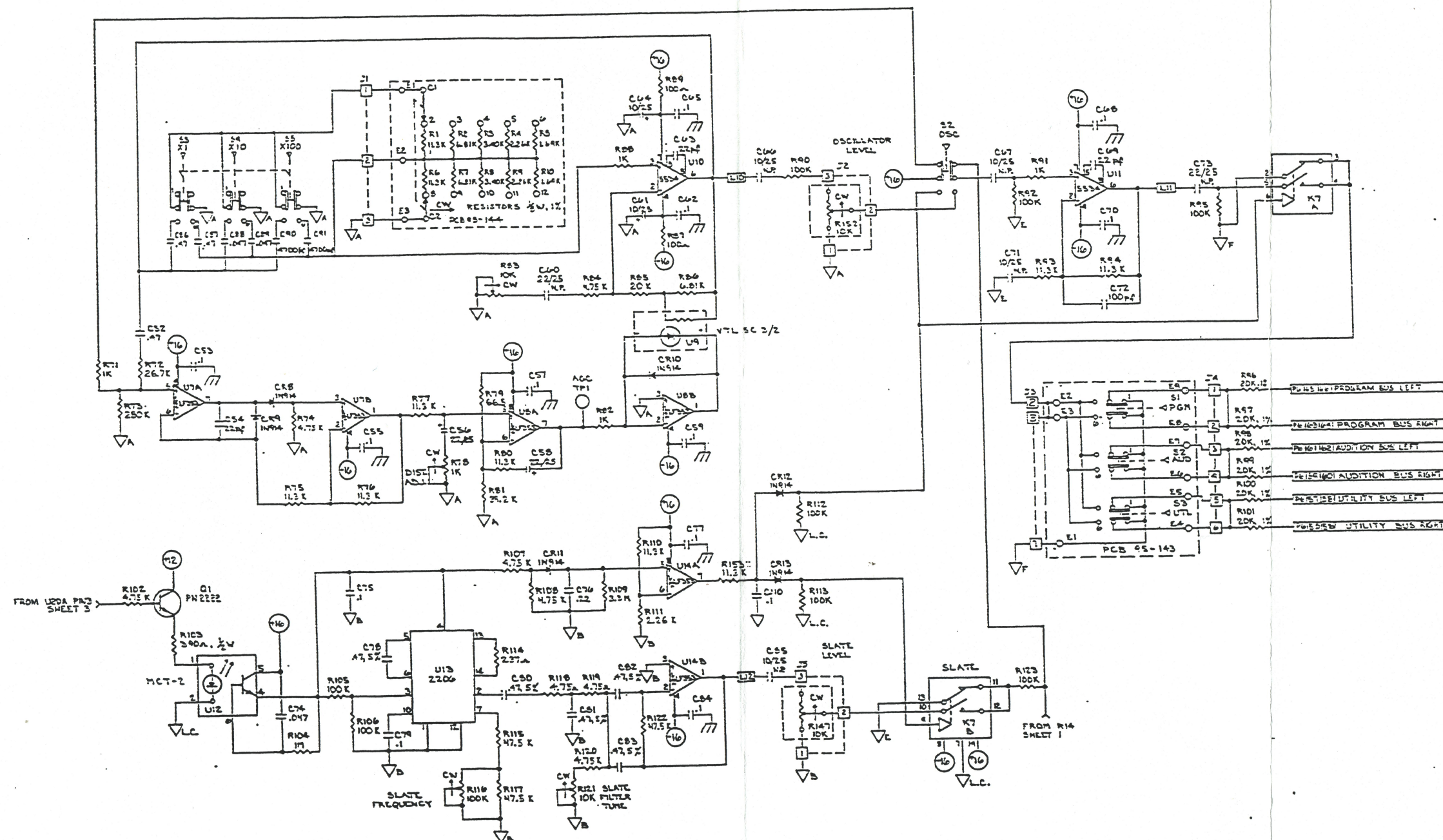
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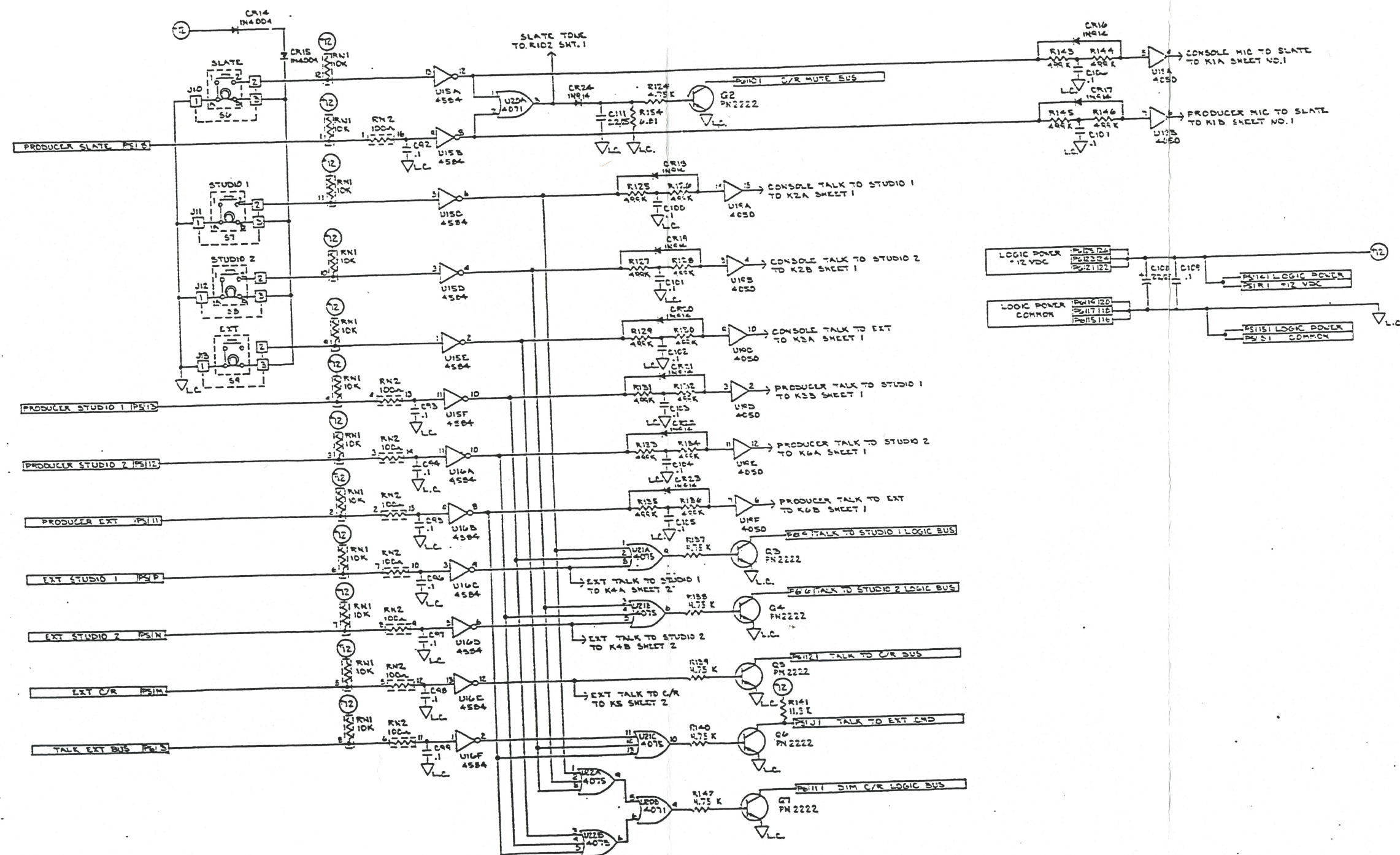
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7.14 SLATE/TALKBACK/TEST
 OSCILLATOR MODULE
 SCHEMATIC
 SHEET 1 OF 3



7.14 SLATE/TALKBACK/TEST
OSCILLATOR MODULE
SCHEMATIC
SHEET 2 OF 3

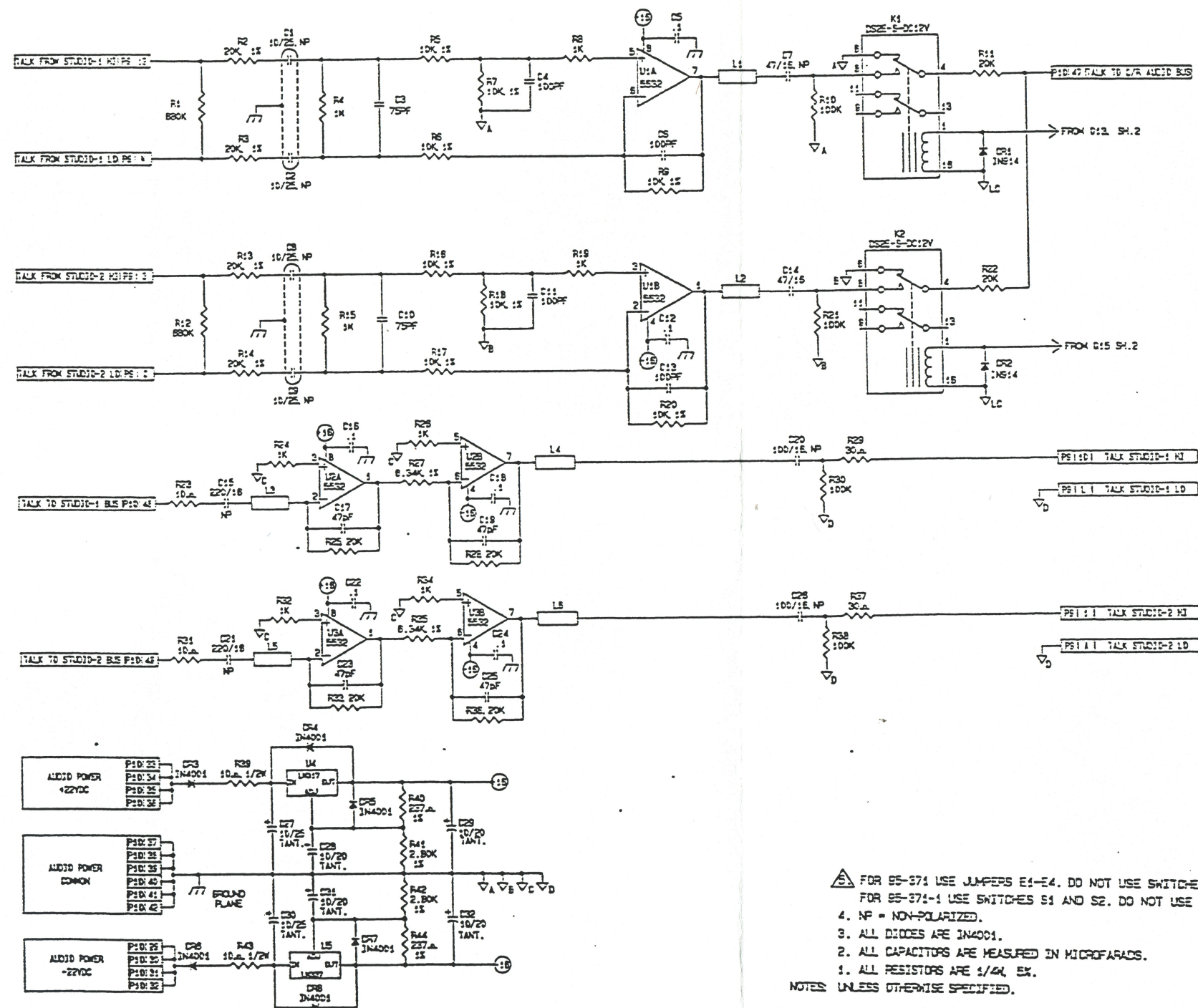


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7.14 SLATE/TALKBACK/TEST
OSCILLATOR MODULE
SCHEMATIC
SHEET 3 OF 3



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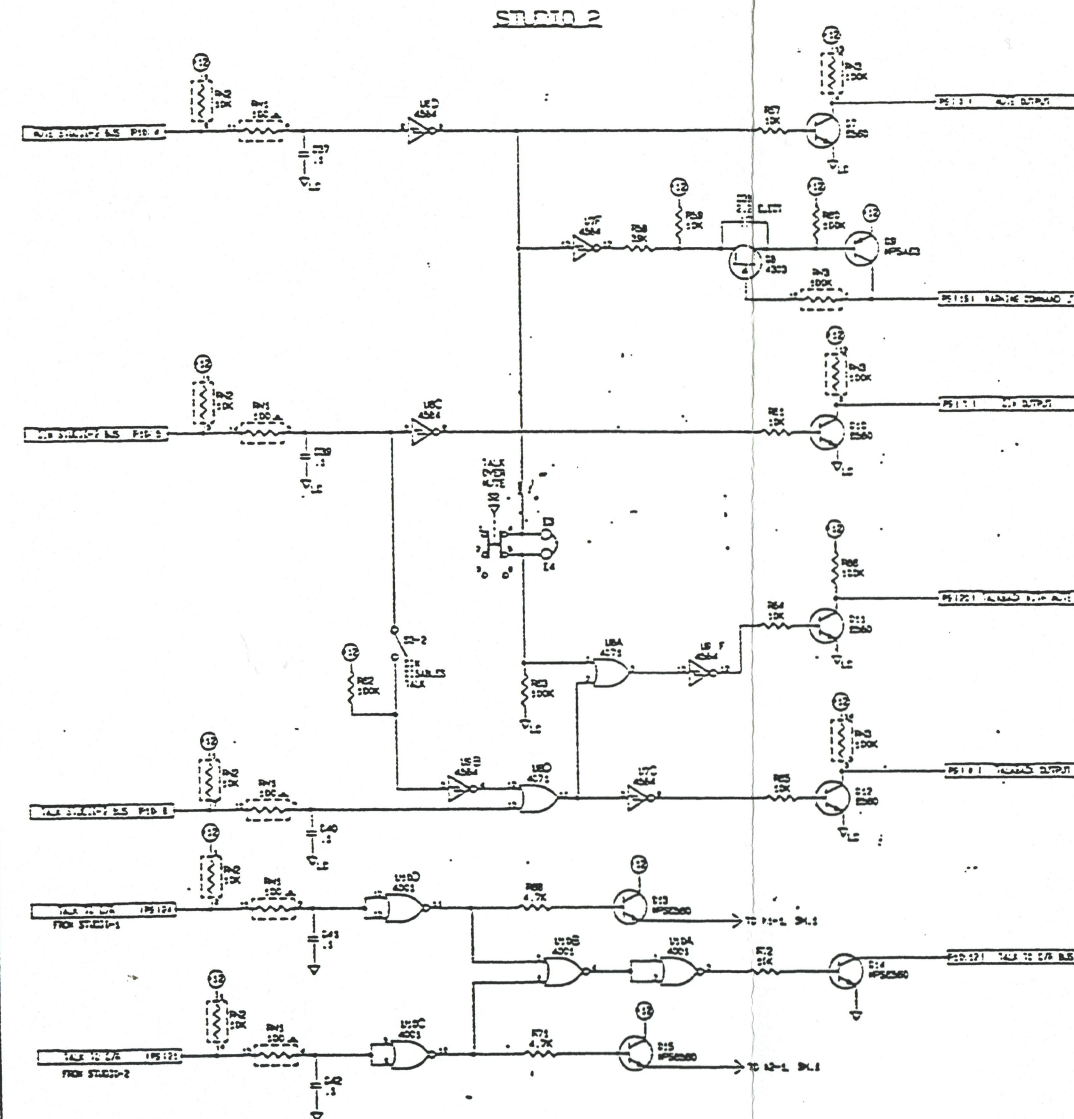
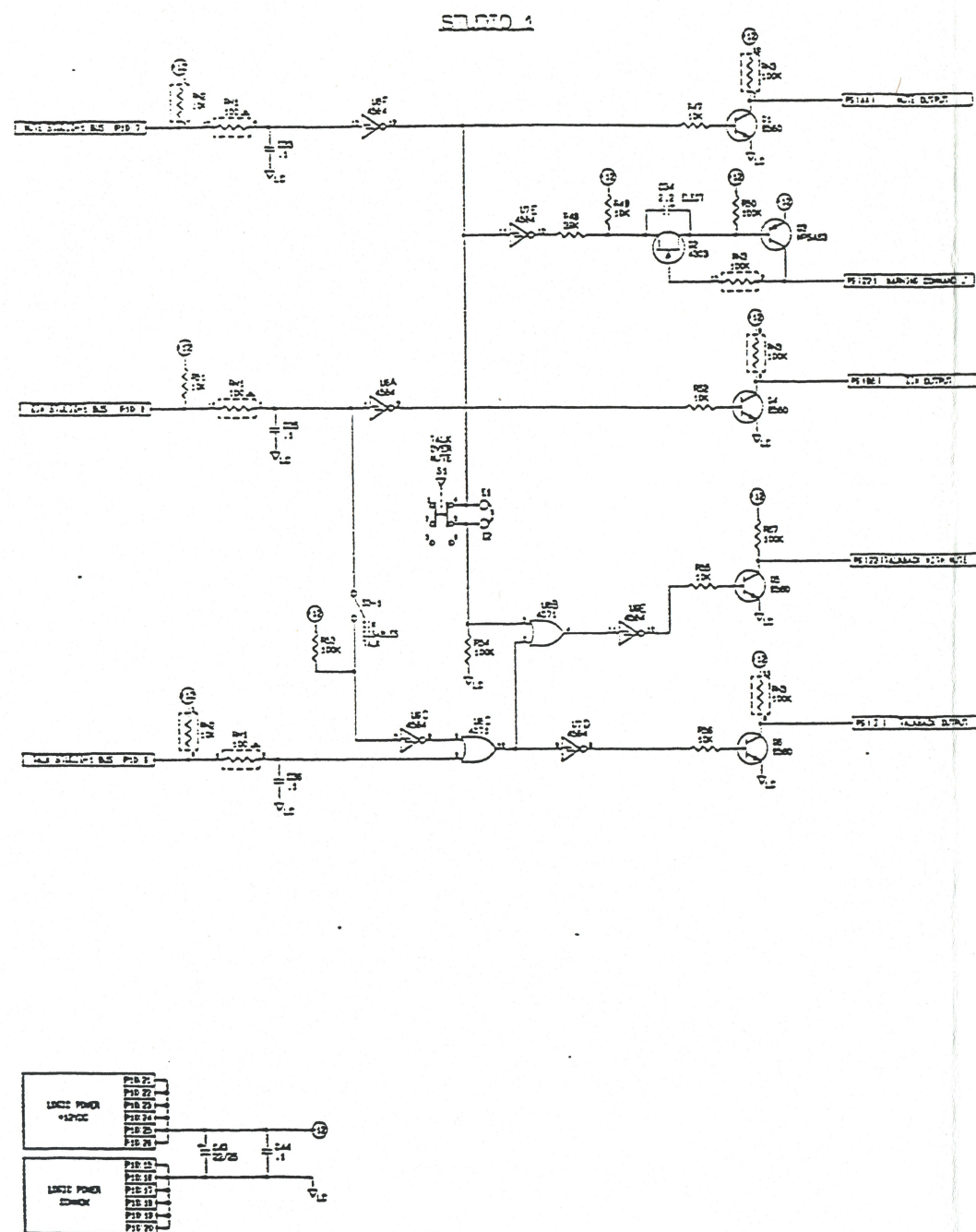
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7.15 TALKBACK/INTERCOM
 MODULE SCHEMATIC
 SHEET 1 OF 2



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