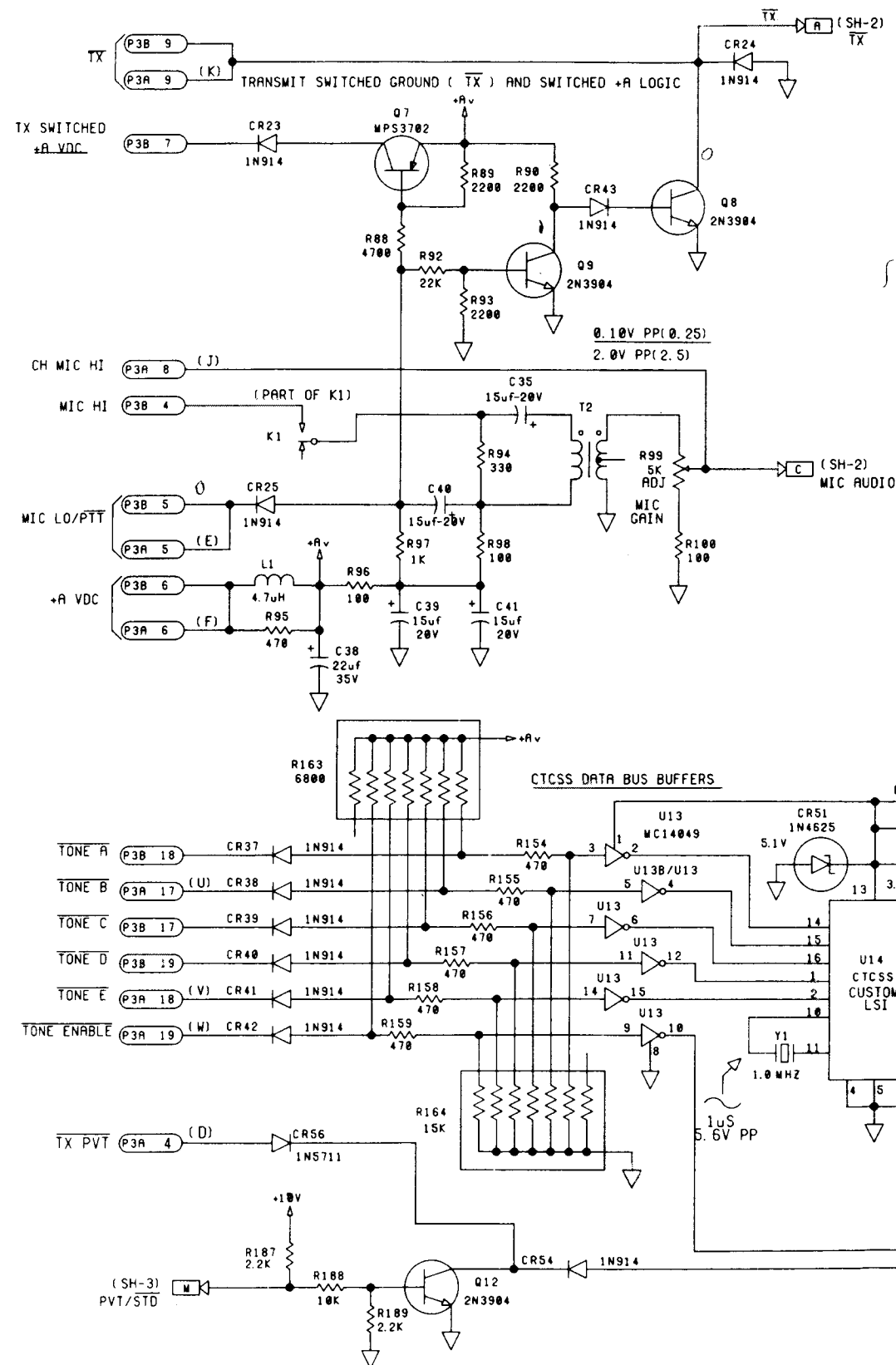
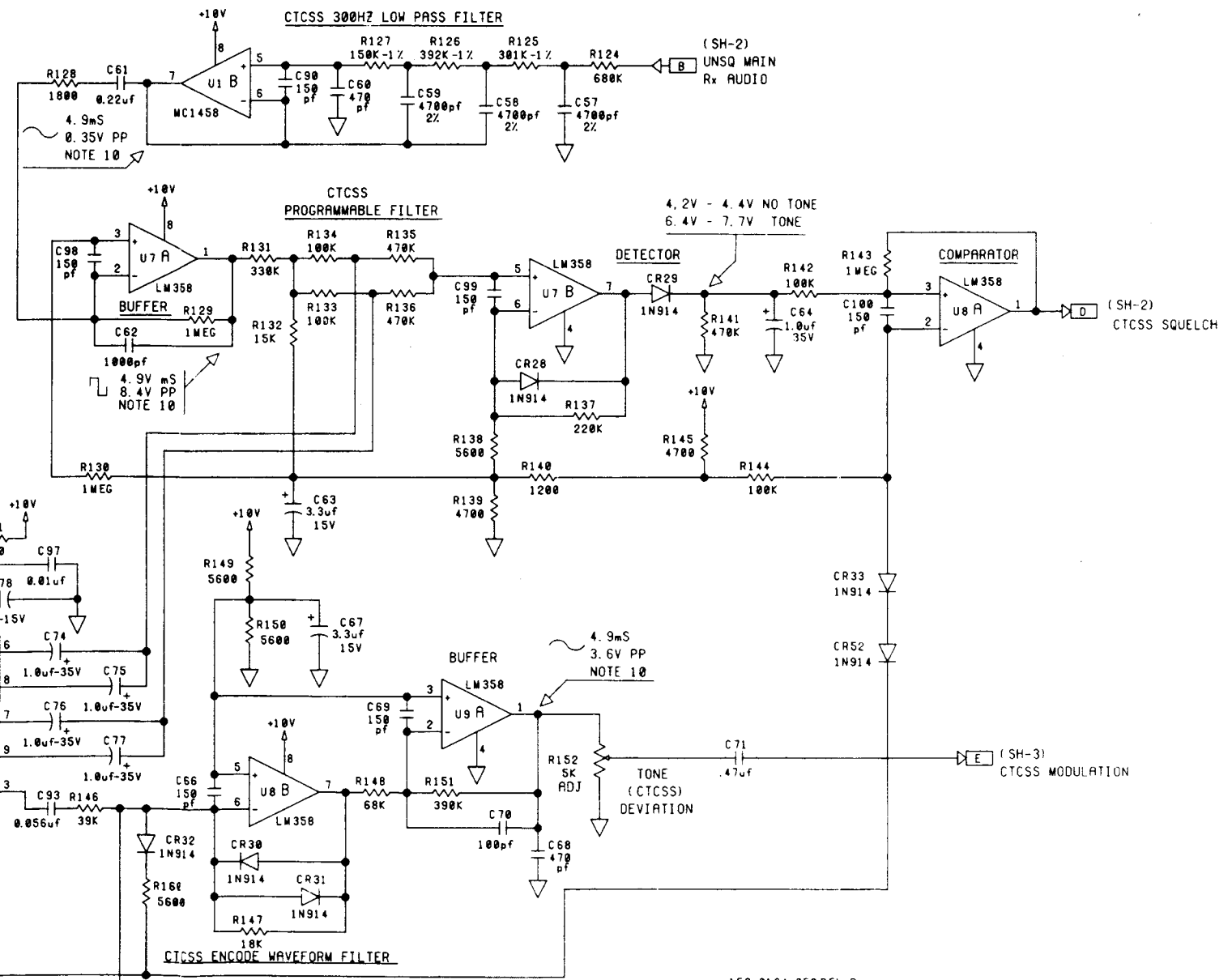


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NOTES:

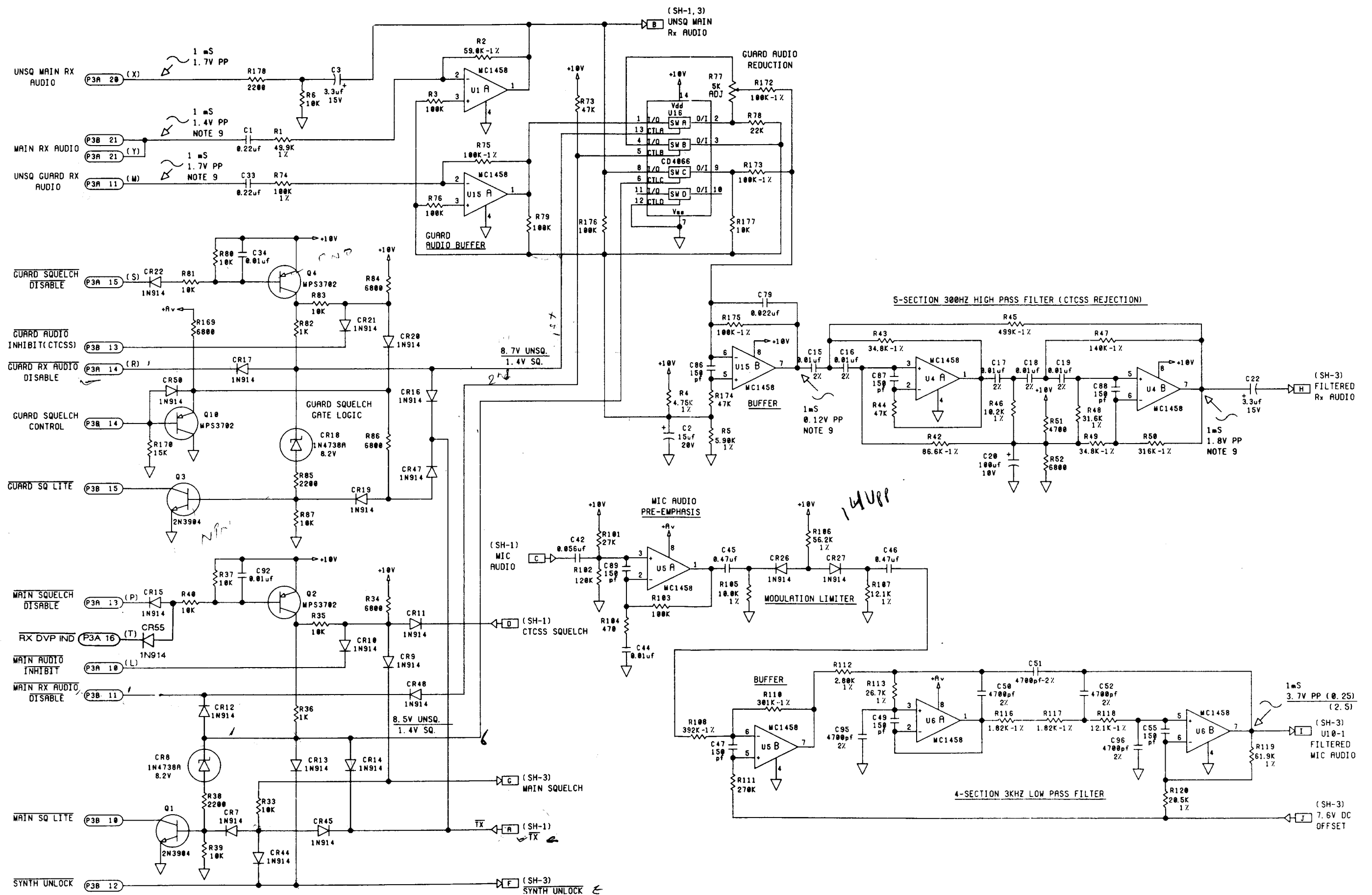
- VALUES ARE IN OHMS OR MICROFARADS UNLESS OTHERWISE INDICATED.
- P3A IS THE LETTER (TOP) SIDE, P3B IS THE NUMBER (BOTTOM) SIDE.
- +A VDC IS +13 TO +16 VDC.
- HIGHEST COMPONENT NUMBERS USED: C103, CR53, Q12, R191, U16, T2
COMPONENT NUMBERS NOT USED: C28, C36, C37, C43, C53, C54, C80, C81, C82, C83, C84, CR3, R41, R91, R109, R161, R162, R171
- ALL VOLTAGES ARE APPROXIMATE AND SUBJECT TO VARIATION DUE TO TOLERANCES.
- WAVEFORMS ARE MEASURED WITH A 100MHZ BANDWIDTH OSCILLOSCOPE.
- DC VOLTAGES ARE MEASURED WITH A 10 MEGOHM INPUT IMPEDANCE VOLTMETER.
- AMPLITUDE OF AC SYMBOLS IS IN VOLTS PEAK TO PEAK. TIME IS PERIOD OF ONE CYCLE.
- SPECIAL MEASUREMENT CONDITIONS:
(0.25) = 0.25V RMS APPLIED TO MIC INPUT AT 1KHZ
(2.5) = 2.5V RMS APPLIED TO MIC INPUT AT 1KHZ
- RECEIVE AUDIO WAVEFORMS MEASURED WITH A 1mV RF SIGNAL APPLIED, +/- 3 KHZ DEVIATION, 1 KHZ AUDIO.
- CTCSS WAVEFORMS MEASURED WITH A 203.5KHZ TONE, 750HZ DEVIATION, 1mV RF INPUT.
- SIDETONE WAVEFORM MEASURED WITH 0.25V RMS, 1 KHZ APPLIED TO MIC INPUT.
- WHEN USING THIS DVP AUDIO BOARD (300-0164-050) IN A NON-DVP CHASSIS (300-012785-0X), YOU MUST TIE J3B-20 TO GND J3B-22.



FLEXCOMM Audio Board (A3) Schematic
Figure 3.1-7 (Sheet 1 of 3)

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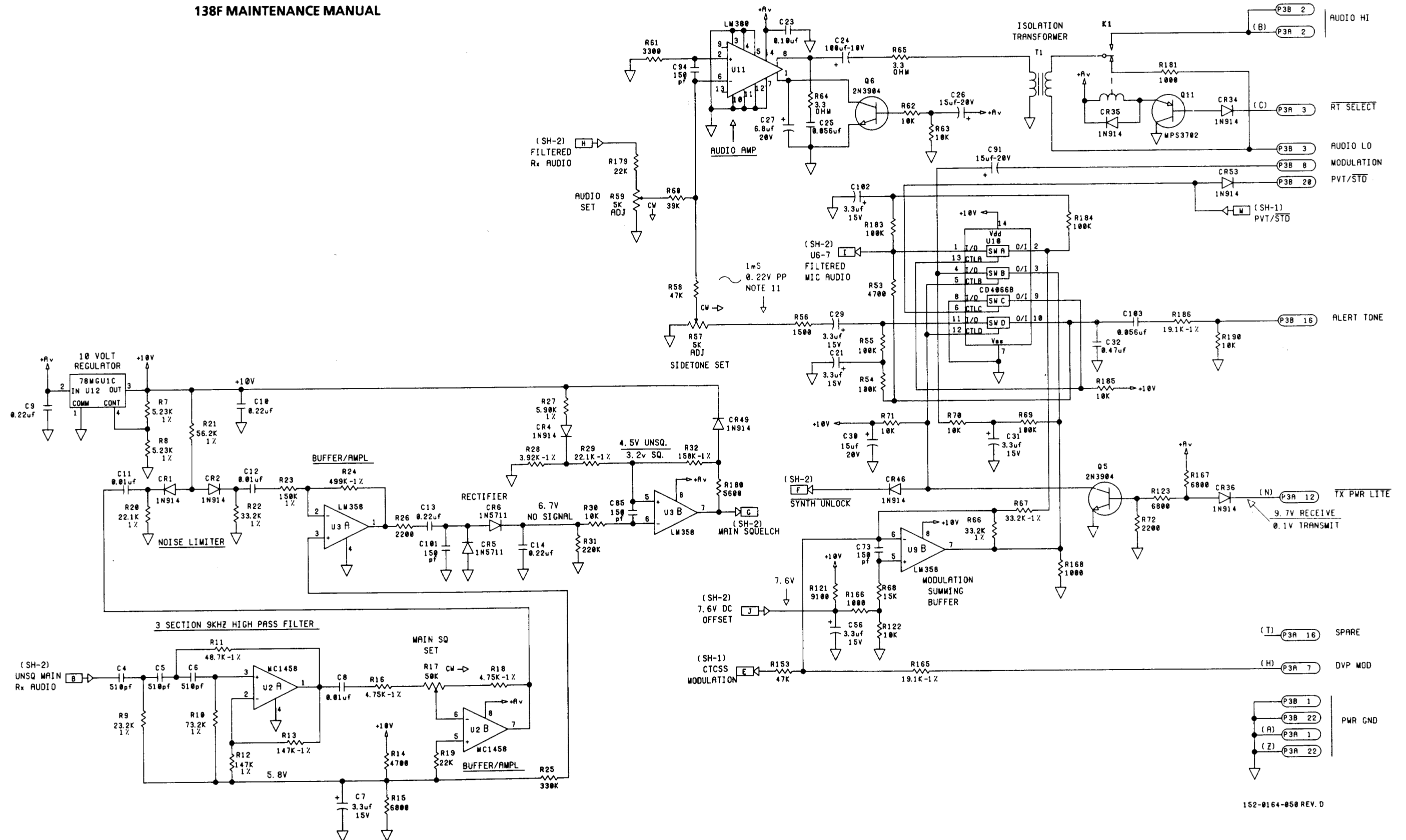
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FLEXCOMM Audio Board (A3) Schematic
Figure 3.1-7 (Sheet 2 of 3)

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FLEXCOMM Audio Board (A3) Schematic
Figure 3.1-7 (Sheet 3 of 3)

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